



# VidyoPlatform

## Web Services API Guide

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# 1: Intro

---

The Web Services API is used for management and automation of the VidyoPlatform infrastructure.

## Note

Cloud-only customers do not have access to the Super Admin APIs.

## REST APIs

[availableUserTypes](#)

[Custom Parameters API](#)

[CORS](#)

[EPIC Integration Services](#)

[JWT Authentication Secret APIs](#)

[localAuthentication](#)

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[SAML APIs](#)

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[Super Admin APIs](#)

[VidyoGateway API](#)

[VidyoPortal Event Service Configuration](#)

[VidyoReplay API](#)

## SOAP APIs

[Super API](#)

[Admin API](#)

[Guest API](#)

[User API](#)

## Support

If you need help or have questions, please feel free to do one of the following.

**Vidyo Resellers and End Users with Plus coverage:** Contact the Vidyo Support Team via email or phone at the locations listed in the [Contact Us](#) article.

**Vidyo End Users without Plus coverage:** Contact your authorized Vidyo Reseller at [support@vidyocloud.com](mailto:support@vidyocloud.com).

## 2: availableUserTypes

---

Retrieves the available user types and roles from VidyoPortal. This information is needed to invoke the restAuthentication API.

**Content type:** Application/json

**Supported method:** GET

**Sample URL:** <http://yourfqdn/admin/service//availableUserTypes>

### GET

#### Sample request

```
http://example.com/admin/service/availableUserTypes
```

#### Sample response

```
{
  "status": {
    "code": "200",
    "message": "OK"
  },
  "data": [
    {
      "roleID": 1,
      "roleName": "Admin",
      "roleDescription": "Admin"
    },
    {
      "roleID": 2,
      "roleName": "Operator",
      "roleDescription": "Operator"
    },
    {
      "roleID": 3,
      "roleName": "Normal",
```



```

        "roleDescription": "Normal"
    },
    {
        "roleID": 4,
        "roleName": "VidyoRoom",
        "roleDescription": "VidyoRoom"
    },
    {
        "roleID": 7,
        "roleName": "Executive",
        "roleDescription": "Executive"
    }
]
}

```

## Request parameter

Name	Type	Description	Required
data	List of Role Objects	A list of user type and role objects	Yes
roleID	Integer	Role ID	Yes
roleName	String	Name of the role	No
roleDescription	String	Describes the role	No

## 3: Custom Parameters API

This API returns the lists of custom parameters defined for registered users and guests.

**URL:** /admin/api/v1/tenants/{tenantId}/customParameters

**Method:** GET

### Path variables

Field	Data type	Mandatory	Description	Validation
tenantId	String	Y	It accepts: <ul style="list-style-type: none"><li>tenantId of tenant</li><li>tenant host name</li></ul> Provide any of the above 2 values.	<ul style="list-style-type: none"><li>If tenantId is provided, then it should be valid tenantId associated with tenant</li><li>If tenant host name is provided, then it should be valid tenant host name associated with tenant.</li><li>If value provided is invalid or not associated with tenant, "401 Unauthorized" will be returned.</li></ul>

### Success response

In case of success, will just return `success code 200 HttpStatus.OK` with JSON content in the body as described below.

### Response parameters

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
Status	String	Y	Defines the response status. For successful response, its value will be "success"
data	Object	Y	This is the element which encapsulates the API response.
key	String	Y	-
value	String	Y	-

## Example JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {
    "registered": [
      {
        "key": "k1",
        "value": "v1"
      },
      {
        "key": "k2",
        "value": "v2"
      }
    ],
    "unregistered": [
      {
        "key": "k3",
        "value": "v3"
      },
      {
        "key": "aaabbb22",
        "value": "u2"
      }
    ]
  }
}
```

## Error responses

If validation of mandatory parameters is failed. In this scenario list of errors will be returned in JSON body.

Status code will be 400. `HttpStatus.BAD_REQUEST`

## Error response parameters

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For Error response, its value will be "failure"
error	Object	Y	This is the element which encapsulates the API error details.
code	Integer	Y	This is the Error code for the error.
message	Text	Y	This describes the error.
errors	List	N	This contains the list of errors in case of request validation failure. Its value will be empty list for all the error scenarios other than request validation failure.

## JSON error response structure in case of request validation errors

```
{
  "version": "1",
  "status": "failure",
  "error": {
    "code": 102001,
    "message": "Invalid Request parameter(s)",
    "errors": [
      "Invalid key aaabbb1 1",
      "Invalid key aaabbb 21"
    ]
  }
}
```

In case of Bad Request, Forbidden Request and Internal server error scenarios, errors will be returned as empty list.

## JSON error response structure in case of Bad request, Forbidden request or internal server errors

```
{
  "version": "1",
```

```

    "status": "failure",
    "error": {
      "code": 102003,
      "message": "Bad request",
      "errors": []
    }
  }
}

```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message
400	102001	Invalid Request parameter(s)
500	102002	Internal server error
400	102003	Bad request
403	102004	Request Forbidden

## Validation error messages

HTTP response code	Error code
400	Invalid key
400	Invalid value
400	Invalid auth type

# 4: REST CORS

System level:

- [Add CORS](#)
- [Get CORS](#)
- [Update CORS](#)
- [Delete CORS](#)

Tenant level:

- [Add CORS](#)
- [Get CORS](#)
- [Update CORS](#)
- [Delete CORS](#)

## System-level – Add CORS

**URL:** /admin/api/v1/system/tenants/cors

**Method:** POST

Authentication: Super AdminRequest body

Field	Data type	Mandatory	Description	Validations
domain	String	Y	Request origin domain	Can't be null or empty. Must not contain white-spaces or special characters other than a full stop (.), dash (-), or asterisk (*).
Context	String	Y	Request API context	Can't be null or empty. Must not contain white-spaces or special characters other than a forward slash (/) or asterisk (*).

```
POST /admin/api/v1/systems/tenants/cors
{
  "domain": "outlook.vidyocloud.com",
  "context": "/api/admin"
}
```

## Response body

Field	Data type	Mandatory	Description
id	int	Y	CORS identifier
domain	String	Y	Request origin domain
context	String	Y	Request API context

```
{
  "id":1,
  "domain":"outlook.vidyocloud.com",
  "context": "/api/admin"
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message
400	2003	Domain is required
400	2004	Context is required
500	2005	Internal server error

```
{
  "message": "Something went wrong",
  "errorCode": 2005
}
```

## System-level – Get CORS

**URL:** /admin/api/v1/system/tenants/cors

**Method:** GET

## Authentication: Super Admin

### Response body

Field	Data type	Mandatory	Description
id	int	Y	CORS identifier
domain	String	Y	Request origin domain
context	String	Y	Request API context

```
{
  "id":1,
  "domain":"outlook.vidyocloud.com",
  "context": "/api/admin"
}
```

### HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message
500	2005	Internal server error

```
{
  "message": "Something went wrong",
  "errorCode": 2005
}
```

## System-level – Update CORS

**URL:** /admin/api/v1/tenants/cors/{corsId}sys

**Method:** PUT

### Authentication: Super Admin

Field	Data type	Mandatory	Description	Validations
corsId	int	Y	CORS identifier	Check if CORS exists in the DB



## Request body

Field	Data type	Mandatory	Description	Validations
domain	String	Y	Request origin domain	Can't be null or empty. Must not contain white-spaces or special characters other than a full stop (.), dash (-), or asterisk (*).
context	String	Y	Request API context	Can't be null or empty. Must not contain white-spaces or special characters other than a forward slash (/) or asterisk (*).

```
PUT /admin/api/v1/systems/tenants/cors/{corsId}
{
  "domain": "new.outlook.vidyocloud.com",
  "context": "/api/admin/v1"
}
```

## Response body

Field	Data type	Mandatory	Description
id	int	Y	CORS identifier
domain	String	Y	Request origin domain
context	String	Y	Request API context

```
{
  "id": 1,
  "domain": "new.outlook.vidyocloud.com",
  "context": "/api/admin/v1"
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message
404	2002	CORS doesn't exist
400	2003	Domain is required
400	2004	Context is required
500	2005	Internal server error

```
{
  "errors": [
    {
      "errorCode": 2003,
      "message": "Domain is required"
    },
    {
      "errorCode": 2004,
      "message": "Context is required"
    }
  ]
}
```

## System-level – Delete CORS

**URL:** /admin/api/v1/system/tenants/cors/{corsId}

**Method:** DELETE

Authentication: Super Admin

Field	Data type	Mandatory	Description	Validations
corsId	int	Y	CORS identifier	Checks if CORS exists in the DB

## Response body

```
204 No Content
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message
400	2002	CORS doesn't exist
500	2005	Internal Server Error

```
{
  "message": "CORS doesn't exist",
  "errorCode": 2001
}
```

## Tenant-level – Add CORS

**URL:** /admin/api/v1/tenants/{tenantId}/cors

**Method:** POST

Authentication: Super Admin, Tenant Admin

Field	Data type	Mandatory	Description	Validations
tenantId	int	Y	Tenant identifier	Checks if tenant exists in the DB

### Request body

Field	Data type	Mandatory	Description	Validations
domain	String	Y	Request origin domain	Can't be null or empty. Must not contain white-spaces or special characters other than a full stop (.), dash (-), or asterisk (*).
context	String	Y	Request API context	Can't be null or empty. Must not contain white-spaces or special characters other than a forward slash (/) or asterisk (*).

```
POST /admin/api/v1/tenants/{tenantId}/cors
{
```

```
"domain":"outlook.vidyocloud.com",  
"context":"/api/admin"  
}
```

## Response body

Field	Data type	Mandatory	Description
id	int	Y	CORS identifier
domain	String	Y	Request origin domain
context	String	Y	Request API context

```
{  
  "id":1,  
  "domain":"outlook.vidyocloud.com",  
  "context": "/api/admin"  
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message
404	2001	Tenant doesn't exist
400	2003	Domain is required
400	2004	Context is required
500	2005	Internal server error

```
{  
  "message": "Tenant doesn't exist",  
  "errorCode": 2001  
}
```

## Tenant-level – Get CORS

**URL:** /admin/api/v1/ tenants/{tenantId}/cors

**Method:** GET

## Authentication: Super Admin, Tenant Admin

Field	Data type	Mandatory	Description	Validations
tenantId	int	Y	Tenant identifier	Checks if tenant exists in the DB

## Response body

Field	Data type	Mandatory	Description
id	int	Y	CORS identifier
domain	String	Y	Request origin domain
context	String	Y	Request API context

```
{
  "id":1,
  "domain":"outlook.vidyocloud.com",
  "context": "/api/admin"
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message
404	2001	Tenant doesn't exist
500	2005	Internal server error

```
{
  "message": "Tenant doesn't exist",
  "errorCode": 2001
}
```

## Tenant-level – Update CORS

**URL:** /admin/api/v1/tenants/{tenantId}/cors/{corsId}

**Method:** PUT

## Authentication: Super Admin, Tenant Admin

Field	Data type	Mandatory	Description	Validations
tenantId	int	Y	Tenant identifier	Checks if tenant exists in the DB
corsId	int	Y	CORS identifier	Checks if CORS exists in the DB

## Request body

Field	Data type	Mandatory	Description	Validations
domain	String	Y	Request origin domain	Can't be null or empty. Must not contain white-spaces or special characters other than a full stop (.), dash (-), or asterisk (*).
Context	String	Y	Request API context	Can't be null or empty. Must not contain white-spaces or special characters other than a forward slash (/) or asterisk (*).

```
PUT /admin/api/v1/tenants/{tenantId}/cors/{corsId}
{
  "domain": "new.outlook.vidyocloud.com",
  "context": "/api/admin/v1"
}
```

## Response body

Field	Data type	Mandatory	Description
id	int	Y	CORS identifier
domain	String	Y	Request origin domain
context	String	Y	Request API context

```
{
  "id": 1,
  "domain": "new.outlook.vidyocloud.com",
```

```
"context": "/api/admin/v1"
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message
404	2001	Tenant doesn't exist
404	2002	CORS doesn't exist
400	2003	Domain is required
400	2004	Context is required
500	2005	Internal server error

```
{
  "errors": [
    {
      "errorCode": 2003,
      "message": "Domain is required"
    },
    {
      "errorCode": 2004,
      "message": "Context is required"
    }
  ]
}
```

## Tenant-level – Delete CORS

**URL:** /admin/api/v1/tenants/{tenantId}/cors/{corsId}

**Method:** DELETE

## Authentication: Super Admin, Tenant Admin

Field	Data type	Mandatory	Description	Validations
tenantId	int	Y	Tenant identifier	Checks if tenant exists in the DB
corsId	int	Y	CORS identifier	Checks if CORS exists in the DB

## Response body

```
204 No Content
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message
404	2001	Tenant doesn't exist
400	2002	CORS doesn't exist
500	2005	Internal server error

```
{
  "message": "CORS doesn't exist",
  "errorCode": 2001
}
```



# 5: EPIC Integration Services

REST-based service endpoint to validate the extData.

**Content type:** Application/json

**Supported method:** POST

**Request URL:** https://example.com/api/epic/v1/room/map

## POST

### Sample request

https://[yourtenantfqdn]/api/epic/v1/room/map

```
{
  "extData type" : "1",
  "extData" :
    "sgdfhdsgfhgdshfds46564cashgdw72sdgfdshgjgfsdahfgksdfgjhdsgsdhdashd242764233qwe
    weytrfew6eafgruywerewrsfg=="
}
```

### Request parameter

Name	Type	Description	Required
extData type	Integer	External Integration Id	Yes
extData	String	Encrypted and Base64 encoded data	Yes

### Sample response

```
{
  "roomkey": "73XEXLW8",
  "displayName": "Firstname Lastname"
}
```

# 6: JWT Authentication Secret APIs

System level:

- [Set JWT Authentication Secret](#)
- [Generate JWT Authentication Secret](#)

Tenant level:

- [Set JWT Authentication Secret](#)
- [Generate JWT Authentication Secret](#)
- [Get JWT Authentication Secret](#)

## System Level - Set JWT Authentication Secret

**URL:** /admin/api/v1/system/tenants/jwtAuthenticationSecret

**Method:** PUT

**Authentication:** Super credentials

### Request body

Field	Data type	Mandatory	Description	Validations
	String	N	The authentication secret; for example: 2deC;p<V:3#p85?S3T#,4S] [qpJ6&7R-7KT(C"rET(:<HPr3	Validation of authentication secret. It must contain at least one: <ul style="list-style-type: none"><li>• capital letter</li><li>• special character</li><li>• number</li></ul> Length of authentication secret is dependent on JWT signing algorithm. For HS384, size minimum 48 characters. Should be encoded in Base64.

```
13gb5Zi3sDzs8oNAUiH1vd2SjBRZnnoAlQ3l1eIbEF1bsciNCglGuFw8sNNLyAEZb (BASE 64)
```

## Response body

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For a successful response, its value will be "success".
data	Object	Y	This is the element which encapsulates the API response. For this API, its value is null.
secret	String	Y	This is the new authentication secret generated on the change of signing algorithm.

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message	Scenario
400	101017	Invalid request	If signing algorithm name is invalid. Any other Request body validation failure.
404	101018	Signing Algorithm not configured	If signing algorithm is fetched while it's not configured at the tenant level.
404	101019	Authentication Secret not configured	If authentication secret is fetched while it's not configured at the tenant level.
403			Unauthorized user if anybody other than the Super admin tries to access. Invalid tenant id/FQDN.
500	101020	Internal server error	Internal server error.

```
{
  "version": "1",
  "status": "failure",
  "error": {
    "code": 101017,
    "message": "Invalid request",
    "errors": []
  }
}
```

```
}
```

## System Level - Generate JWT Authentication Secret

**URL:** /admin/api/v1/system/tenants/jwtAuthenticationSecret

**Method:** PUT

**Authentication:** Super credentials

### Response body

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For a successful response, its value is success.
data	Object	Y	This is the element which encapsulates the API response. For this API, its value is null.
secret	String	Y	This is the new authentication secret generated on the change of signing algorithm.

```
{
  "version": "1",
  "status": "success",
  "data": {
    "authenticationSecret": [{
      "secret":
"asdfasdfasfLXZ1cnktbG9uZy1zZWNyZXQta2V5LWZvcilzaWduaW5nLWp3dC10b2t1bnM="
    }]
  }
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message	Scenario
400	101017	Invalid request	If signing algorithm name is invalid. Any other Request body validation failure.
404	101018	Signing Algorithm not configured	If signing algorithm is fetched while it's not configured at tenant level.
404	101019	Authentication Secret not configured	If authentication secret is fetched while it's not configured at tenant level.
403			Unauthorized user If anybody other than Super admin tries to access. Invalid tenant id/FQDN.
500	101020	Internal server error	Internal server error.

```
{
  "version": "1",
  "status": "failure",
  "error": {
    "code": 101017,
    "message": "Invalid request",
    "errors": []
  }
}
```

## Tenant Level - Set JWT Authentication Secret

**URL:** /admin/api/v1/tenants/{tenantId}/jwtAuthenticationSecret

**Method:** PUT

**Authentication:** Super credentials

Field	Data type	Mandatory	Description	Validations
tenantId / Tenant FQDN	String	Y	The tenant id or tenant FQDN for which endpoint behavior mode will be configured	Validate if the tenant id is a valid tenantid or not.

## Request body

Field	Data type	Mandatory	Description	Validations
	String	N	The authentication secret; for example: 2deC;p<V:3#p85?S3T#,4S] [qp]6&7R-7KT(C"rET(:<HPr3	Validation of authentication secret. it must contain at least one: <ul style="list-style-type: none"><li>capital letter</li><li>special character</li></ul> Length of authentication secret is dependent on JWT signing algorithm. For HS384, size minimum 48 characters. Should be encoded in Base64.

```
13gb5Zi3sDzs8oNAUiHlvd2SjBRZnnoAlQ3l1eIbEF1bsciNCglGuFw8sNNLyAEZb (BASE 64)
```

## Response body

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For a successful response, its value will be "success".
data	Object	Y	This is the element which encapsulates the API response. For this API, its value is null.
secret	String	Y	This is the new authentication secret generated on the change of signing algorithm.

```
{
  "version": "1",
  "status": "success",
  "data": {
    "authenticationSecret": [{
      "secret":
"asdfasdfasfLXZlcnktbG9uZy1zZWNYZXQta2V5LWZvcilzaWduaW5nLWp3dC10b2t1bnM="
    }]
  }
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message	Scenario
400	101017	Invalid request	If signing algorithm name is invalid. Any other Request body validation failure.
404	101018	Signing Algorithm not configured	If signing algorithm is fetched while it's not configured at tenant level.
404	101019	Authentication Secret not configured	If authentication secret is fetched while it's not configured at tenant level.
403			Unauthorized user if anybody other than Super admin tries to access. Invalid tenant id/FQDN.
500	101020	Internal server error	Internal server error.

```
{
  "version": "1",
  "status": "failure",
  "error": {
    "code": 101017,
    "message": "Invalid request",
    "errors": []
  }
}
```

# Tenant Level - Generate JWT Authentication Secret

**URL:** /admin/api/v1/tenants/{tenantId}/jwtAuthenticationSecret

**Method:** PUT

**Authentication:** Super credentials

Field	Data type	Mandatory	Description	Validations
tenantId / Tenant FQDN	String	Y	The tenant id or tenant FQDN for which endpoint behavior mode will be configured.	Validate if the tenant id is a valid tenantid or not.

## Response body

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For a successful response, its value will be "success".
data	Object	Y	This is the element which encapsulates the API response. For this API, its value is null.
secret	String	Y	This is the new authentication secret generated on the change of signing algorithm.

```
{
  "version": "1",
  "status": "success",
  "data": {
    "authenticationSecret": [{
      "secret":
"asdfasdfasfLXZlcnktbG9uZy1zZWNyZXQta2V5LWZvcilzaWduaW5nLWp3dC10b2t1bnM="
    }]
  }
}
```



## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message	Scenario
400	101017	Invalid request	If signing algorithm name is invalid. Any other Request body validation failure.
404	101018	Signing Algorithm not configured	If signing algorithm is fetched while it's not configured at tenant level.
404	101019	Authentication Secret not configured	If authentication secret is fetched while it's not configured at tenant level.
403			Unauthorized user if anybody other than Super admin tries to access. Invalid tenant id/FQDN.
500	101020	Internal server error	Internal server error.

```
{
  "version": "1",
  "status": "failure",
  "error": {
    "code": 101017,
    "message": "Invalid request",
    "errors": []
  }
}
```

## Tenant Level - Get JWT Authentication Secret

**URL:** /admin/api/v1/tenants/{tenantId}/jwtAuthenticationSecret

**Method:** GET

**Authentication:** Super credentials

Field	Data type	Mandatory	Description	Validations
tenantId / Tenant	String	Y	The tenant id or tenant FQDN for which endpoint behavior	Validate if the

Field	Data type	Mandatory	Description	Validations
FQDN			mode will be configured	tenant id is a valid tenantid or not.

## Response body

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For a successful response, its value will be "success".
data	Object	Y	This is the element which encapsulates the API response. For this API, its value is null.
secret	String	Y	This is the new authentication secret generated on the change of signing algorithm.

```
{
  "version": "1",
  "status": "success",
  "data": {
    "authenticationSecret": [{
      "secret":
"asdfasdfasfLXZlcnktbG9uZy1zZWNyZXQta2V5LWZvcilzaWduaW5nLWp3dC10b2t1bnM="
    }]
  }
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message	Scenario
400	101017	Invalid request	If signing algorithm name is invalid. Any other Request body validation failure.

HTTP response code	Error code	Error message	Scenario
404	101018	Signing Algorithm not configured	If signing algorithm is fetched while it's not configured at tenant level.
404	101019	Authentication Secret not configured	If authentication secret is fetched while it's not configured at tenant level.
403			Unauthorized user if anybody other than Super admin tries to access. Invalid tenant id/FQDN.
500	101020	Internal server error	Internal server error.

```
{
  "version": "1",
  "status": "failure",
  "error": {
    "code": 101017,
    "message": "Invalid request",
    "errors": []
  }
}
```

# 7: localAuthentication

---

Enables local authentication.

**Content type:** Application/json

**Supported method:** POST

**Sample URL:** <http://yourfqdn/admin/service/localAuthentication>

## POST

### Sample request

```
http://example.com/admin/service/localAuthentication
```

### Sample response

```
{
  "status": {
    "code": "200",
    "message": "OK"
  },
  "data": null
}
```

# 8: restAuthentication

---

Allows Super Admins and Admins to set up REST-based authentication.

**Content type:** Application/json

**Supported method:** GET, POST, and PUT

**Sample URL:** <http://yourfqdn/admin/service/restAuthentication>

## GET

### Sample request

```
http://example.com/admin/service/restAuthentication
```

### Sample response

```
{
  "status": {
    "code": "200",
    "message": "OK"
  },
  "data": {
    "restUrl": "https://webservice.example.com/authentication",
    "assignedRoles": [
      {
        "roleID": 1,
        "roleName": "Admin",
        "roleDescription": "Admin"
      },
      {
        "roleID": 3,
        "roleName": "Normal",
        "roleDescription": "Normal"
      }
    ]
  }
}
```

```
    "restAuthConfigured":true
  }
}
```

## PUT

### Sample request

```
{
  "restUrl":"https://webservice.example.com/authentication",
  "assignedRoles":[
    {
      "roleID":1,
      "roleName":"Admin",
      "roleDescription":"Admin"
    },
    {
      "roleID":3,
      "roleName":"Normal",
      "roleDescription":"Normal"
    }
  ]
}
```

### Sample response

```
{
  "status":{
    "code":"200",
    "message":"OK"
  },
  "data":{
    "restUrl":"https://webservice.example.com/authentication",
    "assignedRoles":[
      {
```

```

        "roleID":1,
        "roleName":"Admin",
        "roleDescription":"Admin"
    },
    {
        "roleID":3,
        "roleName":"Normal",
        "roleDescription":"Normal"
    }
],
"restAuthConfigured":true
}
}

```

## Error responses

Status code: 405 Method Not Allowed

Status code: 400 Bad Request

## POST

### Sample request

```

{
  "restUrl":"https://webservice.example.com/authentication",
  "assignedRoles":[
    {
      "roleID":1,
      "roleName":"Admin",
      "roleDescription":"Admin"
    },
    {
      "roleID":3,
      "roleName":"Normal",
      "roleDescription":"Normal"
    }
  ]
}

```

```
]
}
```

## Sample response

```
{
  "status":{
    "code":"200",
    "message":"OK"
  },
  "data":{
    "restUrl":"https://webservice.example.com/authentication",
    "assignedRoles":[
      {
        "roleID":1,
        "roleName":"Admin",
        "roleDescription":"Admin"
      },
      {
        "roleID":3,
        "roleName":"Normal",
        "roleDescription":"Normal"
      }
    ],
    "restAuthConfigured":true
  }
}
```

## Error responses

Status code: 405 Method Not Allowed

Status code: 400 Bad Request



## Request parameter

Name	Type	Description	Required
restURL	String	URL of the REST service which will perform the authentication	Yes
assignedRoles	List of Role Objects	A list of roles and user types that will be affected by the REST authentication	Yes
roleID	Integer	Role ID	Yes
roleName	String	Name of the role	No
roleDescription	String	Describes the role	No
restAuthConfigured	Boolean	Indicates whether the REST authentication is enabled	Yes

# 8: SAML APIs

---

[samlMetadata](#)

[samlAttributeMappings](#)

[samlAdditionalAttributeMappings](#)

## samlMetadata

Allows Super Admins and Admins to set up SAML-based authentication.

**Content type:** Application/json

**Supported method:** GET, POST, and PUT

**Sample URL:** <http://yourfqdn/admin/service/samlMetadata>

### GET

#### Sample request

```
http://example.com/admin/service/samlMetadata
```

#### Sample response

```
{
  "status": {
    "code": "200",
    "message": "OK"
  },
  "data": {
    "entityId": "vcportalgh2.vidyoqa.lo",
    "securityProfile": "PKIX",
    "sslSecurityProfile": "PKIX",
    "signMetadata": false,
    "base64EncodedMetadata": "PD94bWwgdmVyc2lvbj0iMS4.."
  }
}
```

## POST

### Sample request

```
{
  "entityId":"vcportalgh2.vidyoqa.lo",
  "securityProfile":"PKIX",
  "sslSecurityProfile":"PKIX",
  "signMetadata":false,
  "base64EncodedMetadata":"PD94bWwgdm.."
}
```

### Sample response

```
{
  "status":{
    "code":"200",
    "message":"OK"
  },
  "data":{
    "entityId":"vcportalgh2.vidyoqa.lo",
    "securityProfile":"PKIX",
    "sslSecurityProfile":"PKIX",
    "signMetadata":false,
    "base64EncodedMetadata":"PD94.."
  }
}
```

### Error response

Status code: 405 Method Not Allowed

## PUT

### Sample request

```
{
```

```

"entityId":"vcportalgh2.vidyoqa.lo",
"securityProfile":"PKIX",
"sslSecurityProfile":"PKIX",
"signMetadata":false,
"base64EncodedMetadata":"PD94bWwgdm.."
}

```

## Sample response

```

{
  "status":{
    "code":"200",
    "message":"OK"
  },
  "data":{
    "entityId":"vcportalgh2.vidyoqa.lo",
    "securityProfile":"PKIX",
    "sslSecurityProfile":"PKIX",
    "signMetadata":false,
    "base64EncodedMetadata":"PD94.."
  }
}

```

## Error response

Status code: 405 Method Not Allowed

## Request parameter

Name	Type	Description	Required
entityId	String	Entity ID of the SAML configuration	Yes
securityProfile	String	PKIX or METAIOP	Yes
sslSecurityProfile	String	PKIX or METAIOP	Yes
signMetadata	Boolean	Specifies a value of true or false	Yes
base64EncodeMetadata	String	Base64 encode IDP Metadata XML	Yes

# samlAttributeMappings

Creates SAML attribute mappings for auto-provisioning.

**Content type:** Application/json

**Supported method:** GET, POST, and PUT

**Sample URL:** <http://yourfqdn/admin/service/samlAttributeMappings>

## GET

### Sample request

```
http://example.com/admin/service/samlAttributeMappings
```

### Sample response

```
{
  "status": {
    "code": "200",
    "message": "OK"
  },
  "data": {
    "idpmappinglist": [
      {
        "mappingID": 18,
        "tenantID": 1,
        "vidyoAttributeName": "UserName",
        "idpAttributeName": "test",
        "defaultAttributeValue": ""
      },
      {
        "mappingID": 19,
        "tenantID": 1,
        "vidyoAttributeName": "UserType",
        "idpAttributeName": "",
        "defaultAttributeValue": "Normal"
      }
    ]
  }
}
```

```

{
    "mappingID":20,
    "tenantID":1,
    "vidyoAttributeName":"DisplayName",
    "idpAttributeName":"",
    "defaultAttributeValue":""
},
{
    "mappingID":21,
    "tenantID":1,
    "vidyoAttributeName":"EmailAddress",
    "idpAttributeName":"",
    "defaultAttributeValue":"yourcompany.com"
},
{
    "mappingID":22,
    "tenantID":1,
    "vidyoAttributeName":"Extension",
    "idpAttributeName":"",
    "defaultAttributeValue":""
},
{
    "mappingID":23,
    "tenantID":1,
    "vidyoAttributeName":"Group",
    "idpAttributeName":"",
    "defaultAttributeValue":"Default"
},
{
    "mappingID":24,
    "tenantID":1,
    "vidyoAttributeName":"Description",
    "idpAttributeName":"",
    "defaultAttributeValue":"Idp Provisioned User"
},
{

```

```

        "mappingID":25,
        "tenantID":1,
        "vidyoAttributeName":"Proxy",
        "idpAttributeName":"",
        "defaultAttributeValue":"No Proxy"
    },
    {
        "mappingID":26,
        "tenantID":1,
        "vidyoAttributeName":"LocationTag",
        "idpAttributeName":"",
        "defaultAttributeValue":"Default"
    },
    {
        "mappingID":27,
        "tenantID":1,
        "vidyoAttributeName":"PhoneNumber1",
        "idpAttributeName":"",
        "defaultAttributeValue":""
    },
    {
        "mappingID":28,
        "tenantID":1,
        "vidyoAttributeName":"PhoneNumber2",
        "idpAttributeName":"",
        "defaultAttributeValue":""
    },
    {
        "mappingID":29,
        "tenantID":1,
        "vidyoAttributeName":"PhoneNumber3",
        "idpAttributeName":"",
        "defaultAttributeValue":""
    },
    {
        "mappingID":31,

```

```

        "tenantID":1,
        "vidyoAttributeName":"Department",
        "idpAttributeName":"",
        "defaultAttributeValue":""
    },
    {
        "mappingID":32,
        "tenantID":1,
        "vidyoAttributeName":"Title",
        "idpAttributeName":"",
        "defaultAttributeValue":""
    },
    {
        "mappingID":33,
        "tenantID":1,
        "vidyoAttributeName":"IM",
        "idpAttributeName":"",
        "defaultAttributeValue":""
    },
    {
        "mappingID":34,
        "tenantID":1,
        "vidyoAttributeName":"Location",
        "idpAttributeName":"",
        "defaultAttributeValue":""
    }
]
}
}

```

## POST

### Sample request

```

{
  "idpmappinglist":[

```



```

{
  "mappingID":18,
  "tenantID":1,
  "vidyoAttributeName":"UserName",
  "idpAttributeName":"test",
  "defaultAttributeValue":""
},
{
  "mappingID":19,
  "tenantID":1,
  "vidyoAttributeName":"UserType",
  "idpAttributeName":"",
  "defaultAttributeValue":"Normal"
}
]
}

```

## Sample response

```

{
  "status":{
    "code":"200",
    "message":"OK"
  },
  "data":{
    "idpmappinglist":[
      {
        "mappingID":18,
        "tenantID":1,
        "vidyoAttributeName":"UserName",
        "idpAttributeName":"test",
        "defaultAttributeValue":""
      },
      {
        "mappingID":19,
        "tenantID":1,

```

```

        "vidyoAttributeName": "UserType",
        "idpAttributeName": "",
        "defaultAttributeValue": "Normal"
    }
]
}
}

```

## PUT

### Sample request

```

{
  "idpmappinglist": [
    {
      "mappingID": 18,
      "tenantID": 1,
      "vidyoAttributeName": "UserName",
      "idpAttributeName": "test",
      "defaultAttributeValue": ""
    },
    {
      "mappingID": 19,
      "tenantID": 1,
      "vidyoAttributeName": "UserType",
      "idpAttributeName": "",
      "defaultAttributeValue": "Normal"
    }
  ]
}

```

### Sample response

```

{
  "status": {
    "code": "200",

```

```

    "message": "OK"
  },
  "data": {
    "idpmappinglist": [
      {
        "mappingID": 18,
        "tenantID": 1,
        "vidyoAttributeName": "UserName",
        "idpAttributeName": "test",
        "defaultAttributeValue": ""
      },
      {
        "mappingID": 19,
        "tenantID": 1,
        "vidyoAttributeName": "UserType",
        "idpAttributeName": "",
        "defaultAttributeValue": "Normal"
      }
    ]
  }
}

```

## Request parameter

Name	Type	Description	Required
MappingID	String	ID	Yes
vidyoAttributeName	String	The attribute name that Vidyo uses	Yes
idpAttributeName	String	The IDP/IDAP attribute that will be mapped to the name of the Vidyo attribute	Yes
defaultAttributeValue	Boolean	Default value if nothing is mapped	No
tenantID	Integer	Tenant ID	Yes

## samlAdditionalAttributeMappings

Creates additional SAML attribute mappings needed for auto-provisioning, such as user type or group.

**Content type:** Application/json

**Supported method:** GET, PUT, and DELETE

**Sample URL:** http://yourfqdn/admin/service/samlAttributeMappings/

## GET

### URL parameter

http://yourfqdn/admin/service/samlAttributeMappings/{mappingID}

### Sample request

```
http://example.com/admin/service/samlAdditionalAttributeMappings/19
```

### Sample response

```
{
  "status":{
    "code":"200",
    "message":"OK"
  },
  "data":{
    "idpvaluemappinglist":[
      {
        "valueID":2,
        "mappingID":19,
        "vidyoValueName":"Executive",
        "idpValueName":""
      },
      {
        "valueID":1,
        "mappingID":19,
        "vidyoValueName":"Normal",
        "idpValueName":""
      }
    ]
  }
}
```

## PUT

### Sample request

```
{
  "idpvaluemappinglist": [
    {
      "valueID": 2,
      "mappingID": 19,
      "vidyoValueName": "Executive",
      "idpValueName": ""
    },
    {
      "valueID": 1,
      "mappingID": 19,
      "vidyoValueName": "Normal",
      "idpValueName": ""
    }
  ]
}
```

### Sample response

```
{
  "status": {
    "code": "200",
    "message": "OK"
  },
  "data": {
    "idpvaluemappinglist": [
      {
        "valueID": 2,
        "mappingID": 19,
        "vidyoValueName": "Executive",
        "idpValueName": ""
      },

```

```
{
  "valueID":1,
  "mappingID":19,
  "vidyoValueName":"Normal",
  "idpValueName":""
}
```

## DELETE

### URL parameter

```
http://yourfqdn/admin/service/samlAttributeMappings/{valueID}
```

### Sample request

```
http://example.com/admin/service/samlAdditionalAttributeMappings/2
```

### Sample response

```
{
  "status":{
    "code":"200",
    "message":"Deleted Successfully"
  },
  "data":null
}
```

### Request parameter

Name	Type	Description	Required
valueID	String	ID	Yes
mappingID	String	Attribute mapping ID	Yes

Name	Type	Description	Required
vidyoValueName	String	Name of the Vidyo attribute	No
idpValueName	Boolean	Name of the IDP value	Yes

# 9: Server Token APIs

[Refresh Token](#)

[Add Server Token](#)

[Get Server Tokens](#)

[Delete Server Token](#)

## Refresh Token

**URL:** /api/v1/refreshToken

**Method:** GET

**Authentication:** Bearer <refreshToken>

### Request Header

Header	Data type	Mandatory	Description	Validations
Authorization	String	Y	Bearer <refreshToken>	Check if refreshToken is valid or not or empty.

### Response body

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For a successful response, its value will be "success".
data	Object	Y	This is the element which encapsulates the API response. For this API, its value is null.
jwtToken	String	Y	This is the new jwtToken.

```
{
  "version": "1",
  "status": "success",
```



```

    "data": {
      "jwtToken":
"eyJhbGciOiJIUzI1NiIsInR5cGE6ImF0Ij06eyJ0ZXMudmlkeW8udXMucmQuZWlsYWludm16IiwidGVuYW50SWQiojgsImVuZHBvaW50R3VpZCI6ImNmYmE0MDI3LTZjYjgtNGIzMlhnZmE5LTJlMmJmMzNmZkYiIsIm1lbWJlc1R5cGUiOiJHVUVTVCIsInRva2VuVHlwZSI6IlJFR1VMQVIiLCJlc2VySWQiOiJEsIm1hdCI6MTYzNTQyNjg4MywiZXhwIjoxNjM1NDI2OTEzfQ.9XPpA8_ocfFImKnYyu3nTyQmvsUc3uqkwmlFhZn5rsn1EVBUn1I4K12UJqtq5LLq"
    }
  }

```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message	Scenario
404	101018	Signing Algorithm not configured	If invalid, refreshToken is header or empty.
403			

```

{
  "version": "string",
  "status": "string",
  "error": {
    "code": 0,
    "message": "string",
    "errors": [
      "string"
    ]
  }
}

```

## Add Server Token

**URL:** http://{tenantFQDN}/admin/api/v1/serverTokens

**Method:** POST

**Authentication:** Super credentials

## Request body

Field	Data type	Mandatory	Description	Validations
serverToken	String	Y	Token is in GUID format.	It is validated by GUID 8-3-3-12 characters (alpha-numeric).

```
{
  "token": "c060aea2-5d5c-4792-b162-e7f6bfe5472d"
}
```

## Response body

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For a successful response, its value will be "success".
data	Object	Y	This is the element which encapsulates the API response. For this API, its value is null.

```
{
  "version": "1",
  "status": "success",
  "data": null
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message	Scenario
400		Bad request	
401		Unauthorized	
403		Forbidden	
500		Internal server error	

```
{
  "version": 1,
  "status": "failure",
  "error": {
    "code": 101033,
    "message": "Bad request",
    "errors": []
  }
}
```

## Get Server Tokens

**URL:** http://{tenantFQDN}/admin/api/v1/serverTokens

**Method:** GET

**Authentication:** Super credentials

### Response body

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For a successful response, its value will be "success".
data	Object	Y	This is the element which encapsulates the API response. For this API, its value is null.
id	Integer	Y	serverToken id from DB
serverToken	String	Y	

```
{
  "version": "1",
  "status": "success",
  "data": [
    {
      "id": 1,
      "serverToken": "c060aea2-5d5c-4792-b162-e7f6bfe5472d"
    }
  ]
}
```

```
}  
  
]  
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message	Scenario
401		Unauthorized	
403		Forbidden	
500		Internal server error	

```
{  
  "version": "1",  
  "status": "failure",  
  "error": {  
    "code": 101033,  
    "message": "Bad request",  
    "errors": [  
      "string"  
    ]  
  }  
}
```

## Delete Server Token

**URL:** http://{tenantFQDN}/admin/api/v1/serverTokens/{serverTokenId}

**Method:** DELETE

**Authentication:** Super credentials

### Response body

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.

Field	Data type	Mandatory	Description
status	String	Y	Defines the response status. For a successful response, its value will be "success".
data	Object	Y	This is the element which encapsulates the API response. For this API, its value is null.

```
{
  "version": "1",
  "status": "success",
  "data": null
}
```

## HTTP status codes, error codes, and messages

HTTP response code	Error code	Error message	Scenario
401		Unauthorized	
403		Forbidden	
404		Not found	
500		Internal server error	

```
{
  "version": "1",
  "status": "failure",
  "error": {
    "code": 101033,
    "message": "Bad request",
    "errors": [
      "string"
    ]
  }
}
```

# 10: REST Super Admin APIs

Only Super Admins have authorization to access the REST APIs included in this section.

[Get All Log Categories](#)

[Modify Log Level for the Logger Category](#)

[Reset Log Level to Default](#)

[Endpoint Behavior Mode](#)

[CDR Obfuscation Profiles](#)

[Minimum Endpoint Version – System Level Configuration](#)

[Minimum Endpoint Version – Tenant Level Configuration](#)

## Get All Log Categories

This API returns all logger category log levels that are configured in the application and it always serves the current state of the logger.

If a category name is provided in this API as a Path-Variable, it will return a single logger category and level.

```
1/api/v1/system/logcategories/{LogCategoryName}
```

If no Path-Variable is define in this API, the API will return a list of logger categories.

```
1/api/v1/system/logcategories/
```

**URL:** [PortalFQDN]/api/v1/system/logcategories

**Method:** GET

## Request parameters

Gets a single logger log category level. For example:

```
PortalFQDN]/api/v1/system/logcategories/com.vidyo.customparameter.CustomParameterLogger
```

Field	Data type	Mandatory	Description	Validations
logCategoryName	String	N	Gets single logger log category and level	None

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### JSON response parameters

Field	Parent	Data type	Mandatory	Description
version		String	Y	Defines the version of the API.
status		String	Y	Defines the response status. For a successful response, the value will be "success".
data	Parent	Object	N	The parent object which contains a child object logCategories.
logCategories	Parent	Array	Y	The child object of the data. This is the array of logger objects which encapsulates category the API response. It is described in the subsequent rows.
name		String	Y	Name of logger that was configured in log4j.xml
level		String	Y	Log level currently present in log4j.xml

### Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {
    "logCategories": [
      {
        "name": "root",
        "level": "INFO"
      },
      {
        "name": "com.package",
        "level": "DEBUG"
      }
    ]
  }
}
```

```

    {
      "name": "com.package.sample",
      "level": "DEBUG"
    }
    {
      "name": "mylogger",
      "level": "DEBUG"
    }
  ]
}
}

```

## Error responses

Occurs if validation of mandatory parameters fails. In this scenario, the list of errors will be returned in the JSON body. The Status code is 400. `HttpStatus.BAD_REQUEST`.

### Error response parameters

Field	Parent	Data type	Mandatory	Description
version		String	Y	Defines the version of the API.
status		String	Y	Defines the response status. For an Error response, the value will be "failure".
error	Parent	Object	Y	The element that encapsulates the API error details.
code		Integer	Y	The Error code for the error.
message		Text	Y	Describes the error.
errors		List	N	The list of errors in case of request validation failure. Its value will be null for all the error scenarios other than request validation failure.

### JSON error response structure when requested logger category is not present

```

{
  "version": "1",
  "status": "failure",
  "error": {

```



```

    "code":101003,
    "message":"Bad request",
    "errors":[
        "Logger category not present"
    ]
}
}

```

## HTTP status codes, error codes, messages, and error messages

Error responses will be handled the same way as the REST LOGIN API described previously.

HTTP response code	Error code	Error message	Scenario
400	101003	Bad request	Logger category not present
401			Unauthorized user if anybody other than Super admin tries to access.
500	101004	Internal server error	Could occur due to any unhandled exception scenario.

## Modify Log Level for the Logger Category

This API modifies the log level of the logger categories.

**URL:** [PortalFQDN]/api/v1/system/logcategories

**Method:** PUT

### Request body JSON

```

{
  "logCategories":[
    {
      "name":"value1",
      "level":"debug"
    }
    {
      "name":"value11",
      "level":"error"
    }
  ]
}

```

```

    }
    {
        "name": "value11",
        "level": "info"
    }
]
}

```

Field	Parent	Data type	Mandatory	Description
logCategories	Parent	Array	Y	Array of log category objects.
level		String	Y	Log level from which we want to update the existing logger category log level.
name		String	Y	Name of logger category whose log level we want to modify.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### JSON response parameters

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For a successful response, the value will be "success".
data	Object	N	The element that encapsulates the API response. For this API, its value is null.

### Sample JSON response

```

{
    "version": "1",
    "status": "success",
    "data": null
}

```

```
}
```

## Error responses

Occurs if validation of mandatory parameters are not passed or invalid parameters pass in the Request body. In this scenario, the list of errors will be returned in the JSON body. The Status code is 400 . `HttpStatus.BAD_REQUEST`.

### Error response parameters

Field	Parent	Data type	Mandatory	Description
version		String	Y	Defines the version of the API.
status		String	Y	Defines the response status. For an Error response, the value will be "failure".
error	Parent	Object	Y	The element that encapsulates the API error details.
code		Integer	Y	The Error code for the error.
message		Text	Y	Describes the error.
errors		List	N	The list of errors in case of request validation failure. Its value will be null for all the error scenarios other than request validation failure.

### JSON error response structure

- Request body other than JSON content-type
- Space/backslash
- {} empty Request body
- [] like this

```
{
  "version": "1",
  "status": "failure",
  "error": {
    "code": 101003,
    "message": "Bad request",
    "errors": []
  }
}
```

```
}
```

## JSON error response structure when requested logger category is not present

```
{
  "version": "1",
  "status": "failure",
  "error": {
    "code": 101003,
    "message": "Bad request",
    "errors": [
      "Logger category not present"
    ]
  }
}
```

## HTTP status codes, error codes, messages, and error messages

Error responses will be handled the same way as the REST LOGIN API described previously.

HTTP response code	Error code	Error message	Scenario
400	101003	Bad request	Logger category not present
401			Unauthorized user if anybody other than Super admin tries to access.
500	101004	Internal server error	Could occur due to any unhandled exception scenario.

## Reset Log Level to Default

This API resets the logger category level to its default state.

**URL:** [PortalFQDN]/api/v1/system/logcategories/reset

**Method:** PUT

## Success response

```
{
```

```
"version": "1",  
"status": "success",  
"data": null  
}
```

## Error responses

This API does not require any Request body or path variable, therefore 400. `HttpStatus.BAD_REQUEST` will not occur in this API.

### Error response parameters

Field	Parent	Data type	Mandatory	Description
version		String	Y	Defines the version of the API.
status		String	Y	Defines the response status. For an Error response, the value will be "failure".
error	Parent	Object	Y	The element that encapsulates the API error details.
code		Integer	Y	The Error code for the error.
message		Text	Y	Describes the error.
errors		List	N	The list of errors in case of request validation failure. Its value will be null for all the error scenarios other than request validation failure.

### HTTP status codes, error codes, messages, and error messages

Error responses will be handled the same way as the REST LOGIN API described previously.

HTTP response code	Error code	Error message	Scenario
401			Unauthorized user if anybody other than Super admin tries to access.
500	101004	Internal server error	Could occur due to any unhandled exception scenario.

## Endpoint Behavior Mode

This is a REST-based service endpoint used to add, edit, update, and get Endpoint Behavior Mode.

## Create Endpoint Behavior Mode API

This Super Admin API enables creation of Endpoint Behavior Labels/Modes for different tenants. The API supports the authentication process similar to all the other APIs in the Admin application (i.e., basic authentication). Auth tokens are not supported on this.

The API ensures that the default endpoint behaviors are not impacted or touched upon since they will be managed only from the legacy SOAP APIs.

### Note

All the API request fields which are "String" will accept and treat Boolean as a string value.

**URL:** [PortalFQDN]/admin/api/v1/tenants/{tenantId or tenantFqdn}/endpoints/behaviours

**Method:** POST

### Path variables

Field	Data type	Mandatory	Description	Validations
tenantId / Tenant FQDN	String	Y	The tenant ID or tenant FQDN for which endpoint behavior mode will be configured	Validate if the tenant ID is a valid tenant ID or not

### JSON parameters

Field	Data type	Parent	Mandatory	Description	Validations
audioMuteControl	int		Y		Possible Values - 0,1 Mandatory check
AutomaticallyUp-date	int		Y		Possible Values - 0,1 Mandatory check
beautyScreen	int		Y		Possible Values - 0,1 Mandatory check
bottomIframeSize	int		N		Should range between 0-100

Field	Data type	Parent	Mandatory	Description	Validations
bottomIframeUrl	String		N		Length should be less than or equal to 2048
cameraMute-Control	int		Y		Possible Values - 0,1 Mandatory check
contentSharing	int		Y		Possible Values - 0,1 Mandatory check
deviceSettings	int		Y		Possible Values - 0,1 Mandatory check
displayLabels	int		Y		Possible Values - 0,1 Mandatory check
enableAutoAnswer	int		Y		Possible Values - 0,1 Mandatory check
endpointBehavior	Object	parent	Y	The parent object that encapsulates all the behavior attributes	
exitOnUser-Hangup	int		Y		Possible Values - 0,1 Mandatory check
fullScreenVideo	int		Y		Possible Values - 0,1 Mandatory check
inCallSearch	int		Y		Possible Values

Field	Data type	Parent	Mandatory	Description	Validations
					- 0,1 Mandatory check
inviteParticipants	int		Y		Possible Values - 0,1 Mandatory check
label	String		Y	The label/mode for the endpoint behavior data which is getting stored	Validate that the label is not already present for a specific tenant. Validate for alphanumeric values. Anything other than alphanumeric will be rejected. Validate that label is not "DEFAULT". Max size 64 chars Mandatory check
leftIframeSize	int		N		Should range between 0-100
leftIframeUrl	String		N		Length should be less than or equal to 2048
leftPanel	int		Y		Possible Values - 0,1 Mandatory check
lockUserName	int		Y		Possible Values - 0,1 Mandatory check



Field	Data type	Parent	Mandatory	Description	Validations
loginModule	int		Y		Possible Values - 0,1 Mandatory check
logoutOnUser- Hangup	int		Y		Possible Values - 0,1
muteAudioOn-Entry	int		Y		Possible Values - 0,1 Mandatory check
muteCameraOn- Entry	int		Y		Possible Values - 0,1 Mandatory check
participantNoti- fication	int		Y		Possible Values - 0,1 Mandatory check
pinnedParticipant	int		Y		Possible Values - 0,1 Mandatory check
postIframeSize	int		N		Should range between 0-100
postIframeUrl	String		N		Length should be less than or equal to 2048
preIframeSize	int		N		Should range between 0-100
preIframeUrl	String		N		Length should be less than or equal to 2048
publicChat	int		Y		Possible Values - 0,1 Mandatory check
recordConference	int		Y		Possible Values

Field	Data type	Parent	Mandatory	Description	Validations
					- 0,1 Mandatory check
recordingRole	String		N		This should be based on description in Recorder Endpoints. Max size 64 chars
remoteContentAccess	int		Y		Possible Values - 0,1 Mandatory check
rightIframeSize	int		N		Should range between 0-100
rightIframeUrl	String		N		Length should be less than or equal to 2048
shareDialogOnJoin	int		Y		Possible Values - 0,1 Mandatory check
topIframeSize	int		N		Should range between 0-100
topIframeUrl	String		N		Length should be less than or equal to 2048
welcomePage	int		Y		Possible Values - 0,1 Mandatory check
windowPosition-Bottom	int		N		Range - 999999999 to 999999999
windowPosition-Left	int		N		Range - 999999999 to 999999999

Field	Data type	Parent	Mandatory	Description	Validations
windowPosition-Right	int		N		Range - 999999999 to 999999999
windowPosition-Top	int		N		Range - 999999999 to 999999999
windowSizeHeight	int		N		Range - 999999999 to 999999999
windowSizeWidth	int		N		Range - 999999999 to 999999999

## Sample request

```
{
  "endpointBehavior" : {
    "label": "e1",
    "welcomePage": "1",
    "beautyScreen": "1",
    "loginModule": "1",
    "publicChat": "1",
    "leftPanel": "0",
    "inCallSearch" : "0",
    "inCallSearch" : "0",
    "inviteParticipants" : "0",
    "contentSharing" : "1",
    "shareDialogOnJoin" : "1",
    "displayLabels" : "1",
    "remoteContentAccess" : "1",
    "cameraMuteControl" : "1",
    "muteCameraOnEntry" : "1",
    "audioMuteControl" : "1",
    "muteAudioOnEntry" : "1",
    "deviceSettings" : "1",
    "pinnedParticipant" : "0",
```

```

    "recordConference" : "0",
    "exitOnUserHangup" : "0",
    "automaticallyUpdate" : "0",
    "lockUserName" : "0",
    "enableAutoAnswer" : "0",
    "participantNotification" : "0",
    "fullScreenVideo" : "0"
  }
}

```

## Success response

In case of success, success code 200 HttpStatus.OK is returned with the JSON content shown below.

### JSON response parameters

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For successful response, its value will be "success"
data	Object	N	This is the element which encapsulates the API response. For this API its value is null

### Sample JSON response

```

{
  "version": "1",
  "status": "success",
  "data": null
}

```

## Error responses

Error responses will be handled the same way as the REST LOGIN API described previously.

HTTP response code	Error code	Error message	Scenario
400	101015	Invalid request	<p>Validate that the label is not already present for a specific tenant.</p> <p>Validate label for alphanumeric values. Anything other than alphanumeric will be discarded.</p> <p>Validate that label is not "DEFAULT".</p> <p>Any other Request body validation failure.</p>
403			<p>Unauthorized user if anybody other than Super admin tries to access.</p> <p>Invalid tenant ID/FQDN.</p>
404	101016	Not Found	Endpoint behavior is not enabled for the tenant.
500	101014	Unexpected server side error	Internal server error.

## Update Endpoint Behavior Mode API

This API allows the Super Admin to update the endpoint behavior attributes for a specific endpointBehaviorLabel. The API allows altering of partial/specific data and will not limit to just that. If a person wishes to change all the behavior attributes of a specific endpointLabel/mode, they will be able to do so. However, when changing or omitting any of the behavior attributes, all the mandatory conditions have to be satisfied in the same manner as the Create API. What this means is that a user cannot omit a mandatory behavior attribute using the Update API.

**URL:** [PortalFQDN]/admin/api/v1/tenants/{tenantId or tenantFqdn}/endpoints/behaviours/{label}

**Method:** PATCH

### Path variables

Field	Data type	Mandatory	Description	Validations
tenantId / Tenant FQDN	String	Y	The tenant ID or tenant FQDN for which endpoint behavior mode will be configured	Validate if the tenant ID is a valid tenant ID or not
label	String	Y	The label/mode for the endpoint behavior data which is getting updated	<p>Validate that the label is present for a specific tenant</p> <p>Validate that</p>

Field	Data type	Mandatory	Description	Validations
				label is not "DEFAULT" Mandatory check

## JSON parameters

The JSON parameters are similar to the Create Endpoint Behavior Mode API.

## Sample request

```
{
  "endpointBehavior" :{
    "welcomePage":"1",
    "beautyScreen":"1",
    "loginModule":"1",
    "publicChat":"1",
    "leftPanel":"1",
    "inCallSearch" : "0",
    "inviteParticipants" : "0",
    "contentSharing" : "0",
    "shareDialogOnJoin" : "0",
    "displayLabels" : "0",
    "remoteContentAccess" : "0",
    "cameraMuteControl" : "0",
    "muteCameraOnEntry" : "0",
    "audioMuteControl" : "0",
    "muteAudioOnEntry" : "0",
    "deviceSettings" : "0",
    "pinnedParticipant" : "1",
    "recordConference" : "1",
    "exitOnUserHangup" : "1",
    "automaticallyUpdate" : "1",
    "lockUserName" : "1",
    "enableAutoAnswer" : "1",
    "participantNotification" : "1",
```

```

        "fullScreenVideo" : "1"
    }
}

```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### JSON response parameters

Field	Data type	Mandatory	Description
version	String	Y	Defines the version of the API.
status	String	Y	Defines the response status. For a successful response, the value will be "success".
data	Object	N	This is the element which encapsulates the API response. For this API, the value is null.

### Sample JSON response

```

{
  "version": "1",
  "status": "success",
  "data": null
}

```

## Error responses

Error responses will be handled the same way as the REST LOGIN API described previously.

HTTP response code	Error code	Error message	Scenario
400	101015	Invalid request	Validate that the label is present for a specific tenant. Validate that label is not "DEFAULT". Mandatory check Any other Request body validation failure
403			Unauthorized user if anybody other than Tenant Admin or

HTTP response code	Error code	Error message	Scenario
			Super Admin tries to access. Invalid tenant ID/FQDN
404	101016	Not Found	Endpoint behavior is not enabled for the tenant.
500	101014	Unexpected server side error	Internal server error

## Get Endpoint Behavior Mode API

This API allows the Super Admin to fetch the endpointBehavior attributes for a specific EndpointBehaviorLabel/tenant.

**URL:** [PortalFQDN]/admin/api/v1/tenants/{tenantId or tenantFqdn}/endpoints/behaviours/{label}

**Method:** GET

### Path variables

Field	Data type	Mandatory	Description	Validations
tenantId / Tenant FQDN	String	Y	The tenant ID or tenant FQDN for which endpoint behavior mode will be configured	Validate if the tenant ID is a valid tenant ID or not
label	String	N	The label/mode for the endpoint behavior data which is getting updated. If no label is provided, all the endpoint behaviors will be returned for the requested tenant.	If provided, validate that the label is present for a specific tenant. Validate that label is not "DEFAULT".

### JSON parameters

No JSON parameters will go in the request.

### Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.



## Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {
    "endpointBehaviors": [{
      "label": "abc",
      "welcomePage": "1",
      "beautyScreen": "1",
      "loginModule": "1",
      "publicChat": "0",
      "leftPanel": "0",
      "inCallSearch": "0",
      "inviteParticipants": "0",
      "contentSharing": "0",
      "shareDialogOnJoin": "0",
      "displayLabels": "1",
      "remoteContentAccess": "1",
      "cameraMuteControl": "1",
      "muteCameraOnEntry": "1",
      "audioMuteControl": "1",
      "muteAudioOnEntry": "0",
      "deviceSettings": "0",
      "pinnedParticipant": "0",
      "recordConference": "0",
      "exitOnUserHangup": "0",
      "automaticallyUpdate": "0",
      "lockUserName": "1",
      "enableAutoAnswer": "1",
      "participantNotification": "1",
      "fullScreenVideo": "1"
    }, {
      "label": "xyz",
      "welcomePage": "1",
      "beautyScreen": "1",
```

```

        "loginModule": "1",
        "publicChat": "0",
        "leftPanel": "0",
        "inCallSearch": "0",
        "inviteParticipants": "0",
        "contentSharing": "0",
        "shareDialogOnJoin": "0",
        "displayLabels": "1",
        "remoteContentAccess": "1",
        "cameraMuteControl": "1",
        "muteCameraOnEntry": "1",
        "audioMuteControl": "1",
        "muteAudioOnEntry": "0",
        "deviceSettings": "0",
        "pinnedParticipant": "0",
        "recordConference": "0",
        "exitOnUserHangup": "0",
        "automaticallyUpdate": "0",
        "lockUserName": "1",
        "enableAutoAnswer": "1",
        "participantNotification": "1",
        "fullScreenVideo": "1"
    }
}

```

## Error responses

Error responses will be handled the same way as the REST LOGIN API described previously.

HTTP response code	Error code	Error message	Scenario
400	101015	Invalid request	Validate that the label is present for a specific tenant. Validate that label is not "DEFAULT". Mandatory check

HTTP response code	Error code	Error message	Scenario
403			Unauthorized user if anybody other than Tenant Admin or Super Admin tries to access. Invalid tenant id/FQDN
404	101016	Not Found	Endpoint behavior is not enabled for the tenant.
500	101014	Unexpected server side error	Internal server error

## Delete Endpoint Behavior Mode API

This API allows for the deletion of EndpointBehaviorLabels along with all the associated endpoint behavior attributes in the record.

**URL:** [PortalFQDN]/admin/api/v1/tenants/{tenantId or tenantPortal}/endpoints/behaviours/{label}

**Method:** DELETE

### Path variables

Field	Data type	Mandatory	Description	Validations
tenantId / Tenant FQDN	String	Y	The tenant ID or tenant FQDN for which endpoint behavior mode will be configured	Validate if the tenant ID is a valid tenant ID or not.
label	String	Y	The label/mode for the endpoint behavior data which is getting updated	Validate that the label is present for a specific tenant. Validate that label is not "DEFAULT". Mandatory check

### JSON parameters

No JSON parameters go in the request.

### Success response

In case of success, `success code 200 HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": null
}
```

## Error responses

Error responses will be handled the same way as the REST LOGIN API described previously.

HTTP response code	Error code	Error message	Scenario
400	101015	Invalid request	Validate that the label is present for a specific tenant. Validate that label is not "DEFAULT". Mandatory check
403			Unauthorized user if anybody other than Tenant Admin or Super Admin tries to access. Invalid tenant id/FQDN
404	101016	Not Found	Endpoint behavior is not enabled for the tenant
500	101014	Unexpected server side error	Internal server error

## CDR Obfuscation Profiles

These APIs enable Super Admins to manage the Call Detail Record (CDR) obfuscation profiles. An obfuscation profile indicates what data should be obfuscated in the CDR for each Tenant.

Super Admins can also create a default Obfuscation Profile via the REST APIs.

This customizability is especially useful for healthcare and GDPR customers who must follow strict guidelines on storing Personally Identifiable Information (PII).

## Create System CDR Obfuscation Profile

**URL:** /admin/api/v1/system/tenants/cdr/obfuscation/profiles

**Method:** POST

## Parameters

No parameters.

## Request body

```
{
  "obfuscationLevel": "GUESTS",
  "fields": [
    "callerName"
  ]
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {
    "id": 1,
    "tenantId": 0,
    "obfuscationLevel": "GUESTS",
    "fields": [
      "callerName"
    ]
  }
}
```

## Error responses

HTTP response code	Error message
400	Bad request
401	Unauthorized

HTTP response code	Error message
403	Forbidden
500	Internal server error

## Get All System CDR Obfuscation Profiles

**URL:** /admin/api/v1/system/tenants/cdr/obfuscation/profiles

**Method:** GET

### Parameters

No parameters.

### Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {
    "id": 1,
    "tenantId": 0,
    "obfuscationLevel": "GUESTS",
    "fields": [
      "callerName"
    ]
  }
}
```

### Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
500	Internal server error

# Force Update All CDR Obfuscation Profiles with Specified Obfuscation Level

**URL:** /admin/api/v1/system/tenants/cdr/obfuscation/profiles

**Method:** PUT

## Parameters

No parameters.

## Request body

```
{
  "obfuscationLevel": "GUESTS",
  "fields": [
    "callerName"
  ]
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {
    "id": 1,
    "tenantId": 0,
    "obfuscationLevel": "GUESTS",
    "fields": [
      "callerName"
    ]
  }
}
```

## Error responses

HTTP response code	Error message
400	Bad request
401	Unauthorized
403	Forbidden
500	Internal server error

## Update System CDR Obfuscation Profiles

**URL:** /admin/api/v1/system/tenants/cdr/obfuscation/profiles/{profileId}

**Method:** PUT

### Parameters

Field	Data type	Mandatory	Description
profileId	Integer	Y	CDR obfuscation profile to update.

### Request body

```
{
  "obfuscationLevel": "GUESTS",
  "fields": [
    "callerName"
  ]
}
```

### Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": "1",
  "status": "success",
}
```



```
"data": {
  "id": 1,
  "tenantId": 0,
  "obfuscationLevel": "GUESTS",
  "fields": [
    "callerName"
  ]
}
```

## Error responses

HTTP response code	Error message
400	Bad request
401	Unauthorized
403	Forbidden
404	Not found
500	Internal server error

## Get System CDR Obfuscation Profile

**URL:** /admin/api/v1/system/tenants/cdr/obfuscation/profiles/{profileId}

**Method:** GET

### Parameters

Field	Data type	Mandatory	Description
profileId	Integer	Y	CDR obfuscation profile to read.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
```

```
"version": "1",
"status": "success",
"data": {
  "id": 1,
  "tenantId": 0,
  "obfuscationLevel": "GUESTS",
  "fields": [
    "callerName"
  ]
}
```

## Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
404	Not found
500	Internal server error

## Delete System CDR Obfuscation Profile

**URL:** /admin/api/v1/system/tenants/cdr/obfuscation/profiles/{profileId}

**Method:** DELETE

### Parameters

Field	Data type	Mandatory	Description
profileId	Integer	Y	CDR obfuscation profile to delete.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
```

```
"version": "1",
"status": "success",
"data": {}
}
```

## Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
404	Not found
500	Internal server error

## Create Tenant CDR Obfuscation Profile

**URL:** /admin/api/v1/tenants/{tenantId}/cdr/obfuscation/profiles

**Method:** POST

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	Tenant ID or Tenant FQDN.

## Request body

```
{
  "obfuscationLevel": "GUESTS",
  "fields": [
    "callerName"
  ]
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {
    "id": 1,
    "tenantId": 0,
    "obfuscationLevel": "GUESTS",
    "fields": [
      "callerName"
    ]
  }
}
```

## Error responses

HTTP response code	Error message
400	Bad request
401	Unauthorized
403	Forbidden
500	Internal server error

## Get All Tenant CDR Obfuscation Profiles

**URL:** /admin/api/v1/tenants/{tenantId}/cdr/obfuscation/profiles

**Method:** GET

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	Tenant ID or Tenant FQDN.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {
    "id": 1,
    "tenantId": 0,
    "obfuscationLevel": "GUESTS",
    "fields": [
      "callerName"
    ]
  }
}
```

## Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
500	Internal server error

## Update Tenant CDR Obfuscation Profile

**URL:** /admin/api/v1/tenants/{tenantId}/cdr/obfuscation/profiles/{profileId}

**Method:** PUT

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	Tenant ID or Tenant FQDN.
profileId	Integer	Y	CDR obfuscation profile to update.

## Request body

```
{
```

```
"obfuscationLevel": "GUESTS",
"fields": [
  "callerName"
]
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {
    "id": 1,
    "tenantId": 0,
    "obfuscationLevel": "GUESTS",
    "fields": [
      "callerName"
    ]
  }
}
```

## Error responses

HTTP response code	Error message
400	Bad request
401	Unauthorized
403	Forbidden
404	Not found
500	Internal server error

## Get Tenant CDR Obfuscation Profile

**URL:** `/admin/api/v1/tenants/{tenantId}/cdr/obfuscation/profiles/{profileId}`

**Method:** PUT

## Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	Tenant ID or Tenant FQDN.
profileId	Integer	Y	CDR obfuscation profile to read.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {
    "id": 1,
    "tenantId": 0,
    "obfuscationLevel": "GUESTS",
    "fields": [
      "callerName"
    ]
  }
}
```

## Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
404	Not found
500	Internal server error

## Delete Tenant CDR Obfuscation Profile

**URL:** /admin/api/v1/tenants/{tenantId}/cdr/obfuscation/profiles/{profileId}

**Method:** DELETE

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	Tenant ID or Tenant FQDN.
profileId	Integer	Y	CDR obfuscation profile to delete.

### Success response

In case of success, `success code 200 HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": {}
}
```

### Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
404	Not found
500	Internal server error

## Get CDR Fields that Can Be Obfuscated

**URL:** /admin/api/v1/system/tenants/cdr/obfuscation/fields

**Method:** GET



## Parameters

No parameters.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": "1",
  "status": "success",
  "data": [
    {
      "fieldName": "callerName"
    }
  ]
}
```

## Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
500	Internal server error

# Minimum Endpoint Version – System Level Configuration

These APIs enable Administrators to reject endpoints at the system level based on:

- [ApplicationName](#). By default, the following Application Names are configured to be rejected:
  - VidyoDesktop
  - VidyoMobile
- [EndpointType](#). By default, the following endpoints are configured to be rejected:

- V- VidyoRoom HD200 (Windows)
- R- VidyoRoom HD100/HD50 (Windows)

The reject endpoints created at the system level will be the system default for all tenants and newly created tenants.

Rejection occurs during login sequence (LinkEndpoint) and JoinConference.

## Create System Default Rejected Application

**URL:** /admin/api/v1/system/tenants/rejections/applications

**Method:** POST

### Parameters

No parameters.

### Request body

```
{
  "name": "VidyoDesktop"
}
```

### Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 0,
      "name": "VidyoMobile"
    }
  ]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Get All System Default Rejected Applications

**URL:** /admin/api/v1/system/tenants/rejections/applications

**Method:** GET

### Parameters

No parameters.

### Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
[
  {
    "version": "1",
    "status": "success",
    "data": [
      {
        "id": 1,
        "tenantId": 0,
        "name": "VidyoDesktop"
      },
      {
        "id": 2,
        "tenantId": 0,
        "name": "VidyoMobile"
      }
    ]
  }
]
```

```
]
}
]
```

## Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
500	Internal server error

## Force Update System Default Rejected Applications to All Tenants

**URL:** /admin/api/v1/system/tenants/rejections/applications

**Method:** PUT

### Parameters

No parameters.

### Request body

```
{
  "name": "VidyoDesktop"
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
```

```
    "id": 1,
    "tenantId": 0,
    "name": "VidyoMobile"
  }
]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Get System Default Rejected Application

**URL:** /admin/api/v1/system/tenants/rejections/applications/{rejectedApplicationId}

**Method:** GET

### Parameters

Field	Data type	Mandatory	Description
rejectedapplicationid	Integer	Y	Rejected application id.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
```

```
    "id": 1,
    "tenantId": 0,
    "name": "VidyoMobile"
  }
]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Update System Default Rejected Application

**URL:** /admin/api/v1/system/tenants/rejections/applications/{rejectedApplicationId}

**Method:** PUT

### Parameters

Field	Data type	Mandatory	Description
rejectedApplicationid	Integer	Y	Rejected application id to update.

## Request body

```
{
  "name": "VidyoDesktop"
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 0,
      "name": "VidyoMobile"
    }
  ]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Delete System Default Rejected Application

**URL:** /admin/api/v1/system/tenants/rejections/applications/{rejectedApplicationId}

**Method:** DELETE

### Parameters

Field	Data type	Mandatory	Description
rejectedApplicationid	Integer	Y	Rejected application id to delete.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": null
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Create System Default Rejected Endpoint Type

**URL:** /admin/api/v1/system/tenants/rejections/endpointTypes

**Method:** POST

### Parameters

No parameters.

### Request body

```
{
  "endpointType": "v"
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
```



```
"version": 1,
"status": "success",
"data": [
  {
    "id": 1,
    "tenantId": 0,
    "endpointType": "v"
  }
]
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Get All System Default Rejected Endpoint Types

**URL:** /admin/api/v1/system/tenants/rejections/endpointTypes

**Method:** GET

### Parameters

No parameters.

### Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
[
  {
    "version": "1",
    "status": "success" ,
```

```
"data": [  
  {  
    "id": 1,  
    "tenantId": 0,  
    "endpointType": "R"  
  },  
  {  
    "id": 2,  
    "tenantId": 0,  
    "endpointType": "V"  
  },  
  {  
    "id": 3,  
    "tenantId": 0,  
    "endpointType": "Y"  
  }  
]  
}
```

## Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
500	Internal server error

## Force Update System Default Rejected Endpoint Type to All Tenants

**URL:** /admin/api/v1/system/tenants/rejections/endpointTypes

**Method:** PUT

### Parameters

No parameters.

## Request body

```
{
  "endpointType": "V"
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 0,
      "endpointType": "V"
    }
  ]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Get System Default Rejected Endpoint Type

**URL:** `/admin/api/v1/system/tenants/rejections/endpointTypes/{rejectedEndpointTypeId}`

**Method:** GET

## Parameters

Field	Data type	Mandatory	Description
rejectedEndpointTypeId	Integer	Y	Rejected endpoint type Id.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 0,
      "endpointType": "V"
    }
  ]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Update System Default Rejected Endpoint Type

**URL:** /admin/api/v1/system/tenants/rejections/endpointTypes/{rejectedEndpointId}

**Method:** PUT

## Parameters

Field	Data type	Mandatory	Description
rejectedEndpointTypeId	Integer	Y	Rejected endpoint type id to update.

## Request body

```
{
  "endpointType": "V"
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 0,
      "endpointType": "V"
    }
  ]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Delete System Default Rejected Endpoint Type

**URL:** /admin/api/v1/system/tenants/rejections/endpointTypes/{rejectedEndpointId}

**Method:** DELETE

### Parameters

Field	Data type	Mandatory	Description
rejectedEndpointTypeId	Integer	Y	Rejected endpoint type id to delete

### Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": null
}
```

### Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Minimum Endpoint Version – Tenant Level Configuration

These APIs enable Administrators to reject endpoints at the tenant level based on:

- [ApplicationName](#). By default, the following Application Names are configured to be rejected:

- VidyoDesktop
- VidyoMobile
- **EndpointType**. By default, the following endpoints are configured to be rejected:
  - V- VidyoRoom HD200 (Windows)
  - R- VidyoRoom HD100/HD50 (Windows)

The reject endpoints created at the tenant level can override the system default.

Rejection occurs during login sequence (LinkEndpoint) and JoinConference.

## Create Tenant Level Rejected Application

**URL:** /admin/api/v1/tenants{tenantId}/rejections/applications

**Method:** POST

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	The tenantId of tenant or tenant host name.

### Request body

```
{
  "name": "VidyoDesktop"
}
```

### Success response

In case of success, success code 200 HttpStatus.OK is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 0,

```

```
    "name": "VidyoMobile"
  }
]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Get All Tenant Rejected Applications

**URL:** /admin/api/v1/tenants{tenantId}/rejections/applications

**Method:** GET

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	The tenantId of tenant or tenant host name.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
[
  {
    "version": "1",
    "status": "success",
    "data": [
      {
        "id": 1,
```



```

        "tenantId": 0,
        "name": "VidyoDesktop"
    },
    {
        "id": 2,
        "tenantId": 0,
        "name": "VidyoMobile"
    }
]
}
]

```

## Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
500	Internal server error

## Get Tenant Level Rejected Application

**URL:** /admin/api/v1/tenants{tenantId}/rejections/applications/{rejectedApplicationId}

**Method:** GET

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	The tenantId of tenant or tenant host name.
rejectedApplicationId	Integer	Y	Rejected application id.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
```

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 0,
      "name": "VidyoMobile"
    }
  ]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Update Tenant Level Rejected Application

**URL:** /admin/api/v1/tenants{tenantId}/rejections/applications/{rejectedApplicationId}

**Method:** PUT

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	The tenantId of tenant or tenant host name.
rejectedApplicationId	Integer	Y	Rejected application id to update.

### Request body

```
{
  "name": "VidyoDesktop"
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 0,
      "name": "VidyoMobile"
    }
  ]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Delete Tenant Level Rejected Application

**URL:** /admin/api/v1/tenants{tenantId}/rejections/applications/{rejectedApplicationId}

**Method:** DELETE

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	The tenantId of tenant or tenant host name.
rejectedApplicationId	Integer	Y	Rejected application id to delete.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": null
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Create Tenant Level Rejected Endpoint Type

**URL:** `/admin/api/v1/tenants{tenantId}/rejections/endpointTypes/`

**Method:** POST

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	The tenantId of tenant or tenant host name.

### Request body

```
{
  "endpointType": "v"
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 3,
      "endpointType": "v"
    }
  ]
}
```

## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Get All Tenant Level Rejected Endpoint Types

**URL:** `/admin/api/v1/tenants/{tenantid}/rejections/endpointTypes`

**Method:** GET

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	The tenantId of tenant or tenant host name.

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
[
  {
    "version": "1",
    "status": "success" ,
    "data": [
      {
        "id": 1,
        "tenantId": 0,
        "endpointType": "R"
      },
      {
        "id": 2,
        "tenantId": 0,
        "endpointType": "V"
      },
      {
        "id": 3,
        "tenantId": 0,
        "endpointType": "Y"
      }
    ]
  }
]
```

## Error responses

HTTP response code	Error message
401	Unauthorized
403	Forbidden
500	Internal server error

## Get Tenant Level Rejected Endpoint Type

**URL:** /admin/api/v1/tenants/{tenantId}/rejections/endpointTypes/{rejectedEndpointTypeId}

**Method:** GET

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	The tenantId of tenant or tenant host name.
rejectedEndpointTypeId	Integer	Y	Rejected endpoint type id.

### Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 0,
      "endpointType": "v"
    }
  ]
}
```

### Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

# Update Tenant Level Rejected Endpoint Type

**URL:** /admin/api/v1/tenants/{tenantId}/rejections/endpointTypes/{rejectedEndpointTypeId}

**Method:** PUT

## Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	The tenantId of tenant or tenant host name
rejectedEndpointTypeId	Integer	Y	Rejected endpoint type id to update.

## Request body

```
{
  "endpointType": "V"
}
```

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

## Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": [
    {
      "id": 1,
      "tenantId": 0,
      "endpointType": "V"
    }
  ]
}
```



## Error responses

HTTP response code	Error message
400	Bad Request
401	Unauthorized
403	Forbidden
500	Internal server error

## Delete Tenant Level Rejected Endpoint Type

**URL:** /admin/api/v1/tenants/{tenantId}/rejections/endpointTypes/{rejectedEndpointTypeId}

**Method:** DELETE

### Parameters

Field	Data type	Mandatory	Description
tenantId	String	Y	The tenantId of tenant or tenant host name.
rejectedEndpointTypeId	Integer	Y	Rejected endpoint type id to delete

## Success response

In case of success, success code 200 `HttpStatus.OK` is returned with the JSON content shown below.

### Sample JSON response

```
{
  "version": 1,
  "status": "success",
  "data": null
}
```

## Error responses

HTTP response code	Error message
400	Bad Request

HTTP response code	Error message
401	Unauthorized
403	Forbidden
500	Internal server error

# 11: Use the VidyoGateway API

The VidyoGateway API enables VidyoGateway to convey to an external application the details of an incoming call and to receive a response.

The VidyoGateway API is part of the VidyoGateway experimental features for on-premise. See [VidyoGateway experimental features for on-premise](#).

To use the VidyoGateway API's, you must generate an API key. You can then use the API key to pass API requests to the VidyoGateway. See [Enable VidyoGateway experimental features](#).

Starting with VidyoGateway version 20.2.0, the API requests are sent via https (and http).

In addition, RTMP streaming to a CDN is supported through the VidyoGateway APIs. Both standard RTMP and secure RTMP is supported (as of version 20.2.0). RTMPS works on a TSL/SSL connection which encrypts your live streaming video with an extra layer of security to prevent any third-party from intercepting your data.

To use this API, you require admin rights or super admin rights.

The following method is part of the VidyoGateway API package.

## Call Notification

## Call Notification

Enables VidyoGateway to convey to the external application the details of an incoming call and to receive a response with either a new dial string or an indication to reject the call (as an invalid dial string or as room not accessible).

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
dialString	String	Dial string that was dialed (extension and PIN, if available)	Yes
sourceIP	String	IP address that the call is coming from	Yes
clusterIP	String	IP address of the VidyoGateway cluster controller that is accepting the call	Yes
userAgent	String	Type of device used for making the call	Optional
from	String	Name of the caller	Optional
protocol	String	H.323 or SIP	Yes

## Response parameter

Name	Type	Description	Required
newDialString	String	Extension for the VidyoGateway to call	No

## Faults

Name	Description
Error:404	Dial string is invalid. The VidyoGateway will play the "Retry Conference Error" IVR prompt.
Error:425	Room not accessible (locked/full). The VidyoGateway will play the "Retry Room Not Accessible" IVR prompt.
General Error	When the external application returns a different response (not 200, 404, or 425), the VidyoGateway IVR will play the "Retry Room Generic Error" IVR prompt.

For additional information about configuring the Call Notification API, refer to the [VidyoGateway Administrator Guide](#).

# 12: VidyoPortal Event Service Configuration

---

To complete the setup, you will need the following information:

1. **EVENT\_SERVICE\_URL:** This is the Public FQDN of the Vidyo Event Service.
2. **MESSAGING\_SERVER\_CLUSTER\_ID:** This should always be set as “vidyo-nats-streaming”.
3. **Messaging Server Username and Password:** This is a username and password of your choosing that will be used to authenticate the VidyoPortal and the Vidyo Event Services Messaging communications.

## Setting Event Service System Configurations

**URL:** /admin/service/systemconfig/v1/configuration

**Method:** PUT

**Authentication:** Super credentials

### Request body

```
{  
  
  "EVENT_SERVER_URL": "wss://vidyoeventservice.example.com",  
  
  "MESSAGING_SERVER_CLUSTER_ID": "vidyo-nats-streaming"  
  
}
```

## Setting Messaging System Configurations (REST API)

### Prerequisites

To complete the setup, you will need the following information:

1. **messagingServerUrl:** This is the FQDN of the Vidyo Event Service that the VidyoPortal will use to connect to the internal messaging interface of the Vidyo Event Service (port 4222).

2. **Messaging Server Username and Password:** This is a username and password of your choosing that will be used to authenticate the VidyoPortal and the Vidyo Event Services NAS communications (NATS). You will need to enter this in the Vidyo Event Service configuration.

**URL:** /admin/service/systemconfig/v1/configuration

**Method:** PUT

**Authentication:** Super credentials

## Request body

```
{
  "MESSAGING_NODE_CONFIGURATION": [{
    "messagingServerUrl": "tls://vidyoeventservice.example.com",
    "username": "mymessagingerviceuser",
    "password": "mymessagingservicepassword"
  }]
}
```

# 13: Use the VidyoReplay API

---

The VidyoReplay API enables playing and recording of the video stream during the conference. The content management part enables accessing, deleting, renaming, and changing the record contents.

To use this API, you require admin rights or super admin rights.

The VidyoReplay Service URL is:

[http://VIDYOPORTAL/services/v1\\_1/VidyoPortalUserService?wsdl](http://VIDYOPORTAL/services/v1_1/VidyoPortalUserService?wsdl)

[http://VIDYOPORTAL/services/v1\\_1/VidyoPortalAdminService?wsdl](http://VIDYOPORTAL/services/v1_1/VidyoPortalAdminService?wsdl)

The VidyoReplay Content Management Service URL:

<http://VIDYOREPLAY/replay/services/VidyoReplayContentManagementService?wsdl>

The following methods are part of the VidyoReplay API package.

[GetRecordingProfiles](#)

[startRecording](#)

[StopRecording](#)

[PauseRecording](#)

[ResumeRecording](#)

[createWebcastURL](#)

[removeWebcastURL](#)

[GetWebcastURL](#)

[createWebcastPin](#)

[removeWebcastPin](#)

[RecordsSearch](#)

[RecordsById](#)

[updateRecord](#)

[deleteRecord](#)

[getVidyoReplayLibrary](#)

## GetRecordingProfiles

Provides the available recording profile. The recorder prefix defines the file format of the recording (CIF, CD, HD).

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A

## Response parameters

Name	Type	Description	Required
total	Integer	Total number of profiles	Yes
recorderPrefix	String	Prefix ID	Yes
description	String	Prefix Description	No

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## startRecording

Starts the recording for a given participant (endpoint) in a conference.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
recorderPrefix	String	A string representing the recording prefix	Yes
webcast	Boolean	Start recording the webcast	Yes



## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
ResourceNotAvailableFault	Resource Not Available Fault
SeatLicenseFault	For service use only

>

## StopRecording

Stops the recording for a given participant (endpoint) in a conference.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
recorderID	String	A string representing the recording prefix. The GetParticipantsResponse() will provide recorderID associated with this conference.	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not Licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	For service use only
SeatLicenseFault	For service use only

## PauseRecording

Pauses the recording for a given participant (endpoint) in a conference.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
recorderID	String	A string representing the recording prefix	Yes

### Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	For service use only

## ResumeRecording

Resumes the recording for a given participant (endpoint) in a conference.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
recorderID	String	A string representing the recording prefix	Yes

### Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

### Faults

Name	Description
NotLicensedFault	API is not Licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	For service use only

## createWebcastURL

Creates a URL for a Webcast.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	For service use only

## removeWebcastURL

Removes a URL for a Webcast.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	For service use only

## GetWebcastURL

Gets the Webcast URL and PIN indicator for a room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameters

Name	Type	Description	Required
webCastURL	String	Webcast URL	Yes
hasWebCastPIN	Boolean	If room has a pin	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	For service use only

## createWebcastPin

Creates a PIN for a Webcast.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes
pin	String	Webcast Pin	Yes

### Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	For service use only

# removeWebcastPin

Removes a PIN for a Webcast.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not Licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	For service use only

# RecordsSearch

Provides records based on different criteria plus access levels. It can be used for output records paging via offset and limit parameters in a conjunction with a previous GetRecordsSearchCountRequest element. The userName is detected based on the user name logged in and the current tenant. tenantName is optional and can be used only by a Super Admin only. The default sorting criteria are by date descending. Output is limited to 200 records. The sortBy valid values are date, (the default) title and room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
tenantName	String	For Super Admin level	No
usernameFilter	String	For Admin level	No
roomFilter	String	Filter based on roomName	No
sortBy	sortBy	The field by which the results should be sorted by. Valid values are "date," "title," and "room".	Yes
query	String	The search string that uses the above filter criteria.	No
recordScope	recordScopeFilter	new public private organizational	Yes
dir	sortDirection	Sort direction: ASC, DESC	Yes
limit	Integer	Max 200	No
start	Integer	Start search record from a specific recordnumber	No
webcast	Boolean	Search by webcast	No

## Response parameters

Name	Type	Description	Required
allVideosCount	Integer	Total available user records count including public and organizational records from other users	No
searchCount	Integer	Available user records count after applying search filtering	No
myVideosCount	Integer	Total user records count for user own records <b>Note:</b> Admin has access for all available user records under particular tenant.	No
webcastCount	Integer	Total webcasts count for particular user	No
newCount	Integer	Total private records count for particular user	No
privateCount	Integer	Total organizational records count for particular user	No
organizationalCount	Integer	Total public records count for particular user	No
publicCount	Integer	Records array returned based on limit and offset criteria. Maximum output limit is 200 records	No



## Faults

Name	Description
AccessViolationFault	Access Violation Fault
GeneralFault	An unspecified error occurred

## RecordsById

Provides the recordfile by record IDs.

### Note

Only records to which that user has view access are shown.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
id	Integer	Record ID	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred

## updateRecord

Provides updates of records for the following fields:

- Title (if not provided)
- Comments (if not provided)
- Tags (if not provided)
- Record Scope (if not provided)
- PIN (if not provided)

1 – New

2 – Private

3 – Organizational

4 – Public

Empty String - PIN removed from the record based on record id. If the record value is not provided, the same value will be retained.

#### Note

Only records that the user has view access to are shown.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
id	Integer	ID number	Yes
title	String	Title	No
comments	String	Comments	No
tags	String	Tags	No
recordScope	recordScopeUpdate	Record Scope	No
pin	String	Pin	No

## Faults

Name	Description
AccessViolationFault	Access Violation Fault
GeneralFault	An unspecified error occurred

# deleteRecord

Deletes a record based on the record ID.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
id	Integer	Id	Yes

## Faults

Name	Description
AccessViolationFault	Access Violation Fault
GeneralFault	An unspecified error occurred

# getVidyoReplayLibrary

Provides registered users with the link to the VidyoReplay library which hosts all the recordings on a particular tenant on the VidyoPortal.

This method can use the following parameters.

## Response parameters

Name	Type	Description
authToken	String	Authentication token that will be used when the user accesses the VidyoReplay library
vidyoReplayLibraryUrl	String	Returns the URL of the VidyoReplay library

## Faults

Name	Description
VidyoReplayNotAvailableFault	Returned when VidyoReplay is not set up on the specified tenant

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred

# 14: Super API

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The Super API (com.vidyo.portal.super) provides super admin capabilities to manage and provision tenants within their portals.

To use this API, you require super admin rights.

## URL

The VidyoPortal Super Service URL is:

<http://VIDYOPORTAL/services/VidyoPortalSuperService?wsdl>

## Functionality

This API includes the following functionality.

### Member tenants management

Create a new tenant

Delete a tenant

Update a tenant

Get tenant's details—all or search based on matching prefixes

Get list of tenants in the system

### Other methods

Get system licenses

Get list of service

Save database

Delete database

Get system components

Get IPC domain access control level

Get allowed/blocked IPC domains

Set IPC control

Add/remove allowed IPC domain

Get router pool

Get location tags

# addClientVersion

Adds the endpoint upload as a content delivery network (CDN) URL and Tag.

## Request parameters

Name	Type	Description	Required
ClientType	String	<p>Specifies the type of client being requested:</p> <ul style="list-style-type: none"><li>• Type is 'W' for Windows platform (deprecated)</li><li>• Type is 'W32' for Windows 32-bit</li><li>• Type is 'W64' for Windows 64-bit</li><li>• Type is 'M' for Mac OS platform</li><li>• Type is 'S' for Linux 32-bit rpm installer</li><li>• Type is 'T' for Linux 64-bit rpm installer</li><li>• Type is 'U' for Ubuntu Linux 32-bit deb installer</li><li>• Type is 'X' for Ubuntu Linux 64-bit deb installer</li><li>• Type is 'P' for VidyoPanorama 600 running Windows 32-bit (deprecated)</li><li>• Type is 'N' for VidyoPanorama 600 running Windows 64-bit (deprecated)</li><li>• Type is 'E' for VidyoPanorama 600 running Linux 32-bit (deprecated)</li><li>• Type is 'O' for VidyoPanorama 600 running Linux 64-bit (deprecated)</li><li>• Type is 'Q' for VidyoRoom running Windows 32-bit</li><li>• Type is 'Y' for VidyoRoom running Windows 64-bit</li><li>• Type is 'F' for VidyoRoom running Linux 32-bit</li><li>• Type is 'Z' for VidyoRoom running Linux 64-bit</li><li>• Type is 'B' for Softroom running Windows 64-bit</li><li>• Type is 'C' for Softroom running Windows 64-bit</li><li>• Type is 'D' Softroom running Mac OS 64-bit</li><li>• Type is 'L' for Linux (deprecated)</li></ul>	Yes
currentTag	EndpointVersionPattern	Specifies the tag of the endpoint version using a	Yes

Name	Type	Description	Required
		string pattern. Only a-z or A-Z or 0-9 or '.' and '_' are allowed.	
installerURL	string	Specifies the URL where the endpoint can be downloaded from. Currently http and https are allowed as protocols.	Yes
setActive	boolean	Makes the new endpoint upload URL active.	No

## Response parameter

Name	Type	Description	Required
EndpointUploadID	Integer	The endpoint upload ID of the newly created endpoint upload URL	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	Invalid argument
ExternalModeFault	The external mode is not enabled by the Super Admin

## backupDB

Backs up the database to a file. Optionally, thumbnail photos may be backed up. Backing up thumbnail photos will increase the size of the archive. Additionally, if photos are being synced from LDAP, backing up any thumbnail photos may not be necessary.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
password	String	Password with which to encrypt the backup file. In the future, the same password will be required to decrypt the file.	Yes

Name	Type	Description	Required
includeThumbNail	Boolean	Indicates whether or not to backup the Thumbnail photos	No

## Response parameter

Name	Type	Description	Required
databaseBackup	String	Contains a URL where the backup can be downloaded and timestamp that indicates when the backup took place	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong

## createTenant

Creates a new tenant based on the information provided below. If an optional parameter is not provided, the default will be set during the initial configuration.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
tenantName	String	Name of the tenant	Yes
tenantURL	String	Tenant URL	Yes
extensionPrefix	String	Tenant extension prefix	Yes
dialinNumber	String	Tenant extension prefix	No
vidyoReplayUrl	String	Tenant's VidyoReplay URL	No
Description	String	Description of the tenant	No
numOfInstalls	Integer	Specifies the number of current Installs	Yes



Name	Type	Description	Required
numOfSeats	Integer	Specifies the number of current Seats	Yes
numOfLines	Integer	Specifies the number of current Lines	Yes
numOfExecutives	Integer	Specifies the number of current Executives ('0' if using the Port License system)	Yes
numOfPanoramas	Integer	Specifies the number of current Panoramas ('0' if using the Port License system)	Yes
enableGuestLogin	Boolean	Indicates whether guest login is enabled for the tenant (default: TRUE)	No
allowedTenantList	List of Integers	List of all tenants that this tenant can call to (default: none)	No
vidyoManager	Integer	VidyoManager	Yes
vidyoProxyList	List of Integers	Available VidyoProxys	No
allowedVidyoGateway List	List of Integers	List of allowed Gateways to the tenant	No
allowedVidyoReplay RecorderList	List of Integers	List of allowed VidyoReplay recorders to the tenant	No
allowedVidyoReplay List	List of Integers	List of allowed VidyoReplays to tenant	No
allowedLocationTag List	List of Integers	List of allowed location tags	Yes
vidyoMobileAllowed	Boolean	Indicates whether access for VidyoMobile is enabled or disabled (default: Enabled)	No
ipcAllowOutbound	Boolean	Indicates whether IPC Outbound is allowed ('0' - no/false, '1' - yes/true) (default: '1')	No
ipcAllowInbound	Boolean	Indicates whether IPC Inbound is allowed ('0' - no/false, '1' - yes/true) (default: '1')	No
adminUser	Member	Provides information for setting up	No

Name	Type	Description	Required
		an admin user for the tenant. If this parameter is not provided, a default admin user account will be created.	
numOfPublicRooms	Nonnegative Integer	Maximum number of public rooms that can be created by a user	No
externalEndpointSoftwareFileserver	String (Enumerated)  'VidyoPortal' or 'External'	Sets the endpoint upload mode to External which will allow CDN URLs to be used	No
tenantWebRTCURL	String	URL of Vidyo Neo for WebRTC Server	No
mobileLoginMode	String (Enumerated)  'Disabled,' 'VidyoMobile,' or 'NeoMobile'	Sets the appropriate mobile access mode at the tenant level.  <b>Note</b> When mobileLoginMode is enabled, the vidyoMobileAllowed API is ignored.	No

## Response parameter

Name	Type	Description	Required
OK	String	Acknowledgement that the tenant was created successfully	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
ExistingTenantFault	The specified Tenant name, extension prefix, VidyoReplay URL, and tenant URL already exist
MissingArgumentFault	Some required Request parameters were not specified; return the list of missing Parameter Names

# deleteDB

Deletes the database backup file from the disk.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
databaseName	String	Unique name of the database backup file	Yes

## Response parameter

Name	Type	Description	Required
OK	String	Acknowledgement that the database was deleted successfully	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred

# deleteTenant

Requests the deleting of an existing tenant from the system. The default tenant cannot be deleted.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
tenantID	Integer	Specifies the tenant unique identifier	Yes

## Response parameter

Name	Type	Description	Required
OK	String	Acknowledgement that the tenant was deleted successfully	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
InvalidTenantFault	The specified Tenant ID doesn't exist
NotLicensedFault	API is not licensed

## getChatStateSuper

Gets the configured value for chat availability on the Vidyoportal, as well as the default values for private and public chat for newly created tenants.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A

## Response parameter

Name	Type	Description
chatState	ChatState	An object that specifies whether chat feature is enabled (True) or disabled (False) on the newly created tenants. (Please see above for the object definition.)

## Fault

Name	Description
GeneralFault	An unspecified error occurred

## getIpcAccessControl

Provides the level of access that the user has to view and modify allowed IPC domains.

This method can use the following parameters.

### Request parameter

None

### Response parameter

Name	Type	Description	Required
IpcAccessControl	String	Array of Objects includes IpcAccessControlLevel object, accessMode object, routerID	Yes

## Fault

Name	Description
GeneralFault	An unspecified error occurred

## getIpcDomainList

Provides a list of all allowed or blocked IPC domains that are stored in the database.

This method can use the following parameters.

### Request parameter

None

## Response parameter

Name	Type	Description	Required
ipcDomainList	String	List of all the IPC domains that are allowed or blocked from access on the portal	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
IncorrectIpcAccessLevelFault	Generated when the user doesn't have access to change IPC domain access

## GetLicenseData

Provides the license key and value. If a tenant is not specified, the license parameters should be provided for all tenants as a total number.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
tenantID	EntityID	Specified the tenant unique identifier	Yes

## Response parameter

Name	Type	Description	Required
LicenseFeature	LicenseFeatureData	Array of Object includes Name, maxVal, currentValue	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
InvalidTenantFault	The specified Tenant ID doesn't exist
NotLicensedFault	API is not licensed

## getLocationTags

Provides the location tags available on the portal.

This method can use the following parameters.

### Request parameter

None

### Response parameter

Name	Type	Description	Required
locationTagsList	LocationTag	List of objects containing router locationTagID and locationTagName	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong

## getRouterPoolList

Retrieves the pool of routers.

This method can use the following parameters.

## Request parameter

None

## Response parameter

Name	Type	Description	Required
routerPoolsList	RouterPool	List of objects containing router information of routerID and routerName	Yes

## Fault

Name	Description
GeneralFault	An unspecified error occurred

# GetServiceComponentsData

Provides the list of available system components. If the type is not specified, all available components will be provided. If the type is specified, only the list associated with this type will be provided.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
Component-Type	serviceComponent-Type	Array of Object include: VidyoManager VidyoGateway, VidyoProxy, VidyoRecorder VidyoReplay	Yes

## Response parameter

Name	Type	Description	Required
component	Component-Data	Array of Object includes componentType, identifier, displayName	Yes



## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong

## getTenantDetails

Gets the tenant details based on the tenant ID.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
tenantID	Integer	Specifies the tenant unique identifier	Yes

### Response parameters

Name	Type	Description	Required
tenantID	Integer	Specifies the tenant unique identifier	Yes
tenantName	String	Name of the tenant	Yes
tenantURL	String	Tenant URL	Yes
extensionPrefix	String	Tenant extension prefix	Yes
dialinNumber	String	Tenant extension prefix	No
vidyoReplayUrl	String	Tenant's VidyoReplay URL	No
description	String	Description of the tenant	No
numOfInstalls	Integer	Specifies the number of current Installs	Yes
numOfSeats	Integer	Specifies the number of current Seats	Yes

Name	Type	Description	Required
numOfLines	Integer	Specifies the number of current Lines	Yes
numOfExecutives	Integer	Specifies the number of current Executives ('0' if using the Port License system)	Yes
numOfPanoramas	Integer	Specifies the number of current Panoramas ('0' if using the Port License system)	Yes
enableGuestLogin	Boolean	Indicates whether guest login is enabled for the tenant (default: TRUE)	No
allowedTenantList	List of Integers	List of all tenants that this tenant can call to (default: none)	No
vidyoManager	Integer	VidyoManager	Yes
vidyoProxyList	List of Integers	Available VidyoProxys	No
allowedVidyoGatewayList	List of Integers	List of allowed Gateways to the tenant	No
allowedVidyoReplayRecorderList	List of Integers	List of allowed VidyoReplay recorders to the tenant	No
allowedVidyoReplayList	List of Integers	List of allowed VidyoReplays to tenant	No
allowedLocationTagList	List of Integers	List of allowed location tags	Yes
vidyoMobileAllowed	Boolean	Indicates whether access for VidyoMobile is enabled or disabled (default: Enabled)	No
ipcAllowOutbound	Boolean	Indicates whether IPC Outbound is allowed ('0' - no/false, '1' - yes/true) (default: '1')	No
ipcAllowInbound	Boolean	Indicates whether IPC Inbound is allowed ('0' - no/false, '1' - yes/true) (default: '1')	No
numOfPublicRooms	Nonnegative Integer	Maximum number of public rooms that can be created by a user	No
externalEndpointSoftware Fileserver	String (Enumerated)	Sets the endpoint upload mode to External which will allow CDN URLs	No

Name	Type	Description	Required
	'VidyoPortal' or 'External'	to be used	
tenantWebRTCURL	String	URL of Vidyo Neo for WebRTC Server	No
mobileLoginMode	String (Enumerated)  'Disabled,' 'VidyoMobile,' or 'NeoMobile'	Sets the appropriate mobile access mode at the tenant level.  <b>Note</b> When mobileLoginMode is enabled, the vidyoMobileAllowed API is ignored.	No

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
InvalidTenantFault	The specified Tenant name, extension prefix, VidyoReplay URL, and tenant URL already exist
NotLicensedFault	API is not licensed

## listDB

Obtains a list of database backups, which returns a list of "DatabaseBackup" objects.

This method can use the following parameters.

### Request parameter

None

### Response parameter

Name	Type	Description	Required
databaseBackup	String	Contains a URL where the backup can be downloaded and timestamp that indicates when the backup took place	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred

## ListNetworkComponents

Provides available portal components and their status (connected / disconnected), as well as more detailed information as specified below.

- If no filter is being provided, all components will be provided back as part of the response with the respective component information.
- If one or more filters are specified, the response will be based on the provided filters.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
componentName	String	Component name	No
componentType	SystemComponentType	VidyoRouter, VidyoProxy, VidyoManager, VidyoReplay, VidyoGateway	No
Status	ComponentStatus	UP; DOWN; DISABLED; NEW	No

### Response parameter

Name	Type	Description	Required
networkComponent	SingleComponentDataType	Array of Object includes componentType, identifier, displayName, componentType, ipAddress, runningVersion, version, alarm, swVer	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedFault	API is not licensed

## ListTenants

Provides the list of all tenants in the system with the following filters. All filters are optional, and if a filter is not provided, the query will use the defaults, which are sorting all the tenants by the tenant names in ascending order.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
tenantName	String	Specifies the tenant name	No
tenantURL	String	Specifies the tenant URL	No
filter.<nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	Yes
start	Integer	This is the beginning index of the search result. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the start=30 value.	No
limit	Integer	This is the number of results that are being requested. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the limit=10 value.	No
sortBy	String memberID name Display	This is the field by which the requestor is asking the results to be sorted by. In the User API, entityID is used instead of memberID. Example: If the result has to be sorted in an ascending order	No

Name	Type	Description	Required
	name extension	by the extension number of the Entity, then the requestor provides the sortBy=extension/name/displayName or memeberID value.	
dir	String ASC DESC	This is the field by which the requestor is asking the results to be sorted in a specific direction/order, ascending or descending.  Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the dir=ASC value.	No

## Response parameters

Name	Type	Description	Required
listOfTenants:	SingleTenantDataType	Array of Object includes:	
tenantID	Integer	Specifies the tenant ID	Yes
tenantName	String	Specifies the tenant name	Yes
tenantURL	String	Specifies the tenant URL	Yes
extensionPrefix	String	Tenant extension prefix	Yes
dialinNumber	Integer	Tenant dial-in number	Yes
vidyoReplayUrl	String	Tenant's VidyoReplay URL	Yes
description	String	Description of the tenant	Yes
vidyoMobileAllowed	Boolean	Indicates whether access for VidyoMobile ('0' - no/false, '1' - yes/true)	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedFault	API is not licensed

## saveDB

Because users are now required to provide a password, this API has been deprecated starting with VidyPortal version 3.4.1. As an alternative, use backupDB.

## SetChatStateSuper

Sets whether the chat is available on the VidyPortal and sets the default values for private/public chat on the newly created tenants. Once made unavailable, tenant admins will not be able to enable chat on the VidyPortal, and Vidy clients joining conferences on this VidyPortal will not be able to engage in chat conversations.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
chatState	ChatState	An object that specifies whether the chat feature is enabled (True) or disabled (False) on the newly created tenants. (Please see below for the object definition.)	Yes

### Response parameter

Name	Type	Description
Ok	String	Acknowledges that the operation was made successfully

## Fault

Name	Description
GeneralFault	An unspecified error occurred

ChatState is an object that specifies whether the chat feature is enabled (True) or disabled (False) on the newly created tenants:

Name	Type	Description
chatAvailability	Boolean	Indicates whether chat is available (True) or unavailable (False) on the VidyPortal. Chat is available by default.
privateChatState	Boolean	Indicates whether public chat is enabled (True) or disabled (False) on the newly created tenants by default. If chatAvailability is set to unavailable (False), this parameter is disabled (False) by default. Private chat is available by default.
publicChatState	Boolean	Indicates whether public chat is enabled (True) or disabled (False) on the newly created tenants by default. If chatAvailability is set to unavailable (False), this parameter is disabled (False) by default. Public chat is available by default.

## setIpcAccessControl

Defines the IPC control access (Allow / Block) for Tenant and System levels.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
ipcAccessControl	IpcAccessControl	Array of Objects includes IpcAccessControlLevel object, accessMode object, routerID	

### Response parameter

Name	Type	Description	Required
OK	String	Acknowledgement that the control access was set successfully	Yes



## Faults

Name	Description
GeneralFault	An unspecified error occurred
MissingArgumentFault	Some required Request parameters were not specified / level is set to System but accessMode is not provided
InvalidArgumentFault	The arguments that were passed into services were wrong

## setIpcDomains

Adds and /or removes the list of allowed IPC domains. The user can add and remove IPC domains at the same time.

- If the same domain exists in both the add and remove lists, the domain will not be added and will return in both notRemovedIpcDomainList and notAddedIpcDomainList lists.
- If an existing domain is requested to be added, it will show in the notAddedIpcDomainList list of domains.
- If a non-existing domain is requested to be removed, it will show in the notRemovedIpcDomainList list of domains.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
addIpcDomainList	String	A list of IPC domains to be added to the portal	No
removeIpcDomainList	String	A list of IPC domains to be removed from the portal	No

## Response parameters

Name	Type	Description	Required
OK	String	Acknowledgement that the control access was set successfully	Yes
notAddedIpcDomainList	String	Specifies the list of domains that were not added	No
notRemovedIpcDomainList	String	Specifies the list of domains that were not removed	No

## Fault

Name	Description
GeneralFault	An unspecified error occurred

## setLoginAndWelcomeBanner

Sets the login and welcome banner parameters on the VidyoPortal tenants and enables/disables the feature altogether.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
showLoginBanner	Boolean	Indicates if the login banner option is enabled/disabled on the VidyoPortal	Yes
showWelcomeBanner	Boolean	Indicates if the welcome banner option is enabled/disabled on the VidyoPortal	Yes
loginBannerText	String	Welcome text that appears after the client logs in. Character limit is 4000. If nothing is provided, no update will be made to the information on the tenant/portal.	No
welcomeBannerText	String	Welcome screen title text (example: Welcome to VidyoConferencing.). Character limit is 4000. If nothing is provided, no update will be made to the information on the tenant/portal.	No

### Response parameters

Name	Type	Description
showLoginBanner	Boolean	Provides the newly set state for this option
showWelcomeBanner	Boolean	Provides the newly set state for this option
loginBannerText	String	Provides the login banner text
welcomeBannerText	String	Provides the welcome banner title text

## Fault

Name	Description
BannerTextFault	Specifies that the content provided overrides the character limit. Text: "The text that you have provided exceeds the 4000 character limit"

## setMobileLoginMode

Sets the appropriate mobile access mode for all tenants.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
mobileLoginMode	MobileLoginMode	Specifies whether mobile access is disabled, or whether VidyoMobile or Vidyo Neo Mobile access is enabled	Yes

### Response parameter

Name	Type	Description	Required
setMobileLoginModeResponse	OK	Response for updating the mobile mode	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedFault	API is not licensed

# updateTenant

Updates an existing tenant by the tenant ID. Each optional parameter that is provided, aside from the tenant ID, will overwrite the existing parameters.

- Although not required, all parameters that are provided will override the existing values
- If a parameter is not provided, it will be deleted from the tenant
- Parameters specified as Required are parameters that cannot be deleted but only updated

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
tenantID	Integer	Specifies the tenant unique identifier	Yes
tenantName	String	Name of the tenant	Yes
tenantURL	String	Tenant URL	Yes
extensionPrefix	String	Tenant extension prefix	Yes
dialinNumber	String	Tenant extension prefix	No
vidyoReplayUrl	String	Tenant's VidyoReplay URL	No
description	String	Description of the tenant	No
numOfInstalls	Integer	Specifies the number of current Installs	Yes
numOfSeats	Integer	Specifies the number of current Seats	Yes
numOfLines	Integer	Specifies the number of current Lines	Yes
numOfExecutives	Integer	Specifies the number of current Executives ('0' if using the Port License system)	Yes
numOfPanoramas	Integer	Specifies the number of current Panoramas ('0' if using the Port License system)	Yes
enableGuestLogin	Boolean	Indicates whether guest login is enabled for the tenant (default:	No

Name	Type	Description	Required
		TRUE)	
allowedTenantList	List of Integers	List of all tenants that this tenant can call to (default: none)	No
vidyoManager	Integer	VidyoManager	Yes
vidyoProxyList	List of Integers	Available VidyoProxys	No
allowedVidyoGatewayList	List of Integers	List of allowed Gateways to the tenant	No
allowedVidyoReplayRecorderList	List of Integers	List of allowed VidyoReplay recorders to the tenant	No
allowedVidyoReplayList	List of Integers	List of allowed VidyoReplays to tenant	No
allowedLocationTagList	List of Integers	List of allowed location tags	Yes
vidyoMobileAllowed	Boolean	Indicates whether access for VidyoMobile is enabled or disabled (default: Enabled)	No
ipcAllowOutbound	Boolean	Indicates whether IPC Outbound is allowed ('0' - no/false, '1' - yes/true) (default: '1')	No
ipcAllowInbound	Boolean	Indicates whether IPC Inbound is allowed ('0' - no/false, '1' - yes/true) (default: '1')	No
adminUser	Member	<p>Provides information for updating the admin user information.</p> <ul style="list-style-type: none"> <li>• If this parameter is not provided, no update should occur.</li> <li>• If information of an existing admin user is being provided (based on the 'Name' field), update the additional fields.</li> <li>• If information of a non-existing user is provided, no update should occur nor creation of a new admin user. In this case, an exception should be thrown.</li> </ul>	
numOfPublicRooms	NonNegative Integer	Maximum number of public rooms that can be created by a user	No

Name	Type	Description	Required
externalEndpointSoftwareFileserver	String (Enumerated)  'VidyoPortal' or 'External'	Sets the endpoint upload mode to External which will allow CDN URLs to be used	No
tenantWebRTCURL	String	URL of Vidyo Neo for WebRTC Server	No
mobileLoginMode	String (Enumerated)  'Disabled,' 'VidyoMobile,' or 'NeoMobile'	Sets the appropriate mobile access mode at the tenant level.  <b>Note</b> When mobileLoginMode is enabled, the vidyoMobileAllowed API is ignored.	No

## Response parameter

Name	Type	Description	Required
OK	String	Acknowledgement that the tenant was updated successfully	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
ExistingTenantFault	The specified Tenant name, extension prefix, VidyoReplay URL, and tenant URL already exist
NotLicensedFault	API is not licensed
InvalidTenantFault	The specified Tenant ID doesn't exist

# 15: Admin API

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The Admin API (com.vidyo.portal.admin) provides tenant admin capabilities to manage member accounts, meeting rooms, groups, and content, and control recording and webcasting.

To use this API, you require admin rights or super admin rights.

## URL

The VidyoPortal Admin Service URL is:

[http://VIDYOPORTAL/services/v1\\_1/VidyoPortalAdminService?wsdl](http://VIDYOPORTAL/services/v1_1/VidyoPortalAdminService?wsdl)

## Functionality

This API includes the following functionality.

### Member account management

- Create a new member
- Delete a member
- Update a member
- List member's details—all or search based on matching prefixes

### Meeting room management

- Create a room
- Delete a room
- Update a room
- List rooms—all or search based on matching prefixes

### Group management

- Create a group
- Delete a group
- Update a group
- List groups – all or search based on matching prefixes

## Record control

- Start recording
- Stop recording
- Resume recording
- Pause recording
- Get recording profiles

## Content management

- Search recorded file
- Update recorded file
- Delete recorded file

## Webcasting

- Create Webcast URL
- Remove Webcast URL
- Get Webcast URL
- Remove Webcast pin
- Get recording profiles

## addClientVersion

Adds the endpoint upload as a CDN URL and Tag.

## Request parameters

Name	Type	Description	Required
ClientType	String	<p>Specifies the type of client being requested:</p> <ul style="list-style-type: none"><li>• Type 'W' is for Windows platform (deprecated)</li><li>• Type 'W32' is for Windows 32-bit</li><li>• Type 'W64' is for Windows 64-bit</li><li>• Type 'M' is for Mac OS platform</li><li>• Type 'S' is for Linux 32-bit rpm installer</li><li>• Type 'T' is for Linux 64-bit rpm installer</li><li>• Type 'U' is for Ubuntu Linux 32-bit deb installer</li></ul>	Yes



Name	Type	Description	Required
		<ul style="list-style-type: none"> <li>Type 'X' is for Ubuntu Linux 64-bit deb installer</li> <li>Type 'P' is for VidyoPanorama 600 running Windows 32-bit (deprecated)</li> <li>Type 'N' is for VidyoPanorama 600 running Windows 64-bit (deprecated)</li> <li>Type 'E' is for VidyoPanorama 600 running Linux 32-bit (deprecated)</li> <li>Type 'O' is for VidyoPanorama 600 running Linux 64-bit (deprecated)</li> <li>Type 'Q' is for VidyoRoom running Windows 32-bit</li> <li>Type 'Y' is for VidyoRoom running Windows 64-bit</li> <li>Type 'F' is for VidyoRoom running Linux 32-bit</li> <li>Type 'Z' is for VidyoRoom running Linux 64-bit</li> <li>Type 'B' is for Softroom running Windows 64-bit</li> <li>Type 'C' is for Softroom running Windows 64-bit</li> <li>Type 'D' is Softroom running Mac OS 64-bit</li> <li>Type 'L' is for Linux (deprecated)</li> </ul>	
currentTag	EndpointVersionPattern	Specifies the tag of the endpoint version using a string pattern. Only a-z or A-Z or 0-9 or '.' and '_' are allowed.	Yes
installerURL	string	Specifies the URL where the endpoint can be downloaded from. Currently http and https are allowed as protocols.	Yes
setActive	boolean	Makes the new endpoint upload URL active.	No

## Response parameter

Name	Type	Description	Required
EndpointUploadID	Integer	The endpoint upload ID of the newly created endpoint upload URL	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	Invalid argument
ExternalModeFault	The external mode is not enabled by the Super Admin

## AddGroup

Adds a VidyPortal group.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
group	Group	Group Description on the VidyPortal including group name, max number of members, and other properties	Yes

### Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
GroupAlreadyExists Exception	Group already exists

# AddMember

Adds a VidyPortal member.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
memberID	Member	Member details	Yes
returnObjectInResponse	String	Sends a request to retrieve the object that has been created	No

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
MemberAlreadyExistsException	Member already exists

# AddRoom

Adds a room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
room	Room	Room description including room name, room owner and other properties	Yes
returnObjectInResponse	String	Sends a request to retrieve the object that has been created	No
RoomID	Room	This is the ID of the addressing room object in the VidyoPortal; it accepts up to 10 digits	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
RoomAlreadyExistsException	Room already exists

## cancelOutboundCall

Enables the moderator to cancel an outgoing user invite request.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Specifies the conference ID that the moderator is logged in to	Yes
entityID	EntityID	Indicates that the user that has been invited. User cannot invite an entity that is of type Legacy	Yes

## Response parameter

Name	Type	Description
Ok	String	Indicates that the cancelation has been successful

## Faults

Name	Description
InvalidArgumentFault	Invalid Argument Fault or in case that the conferenceID or entityID doesn't exist
GeneralFault	An unspecified error occurred
NotLicensedFault	API is not licensed

## createEndpointBehavior

Adds new endpoint behavior at the tenant level.

This method can use the following parameters.

## Request parameters

Name	Type	Description
EndpointBehavior	Endpoint BehaviorType	Contains the parameters for all endpoint behavior configurations. These parameters may include the following: <ul style="list-style-type: none"><li>welcomePage (integer)</li><li>beautyScreen (integer)</li><li>loginModule (integer)</li></ul>

Name	Type	Description
		<ul style="list-style-type: none"> <li>• publicChat (integer)</li> <li>• leftPanel (integer)</li> <li>• inCallSearch (integer)</li> <li>• inviteParticipants (integer)</li> <li>• contentSharing (integer)</li> <li>• shareDialogOnJoin (integer)</li> <li>• displayLabels (integer)</li> <li>• remoteContentAccess (integer)</li> <li>• cameraMuteControl (integer)</li> <li>• muteCameraOnEntry (integer)</li> <li>• audioMuteControl (integer)</li> <li>• muteAudioOnEntry (integer)</li> <li>• deviceSettings (integer)</li> <li>• pinnedParticipant (integer)</li> <li>• recordConference (integer)</li> <li>• exitOnUserHangup (integer)</li> <li>• automaticallyUpdate (integer)</li> <li>• lockUserName (integer)</li> <li>• enableAutoAnswer (integer)</li> <li>• participantNotification (integer)</li> <li>• fullScreenVideo (integer)</li> </ul> <p>Optional parameters</p> <ul style="list-style-type: none"> <li>• windowSizeHeight (integer)</li> <li>• windowSizeWidth (integer)</li> <li>• windowPositionTop (integer)</li> <li>• windowPositionBottom (integer)</li> <li>• windowPositionLeft (integer)</li> <li>• windowPositionRight (integer)</li> <li>• recordingRole (string)</li> <li>• preIframeUrl (string)</li> <li>• preIframeSize (integer)</li> <li>• topIframeUrl (string)</li> <li>• topIframeSize (integer)</li> <li>• leftIframeUrl (string)</li> </ul>

Name	Type	Description
		<ul style="list-style-type: none"> <li>• leftIframeSize (integer)</li> <li>• rightIframeUrl (string)</li> <li>• rightIframeSize (integer)</li> <li>• bottomIframeUrl (string)</li> <li>• bottomIframeSize (integer)</li> <li>• postIframeUrl (string)</li> <li>• postIframeSize (integer)</li> <li>• endpointBehaviorKey (string)</li> </ul>

## Response parameters

Name	Type	Description	Required
endpointBehaviorkey	String	The mapping of the endpoint behavior.	No

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NoEndpointBehaviorExistsFault	The endpoint behavior does not exist for the tenant
GeneralFault	An unspecified error occurred
EndpointBehaviorDisabledFault	The endpoint behavior has been disabled for the tenant

## createModeratorPIN

Creates a Moderator PIN for a room or a member's personal room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
roomId	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

Name	Type	Description	Required
PIN	String	Specifies the Moderator PIN - used for creating and updating an existing PIN	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
InvalidModeratorPINFormatFault	The format of the Moderator PIN is not valid - either not right amount of digits, or invalid characters (PIN should be a 3-10 digit number)
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

## createPublicRoom

Allows an admin to create a public room for a particular user by specifying the Display Name. Auto-generates the Room Name and Extension, and enforces limitations on the number of public rooms that a User, Tenant, and Portal can create.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
displayName	string	Display name of the public room	Yes
ownerName	string	Owner name of the public room	Yes
setInMyContacts	boolean	Specifies whether to add the public room to contact list	No



Name	Type	Description	Required
setLocked	boolean	Indicates whether the public room is locked	No
setPIN	string	Indicates whether the public room is pinned	No
description	string	Description of the public room	No

## Response parameters

Name	Type	Description	Required
roomID	EntityID	EntityID of the newly created public room	Yes
extension	string	Extension of the public room.	Yes
roomURL	anyURI	URL for the public room.	Yes
inMyContacts	boolean	Indicates whether public room is in contact list	No
locked	boolean	Indicates whether public room is locked	No
hasPIN	boolean	Indicates whether public room has a PIN	No

## Faults

Name	Description
NotLicensedFault	API is not licensed
NotAllowedToCreateFault	Not authorized to create public room
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
PublicRoomCreationFault	Failed to create a public room

## CreateRoomPIN

Creates a PIN for a room or VidyoPortal member's personal room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes
pin	String	Room pin	No

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## CreateRoomURL

Creates an URL for a room or VidyoPortal member's personal room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## createScheduledRoom

Creates an ad-hoc conference room. Allows for specifying between 1 and 400 unused days after which the room will be garbage collected in the system. When specifying 0, the VidyoPortal currently auto-selects 100 days by default. As part of the response, the user receives a unique room link or extension and PIN to access this room.

### Note

The maximum number of scheduled rooms per user is 65K. Therefore, careful planning of room owner assignments is recommended.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
ownerName	String	The room owner user name	Yes
recurring	Integer	Unused days after which the room will be garbage collected	Optional
setPIN	Boolean	The room will be generated with a PIN	Optional
moderatorPIN	String	Specifies the Moderator PIN for the newly created room	Optional

## Response parameters

Name	Type	Description
extension	String	The room's unique ID
pin	String	The room's randomly generated PIN

Name	Type	Description
inviteContent	String	Content of the invite text (will include the room URL, PIN, and extension)
roomURL	String	The room's URL
inviteSubject	String	The email invitation subject

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
InvalidModeratorPINFormat Fault	Invalid Moderator PIN Fault
ScheduledRoomCreationFault	Scheduled Room Creation Fault

## deleteEndpointBehavior

Deletes the endpoint behavior at the tenant level.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
endpointBehaviorkey	String	The mapping of the endpoint behavior.	No

### Response parameters

Name	Type	Description
Ok	String	Acknowledges that the operation was made successfully

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NoEndpointBehaviorExistsFault	The endpoint behavior does not exist for the tenant
GeneralFault	An unspecified error occurred
EndpointBehaviorDisabledFault	The endpoint behavior has been disabled for the tenant

## DeleteGroup

Deletes a VidyoPortal group.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
groupID	EntityID	This is an ID for addressing Group object in the VidyoPortal	Yes

### Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
GroupNotFoundException	Group not found

# DeleteMember

Deletes the details of a VidyoPortal member.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
memberID	EntityID	Unique member identifier	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
MemberNotFoundException	Member not found

# DeleteRoom

Removes a VidyoPortal room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomId	EntityID	This is the ID of addressing room object in the VidyPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
RoomNotFoundException	Room not found
RoomAlreadyExistsException	Room already exists

## disableScheduledRoom

Disables the Scheduled Room feature on the tenant per the tenant URL.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
disableScheduledRoom	Boolean	Set the Scheduled Room feature on the tenant: '1'   True (disable) '0'   False (enable)	Yes

## Response parameter

Name	Type	Description
OK	String	Acknowledgement that the Scheduled Room feature has been disabled on the tenant

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
NotLicensedFault	API is not licensed

## DismissAllRaisedHand

Dismisses all raised hands from the moderator.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully



## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

## DismissRaisedHand

Signals the dismissal of a hand from the moderator to the endpoint that had previously raised a hand.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes
participantID	EntityID	Participant ID of the participant who had raised hand that the moderator wishes to dismiss	Yes

### Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

## enableRoom

Enables or disables the use of private or public rooms on the VidyoPortal.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
roomID	EntityID	The unique room identifier	Yes
Enabled	Boolean	Specifies whether the room will be enabled (True) or disabled (False)	Yes

### Response parameter

Name	Type	Description
OK	String	Acknowledges that the operation was made successfully

### Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
RoomNotFoundFault	Room not found

## enableScheduledRoom

Enables or disables a Scheduled room in the VidyoPortal.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
extension	String	The unique room identifier	Yes
pin	String	The room's randomly generated PIN. If the room was created with a PIN, this field is mandatory.	Optional
enabled	Boolean	Specifies whether the room will be enabled (True) or disabled (False)	Yes

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the operation was made successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
RoomNotFoundFault	Room not found

## getEndpointBehavior

Retrieves the endpoint behavior at the tenant level.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
endpointBehaviorkey	String	The mapping of the endpoint behavior.	Yes

## Response parameter

Name	Type	Description
EndpointBehavior	Endpoint BehaviorType	<p>Contains the parameters for all endpoint behavior configurations. These parameters may include the following:</p> <ul style="list-style-type: none"><li>• welcomePage (integer)</li><li>• beautyScreen (integer)</li><li>• loginModule (integer)</li><li>• publicChat (integer)</li><li>• leftPanel (integer)</li><li>• inCallSearch (integer)</li><li>• inviteParticipants (integer)</li><li>• contentSharing (integer)</li><li>• shareDialogOnJoin (integer)</li><li>• displayLabels (integer)</li><li>• remoteContentAccess (integer)</li><li>• cameraMuteControl (integer)</li><li>• muteCameraOnEntry (integer)</li><li>• audioMuteControl (integer)</li><li>• muteAudioOnEntry (integer)</li><li>• deviceSettings (integer)</li><li>• pinnedParticipant (integer)</li><li>• recordConference (integer)</li><li>• exitOnUserHangup (integer)</li><li>• automaticallyUpdate (integer)</li><li>• lockUserName (integer)</li><li>• enableAutoAnswer (integer)</li><li>• participantNotification (integer)</li><li>• fullScreenVideo (integer)</li></ul> <p>Optional parameters</p> <ul style="list-style-type: none"><li>• windowSizeHeight (integer)</li><li>• windowSizeWidth (integer)</li><li>• windowPositionTop (integer)</li><li>• windowPositionBottom (integer)</li></ul>

Name	Type	Description
		<ul style="list-style-type: none"> <li>• windowPositionLeft (integer)</li> <li>• windowPositionRight (integer)</li> <li>• recordingRole (string)</li> <li>• preIframeUrl (string)</li> <li>• preIframeSize (integer)</li> <li>• topIframeUrl (string)</li> <li>• topIframeSize (integer)</li> <li>• leftIframeUrl (string)</li> <li>• leftIframeSize (integer)</li> <li>• rightIframeUrl (string)</li> <li>• rightIframeSize (integer)</li> <li>• bottomIframeUrl (string)</li> <li>• bottomIframeSize (integer)</li> <li>• postIframeUrl (string)</li> <li>• postIframeSize (integer)</li> <li>• endpointBehaviorKey (string)</li> </ul>

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NoEndpointBehaviorExistsFault	The endpoint behavior does not exist for the tenant
GeneralFault	An unspecified error occurred
EndpointBehaviorDisabledFault	The endpoint behavior has been disabled for the tenant

## GetGroup

Retrieves the details of a VidyPortal group.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
groupID	EntityID	This is an ID for addressing Group object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
group	Group	Group Description on the VidyoPortal including group name, max number of members, and other properties	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## GetGroups

Retrieves VidyoPortal groups that meet optional search criteria.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
filter.<nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	Yes
start	Integer	This is the beginning index of the search result. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the start=30 value.	No

Name	Type	Description	Required
limit	Integer	This is the number of results that are being requested. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the limit=10 value.	No
sortBy	String memberID name Display name extension	This is the field by which the requestor is asking the results to be sorted by. <b>Note</b> In the User API, entityID is used instead of memberID.  Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the sortBy=extension/name/displayName or memeberID value.	No
dir	String: ASC DESC	This is the field by which the requestor is asking the results to be sorted in a specific direction/order, ascending or descending. Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the dir=ASC value.	No
query	String Extension displayName name	This is the search string that uses all the above filter criteria. Example: If the requestor is looking for all members that start with the letters "pau," then query=pau would return the desired results	No

## Response parameters

Name	Type	Description	Required
total	Integer	Total number of Groups	Yes
group	Group	Group Description on the VidyoPortal including group name, max number of members, and other properties	No

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

# GetLectureModeParticipants

Requests to list the participants in a meeting as identified by EntityId (which is similar to GetParticipants but supports Presenter mode instead). To list the participants in a personal room belonging to a Member, the EntityID must be set to the Member.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes
filter.<nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	No

## Response parameters

Name	Type	Description
total	Integer	Number of participants
recorderID	Integer	Recorder ID of the recorder active in the conference
recorderName	String	Recorder name
paused	Boolean	Recording status
webcast	Boolean	Is webcast enabled for the conference
lectureMode	Boolean	Is Lecture Mode on for this conference
LectureMode Participant	LectureModeParticipant	Object of the participants list

## Faults

Name	Description
NotLicensedFault	API is not licensed



Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

LectureModeParticipant is an object with the following parameters:

Name	Type	Description
entityID	EntityID	Entity ID
participantID	EntityID	Entity ID
EntityType	EntityType	EntityType object. There are three types of entities in VidyPortal: Member, Room, and Legacy
displayName	String	Display name
extension	String	Extension
audio	Boolean	Indicates whether the audio is muted
video	Boolean	Indicates whether the video is muted
appshare	Boolean	Indicates whether there is a content share
handRaised	Boolean	Indicates whether a hand is raised
presenter	Boolean	Indicates whether the participant is presenting

## GetLicenseData

Retrieves the VidyPortal's license data.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A

## Response parameters

Name	Type	Description	Required
Name	String	Feature names Ports, Seats, and Installs	Yes
MaxValue	String	Maximum number of Ports, Seats, and Installs that are licensed	Yes
CurrentValue	String	Used number of the Ports, Seats, and Installs	No

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## GetLocationTags

Gets the available Location Tags.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
filter.<nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	Yes
start	Integer	This is the beginning index of the search result. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the start=30 value.	No
limit	Integer	This is the number of results that are being requested. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the limit=10 value.	No

Name	Type	Description	Required
sortBy	String: memberID name displayName extension	<p>This is the field by which the requestor is asking the results to be sorted by.</p> <p><b>Note</b></p> <p>In the User API, entityID is used instead of memberID.</p> <p>Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the sortBy=extension/displayName/name or memberID value.</p>	No
dir	String: ASC DESC	<p>This is the field by which the requestor is asking the results to be sorted in a specific direction/order, ascending or descending.</p> <p>Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the dir=ASC value.</p>	No
query	String: Extension Name Display Name	<p>This is the search string that uses all the above filter criteria.</p> <p>Example: If the requestor is looking for all members that start with the letters "pau," then query=pau would return the desired results</p>	No

## Response parameters

Response containing available Location Tags.

Name	Type	Description	Required
total	Integer	Total number of entities	Yes
location	Location	Location tag name	No

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong

# GetMember

Retrieves the details of a single VidyPortal member.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
memberID	EntityID	The filter type is used to trim down (filter) the search results	Yes

## Response parameter

Name	Type	Description	Required
member	Member	Member properties including name, display name, extension, email, and others	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	Use not allowed due to lack of license
GeneralFault	An unspecified error occurred
MemberNotFoundException	Member not found

# GetMembers

Retrieves VidyPortal members that meet the criteria specified in a filter (optional).

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
filter.<nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	Yes
start	Integer	This is the beginning index of the search result. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the start=30 value.	No
limit	Integer	This is the number of results that are being requested. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the limit=10 value.	No
sortBy	String: memberID name Display name extension	This is the field by which the requestor is asking the results to be sorted by. In the User API, entityID is used instead of memberID. Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the sortBy=extension/name/displayName or memeberID value.	No
dir	String ASC DESC	This is the field by which the requestor is asking the results to be sorted in a specific direction/order, ascending or descending. Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the dir=ASC value.	No
query	String:  Member name	This is the search string that uses all the above filter criteria. Example: If the requestor is looking for all members that start with the letters "pau," then query=pau would return the desired results.	No

## Response parameters

Name	Type	Description	Required
total	Integer	Total number of registered members	Yes
member	member	Member properties including name, display name, extension, email and others	No

# GetParticipants

Lists the participants in a VidyoPortal member's personal room. The entityID must be set to the VidyoPortal member's entityID.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
conference	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes

## Response parameters

Name	Type	Description	Required
Total	Integer	Total number of registered members	Yes
Entity	EntityID	This object is returned as a result of search for member, public room, or legacy device	No

# GetPortalVersion

Gets the portal version.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	

## Response parameter

Name	Type	Description	Required
portalVersion	String	Portal version	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## GetRoom

Retrieves a room's details.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
roomID	EntityID	Unique room identifier	Yes

### Response parameter

Name	Type	Description	Required
room	room	Room description	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
RoomNotFoundException	Room not found

# GetRoomProfile

Requests to get a profile for a room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	Unique room identifier	Yes

## Response parameter

Name	Type	Description	Required
roomProfile	RoomProfile	Specifies the room profile	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

# GetRoomProfiles

Requests to get a profile for rooms.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	Unique room identifier	Yes



## Response parameters

Name	Type	Description	Required
total	Integer	Total number of profiles that are available	Yes
roomProfile	RoomProfile	Specifies the room profile	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## GetRooms

Retrieves rooms that meet optional search criteria.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
filter.<nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	Yes
start	Integer	This is the beginning index of the search result. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the start=30 value.	No
limit	Integer	This is the number of results that are being requested. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the limit=10 value.	No
sortBy	String: memberID	This is the field by which the requestor is asking the results to be sorted by.	No

Name	Type	Description	Required
	name displayName extension	<p><b>Note</b></p> <p>In the User API, entityID is used instead of memberID.</p> <p>Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the sortBy= extension/name/displayName or memberID value</p>	
dir	String: ASC DESC	<p>This is the field by which the requestor is asking the results to be sorted in a specific direction/order, ascending or descending.</p> <p>Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the dir=ASC value.</p>	No
query	String: name displayName extension	<p>This is the search string that uses all the above filter criteria.</p> <p>Example: If the requestor is looking for all members that start with the letters "pau," then query=pau would return the desired results</p>	No

## Response parameters

Name	Type	Description	Required
total	Integer	Total number of rooms	Yes
room	Room	Room description including room name, room owner and other properties	No

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## inviteToConference

Invites a VidyoPortal member to join a room. This request can be issued only by a VidyoPortal member who can control the room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
entityID	EntityID	This is an ID for addressing a Member object in VidyoPortal	Yes
invite	String	This field could be used for dialing string to a legacy device or making a VidyoVoice call	No
callFromIdentifier	String	The optional "callFromIdentifier" used to override the from extension number, should only be used for customization with legacy. This should only be used in the case of customization of the caller details.	No

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments wete passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## LeaveConference

Removes a participant (endpoint) from a conference.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
participantID	EntityID	This is an ID for addressing a Member object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## MuteAudio

Mutes the audio for a given participant (endpoint) in the conference.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
participantID	EntityID	This is an ID for addressing a Member object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## removeModeratorPIN

Creates a Moderator PIN for a room or a member's personal room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes
PIN	String	Specifies the Moderator PIN - used for creating and updating an existing PIN	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

## RemovePresenter

Removes a presenter from the conference during Presenter mode (Lecture mode).

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes
participantID	EntityID	Participant ID of the participant who had raised hand that the moderator wishes to dismiss	Yes

### Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

# RemoveRoomPIN

Removes a PIN for a room or VidyPortal member's personal room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

# RemoveRoomProfile

Requests to remove a profile from a specified room ID.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	Unique room identifier	Yes

## Response parameter

Name	Type	Description	Required
OK	String	Specify that the configuration has been setup successfully	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## RemoveRoomURL

Deletes an URL for a room or VidyoPortal member's personal room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes



## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## RoomIsEnabled

Retrieves the enabled or disabled status of the private or personal room on the VidyPortal.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
roomID	EntityID	The unique room identifier	Yes

### Response parameter

Name	Type	Description
Enabled	Boolean	Provides the status of the room as enabled (True) or disabled (False)

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
RoomNotFoundFault	Room not found

# ScheduledRoomEnabled

Checks whether the Scheduled Rooms feature is enabled on the tenant level.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always empty)		Use only the HTTP Authentication header	N/A

## Response parameter

Name	Type	Description
scheduledRoomEnabled	Boolean	Indicates whether the Scheduled Room feature has been disabled on the tenant

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
NotLicensedFault	API is not licensed

# ScheduledRoomIsEnabled

Retrieves the enabled or disabled status of the Scheduled room on the VidyoPortal.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
extension	String	The room extension on the VidyoPortal	Yes
pin	String	The room's randomly generated PIN. If the room was created with a PIN, this field is mandatory.	Optional

## Response parameter

Name	Type	Description
enabled	Boolean	Provides the status of the room as enabled (True) or disabled (False)

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
RoomNotFoundFault	Room not found

## searchMembers

Optimizes searches for members.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
start	integer	Starting row number to return	No
limit	integer	Maximum number of results to return	No
sortBy	string	Field to sort by	No

Name	Type	Description	Required
sortDir	sortDir	Sort ascending ("ASC") or descending ("DESC")	No
MemberFilter	MemberFilter	A MemberFilter object containing: <ul style="list-style-type: none"> <li>• memberName (string)</li> <li>• roomExtension (string)</li> <li>• RoleName</li> <li>• groupName (string)</li> <li>• status (string)</li> </ul>	No

## Response parameters

Name	Type	Description	Required
start	integer	Starting row number returned	Yes
limit	integer	Maximum number of results returned	Yes
sortBy	string	Field sorted by	Yes
MemberFilter	MemberFilter	A MemberFilter object containing: <ul style="list-style-type: none"> <li>• memberName (string)</li> <li>• roomExtension (string)</li> <li>• RoleName</li> <li>• groupName (string)</li> <li>• status (string)</li> </ul>	Yes
total	total	The total number of possible results	Yes
Member	Member	The list of Member objects containing: <ul style="list-style-type: none"> <li>• memberID (EntityID)</li> <li>• name (string)</li> <li>• password (string)</li> <li>• displayName (string)</li> <li>• extension (string)</li> <li>• Language</li> <li>• RoleName</li> <li>• groupName (string)</li> <li>• proxyName (string)</li> </ul>	No

Name	Type	Description	Required
		<ul style="list-style-type: none"> <li>• emailAddress (string)</li> <li>• created (string)</li> <li>• description (string)</li> <li>• allowCallDirect (boolean)</li> <li>• allowPersonalMeeting (boolean)</li> <li>• locationTag (string)</li> <li>• creationTime (dateTime)</li> <li>• modificationTime (dateTime)</li> </ul>	

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

## SetChatStateAdmin

Sets whether the private and/or public chat options should be enabled or disabled on the tenant. Once disabled, Vidyo clients joining conferences on this VidyoPortal will not be able to engage in a chat conversation.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
setPrivateChatState	Boolean	Indicates whether the private chat is enabled (True) or disabled (False) on the tenant. Private chat is enabled by default.	No
setPublicChatState	Boolean	Indicates whether the public chat is enabled (True) or disabled (False) on the tenant. Public chat is enabled by default.	No

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the operation was made successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
ChatNotAvailableInSuperFault	Chat was set to "Unavailable" by the Super Admin and therefore the chat states cannot be updated

## setLayout

Sets the display layout to Gallery View, Active Speaker, or Continuous Presence.

### Note

This API only supports participants that are legacy endpoints connected via the VidyoGateway.

## Request parameters

Name	Type	Description	Required
participantID	EntityID	Obtained from getParticipants	Yes
layout	String	Not validated by the VidyoPortal. Valid choices include: <ul style="list-style-type: none"><li>• Gallery View</li><li>• Active Speaker</li><li>• Continuous Presence</li></ul>	No
maxParticipants	Integer	Not validated by the VidyoPortal. Valid choices include integers from 1 through 8.	No

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	Invalid ParticipantId or ParticipantID is not a virtual endpoint
GeneralFault	Unable to communicate with endpoint

## SetPresenter

Assigns a presenter to the conference during Presenter mode (Lecture mode).

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes
participantID	EntityID	Participant ID of the participant who had raised hand that the moderator wishes to dismiss	Yes

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

## SetRoomProfile

Requests to set a profile for a room.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
roomID	EntityID	Unique room identifier	Yes
roomProfileName	String	Specifies the auto mute configuration selection profiles. The new profiles are: <ul style="list-style-type: none"><li>'VideoOnly' - will locally auto mute audio only</li><li>'AudioOnly' - will locally auto mute video only</li><li>'NoAudioAndVideo' - will auto mute both audio and video</li></ul>	Yes

### Response parameter

Name	Type	Description	Required
OK	String	Specify that the configuration has been setup successfully	Yes



## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## SetTenantRoomAttributes

Sets the room attributes listed below and decides on the desired behavior for Presenter mode and Waiting Room for all the rooms on that tenant. These settings cannot be overridden by normal users.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
setWaitingRoomState	Integer	Indicates whether Waiting Room is: <ul style="list-style-type: none"><li>Disabled on the meetings in the tenant (0)</li><li>Enabled and when the owner joins, the conference will begin (1)</li><li>Enabled and a presenter should be assigned to the meeting (2)</li></ul> The Request parameter is optional, and no change will take place if a value is not provided.	No
supportedClientsOnly	Boolean	Specifies whether endpoints that do not support Presenter and Waiting Room modes cannot join the meeting (True) or are allowed in (False). The Request parameter is optional, and no change will take place if a value is not provided.	No

### Response parameter

Name	Type	Description
Ok	String	Acknowledges that the operation was made successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

## startLectureMode

Starts Presenter mode (Lecture mode) on the Vidyoportal and on the endpoints. All endpoints will go into Presenter mode.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes

### Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

# StartVideo

Starts the video for a given participant (endpoint) in a conference.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
participantID	EntityID	This is an ID for addressing a Member object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

# stopLectureMode

Stops Presenter mode (Lecture mode) on the VidyoPortal and on the endpoints. All endpoints will exit Presenter mode.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

## StopVideo

Stops the video for a given participant (endpoint) in a conference.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
participantID	EntityID	This is an ID for addressing a Member object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## TransferParticipantRequest

Transfers a participant (identified by participantID) from their current conference to another conference (identified by conferenceID) with an optional PIN (roomPIN). If the destination conference is PIN-protected, the correct PIN must be provided.

### Note

This API only supports participants that are legacy endpoints connected via the VidyoGateway.

## Request parameters

Name	Type	Description	Required
participantID	EntityID	The participant to be transferred	Yes
conferenceID	EntityID	The destination conference	Yes
roomPIN	String	The PIN for the destination conference	No*

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	<ul style="list-style-type: none"><li>• "Invalid ParticipantID" (when &lt;= 0)</li><li>• "Invalid ConferenceID" (when &lt;= 0)</li><li>• "ParticipantID is not a valid virtual endpoint"</li><li>• "Participant cannot be transferred to conference they are already in."</li><li>• "ParticipantID for &lt;participantID&gt; belongs to other tenant"</li><li>• "Invalid ConferenceID and/or PIN"</li></ul> <p>Applies the following cases:</p> <ul style="list-style-type: none"><li>• DB error looking up conference</li><li>• Conference does not exist</li><li>• Conference belongs to other tenant</li><li>• Personal or public room has a PIN but not provided or does not match</li></ul> <p>Scheduled room validation errors for the following cases:</p> <ul style="list-style-type: none"><li>• PIN not provided but is required</li><li>• Ext/PIN validation fails via scheduled room API</li><li>• "Room is disabled."</li><li>• "Room is locked."</li><li>• "Room is full."</li></ul>
GeneralFaultException	VidyoPortal is unable to communicate with the VidyoGateway
NotLicensedException	VidyoPortal is not licensed for Admin APIs

## UnmuteAudio

Unmutes the audio for a given participant (endpoint) in a conference.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
participantID	EntityID	This is an ID for addressing a Member object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## updateEndpointBehavior

Updates the endpoint behavior at the tenant level.

This method can use the following parameters.

## Request parameters

Name	Type	Description
EndpointBehavior	Endpoint BehaviorType	Contains the parameters for all endpoint behavior configurations. These parameters may include the following: <ul style="list-style-type: none"><li>welcomePage (integer)</li><li>beautyScreen (integer)</li><li>loginModule (integer)</li></ul>

Name	Type	Description
		<ul style="list-style-type: none"> <li>• publicChat (integer)</li> <li>• leftPanel (integer)</li> <li>• inCallSearch (integer)</li> <li>• inviteParticipants (integer)</li> <li>• contentSharing (integer)</li> <li>• shareDialogOnJoin (integer)</li> <li>• displayLabels (integer)</li> <li>• remoteContentAccess (integer)</li> <li>• cameraMuteControl (integer)</li> <li>• muteCameraOnEntry (integer)</li> <li>• audioMuteControl (integer)</li> <li>• muteAudioOnEntry (integer)</li> <li>• deviceSettings (integer)</li> <li>• pinnedParticipant (integer)</li> <li>• recordConference (integer)</li> <li>• exitOnUserHangup (integer)</li> <li>• automaticallyUpdate (integer)</li> <li>• lockUserName (integer)</li> <li>• enableAutoAnswer (integer)</li> <li>• participantNotification (integer)</li> <li>• fullScreenVideo (integer)</li> </ul> <p>Optional parameters</p> <ul style="list-style-type: none"> <li>• windowSizeHeight (integer)</li> <li>• windowSizeWidth (integer)</li> <li>• windowPositionTop (integer)</li> <li>• windowPositionBottom (integer)</li> <li>• windowPositionLeft (integer)</li> <li>• windowPositionRight (integer)</li> <li>• recordingRole (string)</li> <li>• preIframeUrl (string)</li> <li>• preIframeSize (integer)</li> <li>• topIframeUrl (string)</li> <li>• topIframeSize (integer)</li> <li>• leftIframeUrl (string)</li> </ul>



Name	Type	Description
		<ul style="list-style-type: none"> <li>• leftIframeSize (integer)</li> <li>• rightIframeUrl (string)</li> <li>• rightIframeSize (integer)</li> <li>• bottomIframeUrl (string)</li> <li>• bottomIframeSize (integer)</li> <li>• postIframeUrl (string)</li> <li>• postIframeSize (integer)</li> <li>• endpointBehaviorKey (string)</li> </ul>

## Response parameters

Name	Type	Description
Ok	String	Acknowledges that the operation was made successfully

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NoEndpointBehaviorExistsFault	The endpoint behavior does not exist for the tenant
GeneralFault	An unspecified error occurred
EndpointBehaviorDisabledFault	The endpoint behavior has been disabled for the tenant

## UpdateGroup

Updates a VidyoPortal group.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
groupID	EntityID	This is an ID for addressing Group object in the VidyoPortal	Yes

Name	Type	Description	Required
group	Group	Group Description on the VidyPortal including groupID, name, roomMaxUsers, userMaxBandWidthIn, userMaxBandWidthOut, description, allowRecording	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
GroupNotFoundException	Group not found

## UpdateMember

Updates the details of a VidyPortal member.

### Note

The UserName parameter can't be changed using this method. In order to modify the user name, a new user should be created and all parameters copied.

All other member parameters can be modified using the UpdateMember method.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
memberID	EntityID	Unique member identifier	Yes
member	Member	New member's properties	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
MemberNotFoundException	Member not found

## UpdateRoom

Updates the details of a VidyoPortal room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
roomID	EntityID	This is the ID of addressing room object in the VidyoPortal	Yes
room	Room	Room description including room name, room owner, and other properties	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
RoomNotFoundException	Room not found
RoomAlreadyExistsException	Room already exists

# 16: Guest API

---

The Guest API (com.vidyo.portal.guest) provides functionality to log in as a guest, link an endpoint, and join a conference as a guest.

You use this API when developing third party endpoints or applications targeted for end users.

Guest API methods do not require authorization parameters (login and password).

## URL

The VidyoPortal Guest Service URL is :

<http://VIDYOPORTAL/services/VidyoPortalGuestService?wsdl>

## Functionality

This API includes the following functionality.

- Log in as a guest
- Link endpoint
- Join a conference as a guest

## createTestcallRoom

Creates a test call room, which gets forwarded to the WebRTC test call server.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
CreateTestcallRoomRequest	Create Testcall Room Request	Creates a test call room	Yes

## Response parameter

Name	Type	Description	Required
extension	String	Extension number of the room	Yes
roomURL	URI	URL to access the room	Yes
roomKey	String	Unique room access key	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
TestcallRoomCreationFault	An unspecified error occurred while creating the test call room

## getClientVersion

Returns the version of the active client endpoint uploaded for a Tenant, which may be a CDN URL or VidyoPortal URL. There can be multiple versions uploaded but only one version can be active for a given client type. If there is no active client, the Response parameters come back empty.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
ClientType	String	<p>Specifies the type of client being requested:</p> <ul style="list-style-type: none"><li>• Type is 'W' for Windows platform</li><li>• Type is 'M' for Mac OS platform</li><li>• Type is 'V' for VidyoRoom HD-200 (Windows platform)</li><li>• Type is 'R' for VidyoRoom HD-100/HD-50 (Windows platform)</li><li>• Type is 'L' for Linux platform</li><li>• Type is 'S' for SL5 platform</li><li>• Type is 'U' for Ubuntu platform</li><li>• Type is 'T' for SL5 64-bit platform</li><li>• Type is 'X' for Ubuntu 64-bit platform</li></ul>	Yes

Name	Type	Description	Required
		<ul style="list-style-type: none"> <li>Type is 'P' for VidyoPanorama 600 (deprecated)</li> <li>Type is 'N' for VidyoPanorama 600 running Windows 64-bit (deprecated)</li> <li>Type is 'O' for VidyoPanorama 600 running Linux (deprecated)</li> <li>Type is 'Q' for VidyoRoom running Windows 32-bit</li> <li>Type is 'Y' for VidyoRoom running Windows 64-bit</li> <li>Type is 'Z' for VidyoRoom running Linux</li> </ul>	

## Response parameters

Name	Type	Description	Required
CurrentTag	String	Specifies the tag of the endpoint version	Yes
InstallerURL	String	Specifies the CDN or VidyoPortal URL where the endpoint can be downloaded from	Yes

## Faults

Name	Description
InvalidArgumentFault	Invalid Argument Fault or in case that the conferenceID or entityID doesn't exist
GeneralFault	An unspecified error occurred

## GuestJoinConference

A VidyoPortal member's request to join a meeting room. Request by a guest to join a meeting room identified by hash string.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
guestID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
pin	String	PIN is an optional string in case the room has a PIN	No

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
ResourceNotAvailableFault	Resources are not available for the requested operation
WrongPinFault	PIN provided to joinConference is wrong
ConferenceLockedFault	Conference provided by EntityID is unable to be joining, due to the fact that it is locked
RoomIsFullFault	Resources are not available - Room is full
AllLinesInUseFault	Resources are not available - All Lines in use

## joinIPCConference

A VidyoPortal member's request to join a meeting room on a different portal using IPC (Inter-Portal Communication).

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
local-part	String	This is an address of room (username for private room, room name for public room or extension)	Yes
domain	String	FQDN or IP address of remote VidyoPortal	Yes
pin	String	(optional) required if remote room is pinned	No



## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedFault	API is not licensed
WrongPinFault	PIN provided to joinIPCConference is wrong
ConferenceLockedFault	Conference provided by EntityID is unable to be joined due to the fact that it is locked
SeatLicenseExpiredFault	Seat license has expired and needs to be renewed

## LinkEndpointToGuest

Retrieves the VidyoPortal guest entity from the VidyoPortal. Http authentication header is not needed for this request.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
guestID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
EID	String	Endpoint ID – User associated with the Vidyo endpoint identifier	Yes
vrIP	String	VidyoRouter Ip address	No
clientType	String	Represent client type: <ul style="list-style-type: none"><li>Type is 'W' for Windows platform.</li></ul>	No

Name	Type	Description	Required
		<ul style="list-style-type: none"> <li>Type is 'M' for MacOS platform.</li> <li>Type is 'V' for VidyoRoom HD200 (Windows platform).</li> <li>Type is 'R' for VidyoRoom HD100/HD50 (Windows platform).</li> <li>Type is 'L' for Linux platform.</li> <li>Type is 'S' for SL5 platform.</li> <li>Type is 'U' for Ubuntu platform.</li> <li>Type is 'T' for SL5 64bit platform.</li> <li>Type is 'X' for Ubuntu 64bit platform.</li> <li>Type is 'I' for iOS Type is 'A' for Android.</li> </ul>	

## Response parameter

Name	Type	Description	Required
Entity	EntityID	If the user's authentication is successful, the Member entity is returned	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
AccessRestrictedFault	Resources are not available for the requested operation

## LogInAsGuest

Login request to the VidyoPortal for guest users. Guest is identified in the guestName parameter. Http authentication header is not needed for this request.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
guestName	String	Name of the guest	Yes
roomKey	String	Unique Room identifier. WSAdminAPI::GetRoom/s request or WSUserAPI::Search will provide you the room RoomUrl. The room Url has the roomkey. You should parse this key. (room URL example <a href="http://dev20.vidyo.com/flex.html?roomdirect.html&amp;key=t9EPujHpYAR">http://dev20.vidyo.com/flex.html?roomdirect.html&amp;key=t9EPujHpYAR</a> )	Yes
returnEndpoint Behavior	Boolean	Flag to return the endpoint behavior if configured	No

## Response parameters

Name	Type	Description	Required
guestID	String	Guest Id	Yes
isLocked	Boolean	true or false	No
hasPin	Boolean	true or false	No
vmaddress	String	VidyoManager address	No
proxyaddress	String	VidyoProxy address	No
loctag	String	Location Tag (to be used for cascading scenarios)	No
un	String	Temporary guest username	Yes
pak	String	The Portal Access Key	Yes
portal	String	Portal address	No
portalVersion	String	Portal Version	No

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
ResourceNotAvailableFault	Resources are not available for the requested operation
RoomIsFullFault	Room is full

## RaiseHand

Signals the VidyPortal about a raise hand request made during Presenter mode (Lecture mode) from a participant.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
guestID	integer	Guest ID	Yes
Username	String	Username	Yes

### Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Fault

Name	Description
GeneralFault	An unspecified error occurred

# setEndpointDetails

Enables endpoints to report their capabilities to the VidyoPortal during the authentication process. The endpoints must report their capabilities in order to be given permission for some of the system level features such as Presenter Mode. Vidyo endpoints gain new capabilities as features are added to newer versions.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
guestID	Integer	Guest ID	Yes
EID	String	The endpoint ID	Yes
EndpointFeature	EndpointFeature	The list of features supported by the endpoint and whether those are enabled or not	Optional
applicationName	String	The Vidyo application name (for example, VidyoDesktop, VidyoMobile, etc.)	Optional
applicationVersion	String	The application version (for example, VidyoDesktop, VidyoMobile, etc.)	Optional
applicationOs	String	The OS on which the Vidyo application is running (for example, Windows)	Optional
deviceModel	String	The device model on which the application is running (for example, iPhone 5S)	Optional

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
EndpointNotBoundFault	Endpoint Not Bound Fault
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

# UnraiseHand

Signals the VidyoPortal about an unraise hand request made during Presenter mode (Lecture mode) from a participant who had previously raised their hand.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
guestID	Integer	Guest ID	Yes
Username	String	Username	Yes

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the request was received successfully

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

# WhatIsMyIPAddress

Requests the VidyoPortal to send the endpoint public IP address. This information is also reflected in the CDR table.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A

## Response parameter

Name	Type	Description
endpointExternalIPAddress	String	Returns the EP's external IP address or Unknown if the IP address is unknown

## Fault

Name	Description
GeneralFault	An unspecified error occurred

# 17: User API

---

The User API (com.vidyo.portal.user) provides functionality like search, join meetings rooms, make direct calls, and so on.

You use this API when developing third party endpoints or applications targeted for end users.

Implicit in each request are authorization parameters (login and password) identifying the requester. If any API method allows anonymous requests (for example, allowing guests to join a meeting room), then the requester will be assumed to be Guest if the request does not contain credentials.

## URL

The VidyoPortal User Service URL is:

[http://VIDYOPORTAL/services/v1\\_1/VidyoPortalUserService?wsdl](http://VIDYOPORTAL/services/v1_1/VidyoPortalUserService?wsdl)

## Functionality

This API includes the following functionality.

### Member account and preference

- Get member account details
- Update member account details

### Member speed dial settings

- Get member's speed dial list
- Update member's speed dial list

### Search operations

- List members and status - all or search based on matching prefixes
- If all is specified, the result set will be limited to a fixed maximum item and further queries are required to fetch rest of the items
- List rooms and status - all or search based on matching prefixes

### Meeting room and direct call

- Member login so that the other members will be able to invite or place a direct call to this member
- Member logout so that this member is no longer available



- Place a direct call to other member
- Join a meeting room
- Invite another member to a meeting room

## Room settings and control

- Generate a meeting room URI. Members and guest users can follow this URI link to join the meeting room
- Delete the meeting room URI
- Lock meeting room for restricting access to a meeting
- Unlock meeting room for allowing access to a meeting
- List participants in a given meeting
- Disconnect participant from a given meeting. Deleting a room automatically disconnects the meeting room participants.
- Mute /unmute audio for a given participant in a meeting
- Start /stop Video for a given participant in a meeting
- Create or update PIN for a room

## Record control

- Start recording
- Stop recording
- Resume recording
- Pause recording
- Get recording profiles

## Content management

- Search recorded file
- Update recorded file
- Delete recorded file

## Webcasting

- Create Webcast URL
- Remove Webcast URL
- Get Webcast URL
- Remove Webcast pin
- Get recording profiles

# addToMyContacts

Adds a VidyoPortal member, room, or legacy device to a VidyoPortal member's favorites.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
entityID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

# cancelOutboundCall

Enables the moderator to cancel an outgoing user invite request.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Specifies the conference ID which the moderator is logged in to	Yes
entityID	EntityID	Indicates that the user that has been invited. User cannot invite an entity that is of type Legacy	Yes
moderatorPIN	String	Specifies the moderator PIN	Optional

## Response parameter

Name	Type	Description
Ok	String	Indicates that the cancelation has been successful

## Faults

Name	Description
InvalidArgumentFault	Invalid Argument Fault or in case that the conferenceID or entityID doesn't exist
GeneralFault	An unspecified error occurred
NotLicensedFault	API is not licensed
ControlMeetingFault	The user is not allowed to control the conference (only for User API)
SeatLicenseExpireFault	Seat license expired

## createModeratorPIN

Creates a Moderator PIN for a room or a member's personal room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

Name	Type	Description	Required
PIN	String	Specifies the Moderator PIN - used for creating and updating an existing PIN	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
InvalidModeratorPINFormatFault	The format of the Moderator PIN is not valid - either not right amount of digits, or invalid characters (PIN should be a 3-10 digit number)
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

## createModeratorURL

Creates a moderator URL for the HTML Web-based control meeting. The user making the request must be the room owner.

The generated moderator URL links to the room's HTML Web-based control meeting page and may be opened from any platform (desktop, mobile, etc.).

Accessing the URL:

- Requires a moderator PIN when opened from the moderator URL.
- Does not require a moderator PIN when opened from within a Vidyo client linking to this page and the room owner is already logged in to the system.

If the moderator URL is invalid, accessing the Web page results in an access error.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description
Ok	String	Indicates that the action was performed successfully

## Faults

Name	Description
GeneralFault	An unspecified error occurred
rooIDFault	The specified room ID is invalid

## createPublicRoom

Allows users to create a public room by specifying the Display Name. Auto-generates the Room Name and Extension, and enforces limitations on the number of public rooms that a User, Tenant, and Portal can create.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
displayName	string	Public room display name	Yes
inMyContacts	boolean	Indicates whether to add to contact list	No
locked	boolean	Indicates whether room is locked	No
setPIN	string	PIN for the public room	No
description	string	Description of the public room	No

## Response parameters

Name	Type	Description	Required
roomId	EntityID	EntityID of the newly created public room	Yes
extension	string	Extension of the public room	Yes
roomURL	anyURI	URL for the public room	Yes
inMyContacts	boolean	Indicates whether the public room is in contact list	No
locked	boolean	Indicates whether the public room is locked	No
hasPIN	boolean	Indicates whether the public room has a PIN	No

## Faults

Name	Description
NotLicensedFault	API is not licensed
NotAllowedToCreateFault	Not authorized to create public room
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
PublicRoomCreationFault	Failed to create a public room

## createRoom

Creates a Public Room that belongs to the member.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
name	String	Name of the room	Yes
extension	String	Room extension	Yes

## Response parameter

Name	Type	Description	Required
Entity	object	Entity Object	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## createRoomPIN

Creates a PIN for a room or VidyPortal member's personal room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyPortal	Yes
PIN	String	PIN string	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## createRoomURL

Creates an URL for a room or VidyoPortal member's personal room.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
roomId	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

### Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed



# createScheduledRoom

Creates an ad-hoc conference room. Allows for specifying between 1 and 400 unused days after which the room will be garbage collected in the system. When specifying 0, the VidyPortal currently auto-selects 100 days by default. As part of the response, the user receives a unique room link or extension to access this room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
recurring	Integer	Unused days after which the room will be garbage collected	Optional
setPIN	Boolean	The room will be generated with a PIN	Optional

## Response parameters

Name	Type	Description
extension	String	The room's unique ID
pin	String	The room's randomly generated PIN
inviteContent	String	Content of the invite text (will include the room URL, PIN, and extension)
roomURL	String	The room's URL
inviteSubject	String	The email invitation subject

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired and needs to be renewed
ScheduledRoomCreationFault	Scheduled Room Creation Fault

# createTestcallRoom

Creates a test call room, which gets forwarded to the WebRTC test call server.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
CreateTestcallRoomRequest	Create Testcall Room Request	Creates a test call room	Yes

## Response parameter

Name	Type	Description	Required
extension	String	Extension number of the room	Yes
roomURL	URI	URL to access the room	Yes
roomKey	String	Unique room access key	Yes

## Faults

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedFault	API is not licensed
TestcallRoomCreationFault	An unspecified error occurred while creating the test call room
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

# DeleteRoom

Removes a Vidy Portal room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is the ID of addressing room object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## directCall

Requests for a VidyoPortal member to place a direct call to another VidyoPortal member as identified by EntityID.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
entityID	EntityID	This is an ID for addressing a Member object in the VidyoPortal	Yes
Invite	String	This field could be used for dialing string to a Legacy Device or making a VidyoVoice call	No

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## disconnectConferenceAll

Disconnects all participants from a specified conference room, including the conference moderator and the person controlling the room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	If set to TRUE, the Scheduled Room information generated will have a PIN associated with it	Yes
moderatorPIN	String	Specifies the moderator PIN to grant access to the action requested	Optional

## Response parameter

Name	Type	Description
Ok	String	Indicates that the action was performed successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	Invalid Argument Fault or in case the conference ID doesn't exist
GeneralFault	An unspecified error occurred
ControlMeetingFault	Not authorized to perform this action

## DismissAllRaisedHand

Dismisses all raised hands from the moderator.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes
moderatorPIN	String	Moderator PIN	No

### Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

# DismissRaisedHand

Signals the dismissal of a hand from the moderator to the endpoint that had previously raised a hand.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes
participantID	EntityID	Participant ID of the participant who had raised hand that the moderator wishes to dismiss	Yes
moderatorPIN	String	Moderator PIN	No

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

# generateAuthToken

Authenticates registered users and communicates with the VidyoPortal using a new token-based authentication mechanism from Vidyo endpoints. The token is generated based on the EndpointID and validity time. If the validity time is zero, the token is valid until the user logs out or the token is not used for 90 days.

**Note**

The endpoint must be bound to the user (that is, link endpoint is assumed to have been done) prior to using this method.

Valid EID:TOKEN can be used for any operation in the User service except for the following:

- change password
- generateAuthToken

The token should be set in the Authorization header for any User service invocations. Its format is EID:TOKEN, and should be base64 encoded.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
validityTime	String	The time in seconds for the token to remain valid	Yes
endpointid	EndpointID	The endpoint unique identifier	Yes

## Response parameter

Name	Type	Description	Required
authToken	String	Returned Token	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong

## getActiveSessions

Gets a count of all active authentication tokens for a given user.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	

## Response parameter

Name	Type	Description	Required
count	Integer	Conference ID to which the user is logged in to. If the user is not in a conference, the null value returns.	Yes

## Fault

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong

# GetConferenceID

Requests the Conference ID of the conference room the user is associated with.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	

## Response parameter

Name	Type	Description	Required
conferenceID	EntityID	Conference ID to which the user is logged in to. The null value returns if the user is not in a conference.	Yes



## Faults

Name	Description
GeneralFault	An unspecified error occurred
NotLicensedFault	API is not licensed

## GetEntityByEntityID

Gets an Entity Object given the member's EntityID.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
entityID	EntityID	Member's EntityID	Yes

### Response parameters

Name	Type	Description	Required
total	Integer	Total number of profiles that are available	Yes
Entity	Entity	Entity Object	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

#### Note

The response might include the room PINs; however, those are masked from users other than the room owner or the tenant admin.

## GetEntityByRoomKey

Gets an entity by the roomKey provided in the room or guest URL.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
roomKey	String	Room key string (retrieved from room url)	Yes

### Response parameter

Name	Type	Description	Required
Entity	Entity	Entity Object	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

#### Note

The response might include the room PINs; however, those are masked from users other than the room owner or the tenant admin..

# getEntityDetailsByEntityID

Gets an expanded list of entity details, including the new user data such as phone numbers, title, department, location, and the base64 encoded binary of the user's thumbnail photo.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
EntityID	EntityID	List of EntityIDs	Yes

## Response parameters

Name	Type	Description	Required
total	int	The total number of results	Yes
EntityDetails	EntityDetails	List of EntityDetails objects: <ul style="list-style-type: none"><li>entityID (EntityID)</li><li>participantID (EntityID)</li><li>EntityType</li><li>ownerID (EntityID)</li><li>displayName (string)</li><li>extension (string)</li><li>emailAddress (string)</li><li>tenant (string)</li><li>description (string)</li><li>Language</li><li>MemberStatus</li><li>MemberMode</li><li>canCallDirect (boolean)</li><li>canJoinMeeting (boolean)</li><li>canRecordMeeting (boolean)</li><li>isInMyContacts (boolean)</li><li>RoomStatus</li><li>RoomMode</li></ul>	No

Name	Type	Description	Required
		<ul style="list-style-type: none"> <li>• canControl (boolean)</li> <li>• audio (boolean)</li> <li>• video (boolean)</li> <li>• appshare (boolean)</li> <li>• phone1 (string)</li> <li>• phone2 (string)</li> <li>• phone3 (string)</li> <li>• department (string)</li> <li>• title (string)</li> <li>• instantMessengerID (string)</li> <li>• location (string)</li> <li>• thumbnailUpdateTime (dateTime)</li> <li>• thumbnailPhoto (base64Binary)</li> </ul>	

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## GetInviteContent

Gets an invite content for an email message.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameters

Name	Type	Description	Required
content	String	Invite content string	Yes
subject	String	Email invitation subject line string	No

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	Not licensed
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired

### Note

The response might include the room PINs; however, those are masked from users other than the room owner or the tenant admin.

## GetLectureModeParticipants

Requests to list the participants in a meeting as identified by EntityId (which is similar to GetParticipants but supports Presenter mode instead). To list the participants in a personal room belonging to a Member, the EntityID must be set to the Member.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes
Filter <nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	
moderatorPIN	String	Moderator PIN	No

## Response parameters

Name	Type	Description
total	Integer	Number of participants
recorderID	Integer	Recorder ID of the recorder active in the conference
recorderName	String	Recorder name
paused	Boolean	Recording status
webcast	Boolean	Is webcast enabled for the conference
lectureMode	Boolean	Is Lecture Mode on for this conference
Lecture mode participants	LectureModeParticipant	List of the participants

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

LectureModeParticipant is an object with the following parameters:

Name	Type	Description
entityID	EntityID	Entity ID
participantID	EntityID	Participant ID
displayName	String	Display name
extension	String	Extension
audio	Boolean	Indicates whether the audio is muted
video	Boolean	Indicates whether the video is muted
appshare	Boolean	Indicates whether there is a content share

Name	Type	Description
handRaised	Boolean	Indicates whether a hand is raised
presenter	Boolean	Indicates whether the participant is presenting

## getLoginAndWelcomeBanner

Indicates to the endpoint whether a login, click-through banner is required when the user first logs in to the portal and provides the login and welcome info which is set up on the tenant to be displayed on the endpoint.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
(Always empty)		Use only the HTTP Authentication header	N/A

### Response parameters

Name	Type	Description	Required
loginBannerText	String	Welcome text that appears after the client logs in	No
welcomeBannerContent	Complex Type	<p>WelcomeBannerContent for a text-based message to be used on the endpoints upon successful login with the last 5 login attempts (successful and unsuccessful) for that particular user:</p> <p>welcomeBannerText: Welcome screen title text (example: Welcome to VidyoConferencing.)</p> <p>For each login attempt:</p> <p>result: login result (example: SUCCESS, FAILURE: ACCOUNT LOCKED)</p> <p>source address: IP address (example: 172.16.7.206)</p> <p>time: time of the login attempt (format is based on the location of the server)</p> <p>welcomeBannerPasswordExpiryDate: the date of the password expiration (example: 12/27/2013 13:35:50 PM)</p> <p>Parameter will not show up in the response when password expiration is disabled.</p> <p>*In case one of the features is disabled, its information will not be returned in the response.</p>	No

# getModeratorURL

Gets the moderator URL for the HTML Web-based control meeting for a given room by the room owner only.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameters

Name	Type	Description
moderatorURL	String	The control meeting moderator URL
hasModeratorPIN	Boolean	Indicates whether there is a PIN or not

## Faults

Name	Description
GeneralFault	An unspecified error occurred
rooIDFault	The specified room ID is invalid

# getModeratorURLWithToken

Gets the moderator URL for the HTML Web-based control meeting for a given room with a one-time token. The web page will request a moderator PIN if the user is not the owner of the room, an operator, or the administrator. The user must be on the same tenant as the room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes



## Response parameter

Name	Type	Description
moderatorURL	String	The control meeting moderator URL

## Faults

Name	Description
GeneralFault	An unspecified error occurred
roomIDFault	The specified room ID is invalid

## getOnetimeAccessUrl

Fetches the portal access URL with a one-time token.

### Note

Token validity period is five minutes. If a user creates a token but uses it after five minutes, the VidyoPortal will return unauthorized (401).

The user making this call will be logged in the Audit Logs. The Audit Log will store the admin ID, IP address, and member ID of the member who made this call.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	

## Response parameter

Name	Type	Description	Required
url	anyURL	Portal access URL	Yes

## Faults

Name	Description
InvalidArgumentFault	Invalid Argument Fault in case the conference ID doesn't exist
NotLicensed	API is not licensed
GeneralFault	An unspecified error occurred

## getParticipants

Lists the participants in a VidyoPortal member's personal room. The entityID must be set to the VidyoPortal member's entityID.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
conferenceID	EntityID	An ID for addressing a Member object in the VidyoPortal where the conference is started	Yes

### Response parameters

Name	Type	Description	Required
Total	Integer	Total number of the participants	Yes
Array of entities	Entity	Array of entities (o...n)	No

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

# getPINLengthRange

Provides the minimum and maximum number of digits required in a user-provided PIN.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
None			

## Response parameters

Name	Type	Description	Required
minimumPINLength	Integer	The minimum digits for PIN length	Yes
maximumPINLength	Integer	The maximum digits for PIN length	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred

# getPortalFeatures

Queries whether the following features are available on the VidyPortal and, if available, whether the feature is enabled or disabled on the Super Admin level.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A

## Response parameters

Name	Type	Description
PortalFeature	PortalFeature	<p>The following object provides the list of available features that the VidyPortal is supporting: Scheduled Room, Guest login, IPC inbound call, IPC outbound call, HTML control meeting, etc.</p> <p>Change to this version:</p> <ul style="list-style-type: none"><li>• Adding 'EndpointPrivateChat' parameter to indicate whether private chat is enabled on Vidy endpoints</li><li>• Adding 'EndpointPublicChat' parameter to indicate whether public chat is enabled on Vidy endpoints</li><li>• Adding '16TILES' to indicate whether the 16 tiles layout is enabled on VidyDesktop</li><li>• Adding 'HTMLChangePswd' to indicate that this VidyPortal supports an HTML based page for password changing</li><li>• Adding 'RouterParticipantInformation' to indicate that this VidyPortal supports participant information delivered by the VidyRouter</li></ul> <p>Each of these parameters can get the values of True or False.</p> <p>For earlier VidyPortals on which this feature is not available, this value will not show up when querying this service.</p>
LoginBanner	Boolean	Indicates whether the Login Banner feature is supported by the VidyPortal
WelcomeBanner	Boolean	Indicates whether the Welcome Banner feature is supported by the VidyPortal
CDR2_1	Boolean	Indicates whether the CDR scheme on the VidyPortal is from version 2.1
ScheduledRoom	Boolean	Indicates whether the VidyPortal supports Scheduled Rooms

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred

# GetPortalVersion

Gets the portal version.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	

## Response parameter

Name	Type	Description	Required
portalVersion	String	Portal version	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired and needs to be updated

# GetRoomProfile

Gets a profile for a room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	Unique room identifier	Yes

## Response parameter

Name	Type	Description	Required
roomProfile	RoomProfile	Specifies the room profile	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## GetRoomProfiles

Gets a profile for rooms.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	Unique room identifier	Yes

## Response parameters

Name	Type	Description	Required
total	Integer	Total number of profiles that are available	Yes
roomProfile	RoomProfile	Specifies the room profile	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## getUserAccountType

This method can use the following parameters.

### Response parameter

Additions to the existing Response parameter:

Name	Type	Description
userAccountType	String	<p>The account type of the logged in user. The following are the possible user account types that the portal can return:</p> <p>Should add as Response parameters in the Table</p> <ul style="list-style-type: none"><li>• Admin</li><li>• Operator</li><li>• Normal</li><li>• VidyoRoom</li><li>• Executive</li><li>• VidyoPanorama</li></ul>

## GetUserName

Requests a real username as was created by the admin and saved in the DB.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A

## Response parameter

Name	Type	Description	Required
realUserName	String	Username as was created and saved in DB	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong

## inviteToConference

Invites a VidyoPortal member to join a room. This request can be issued only by a VidyoPortal member who can control the room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the Room object in the VidyoPortal where the conference is started	
and			Yes
entityID	EntityID	This is an ID for addressing the Room object in the VidyoPortal where the conference is started.	



Name	Type	Description	Required
OR			
conferenceID	EntityID	This is an ID for addressing the Room object in the VidyoPortal where the conference is started	
and			Yes
invite URL	String	This field could be used for dialing String to a Legacy Device or making a VidyoVoice call	

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## joinConference

A VidyoPortal member's request to join a meeting room. To join a VidyoPortal member's personal room, the entityID must be set to the VidyoPortal member's entityID.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
pin	String	PIN is an optional string in case the room has a PIN	No

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed
WrongPinFault	Wrong pin
ConferenceLockedFault	Conference locked

## leaveConference

Removes a participant (endpoint) from a conference.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
participantID	EntityID	This is an ID for addressing a Member object in the VidyoPortal where the conference is started	Yes

## Response parameters

Name	Type	Description	Required
Total	Integer	Total number of the participants	Yes
Array of entities	Entity	Array of entities (o...n)	No

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## linkEndpoint

Retrieves the VidyoPortal member entity from the VidyoPortal using a valid HTTP authentication request.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
EID	String	Endpoint ID - User identified in HTTP authentication header is associated with the Vidyo endpoint identifier	Yes
vrIP	String	VidyoRouter IP Address	No
clientType	String	Represents the following client types: <ul style="list-style-type: none"><li>• Type 'W' is for Windows platform</li><li>• Type 'M' is for MacOS platform</li><li>• Type 'V' is for VidyoRoom HD200 (Windows platform)</li><li>• Type 'R' is for VidyoRoom HD100/HD50 (Windows</li></ul>	No

Name	Type	Description	Required
		platform) <ul style="list-style-type: none"> <li>Type 'L' is for Linux platform</li> <li>Type 'S' is for SL5 platform</li> <li>Type 'U' is for Ubuntu platform</li> <li>Type 'T' is for SL5 64bit platform</li> <li>Type 'X' is for Ubuntu 64bit platform</li> <li>Type 'I' is for iOS</li> <li>Type 'A' is for Android</li> </ul>	
applicationName	String	Vidyo application name (for example, VidyoDesktop, VidyoMobile, etc.)	
applicationVersion	String	Application version (for example, VidyoDesktop, VidyoMobile, etc.)	
applicationOS	String	OS on which the Vidyo application is running (for example, Windows)	
deviceModel	String	Device model on which the application is running (for example, iPhone 5S)	
pak2	Boolean	PAK2 support	

## Response parameter

Name	Type	Description	Required
Entity	EntityID	If the user's authentication is successful, the Member entity is returned	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed
AccessRestrictedFault	Access restriction to login through mobile device

# lockRoom

Locks a public or personal room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

# logIn

Retrieves the Protocol Access Key (pak) from the VidyoPortal.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A
returnEndpointBehavior	Boolean	Flag to return the endpoint behavior if configured	No
returnAuthToken	Boolean	Flag to return the authentication token	No
returnPortalVersion	Boolean	Flag to return the corresponding VidyoPortal version	No

## Response parameters

Name	Type	Description	Required
Pak	String	The Portal Access Key- If the user's authentication is successful, the Portal Access Key is returned	Yes
vmaddress	String	VidyoManager address	No
proxyaddress	String	VidyoProxy address	No
Loctag	String	Location Tag (to be used for cascading scenarios)	No
pak2	String	Returns the PAK2 string when PAK2 is supported by the VidyoPortal	No
authToken	String	Authentication token that can be used in subsequent requests	No
portalVersion	String	The VidyoPortal version	No

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

# logOut

Sends a sign-out request to the VidyPortal.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

# logoutAllOtherSessions

Logs out all sessions tokens for a given user.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	

## Response parameter

Name	Type	Description	Required
Ok	String	Specify that the action was performed successfully	Yes

## Fault

Name	Description
None	

## muteAudio

Mutes the audio for a given participant (endpoint) in the conference.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
participantID	EntityID	This is an ID for addressing a Member object in the VidyoPortal where the conference is started	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes



## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## muteAudioClientAll

Silences all participants in the specified conference, including the conference moderator and the person controlling the room. Participants are able to unmute themselves from their client user interfaces. There is no 'unmuteAudioClientAll' equivalent given that users can unmute themselves locally.

While in this mode, new participants joining the conference are also silenced.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	If set to TRUE, the Scheduled Room information generated will have a PIN associated with it	Yes
moderatorPIN	String	Specifies the moderator PIN to grant access to the action requested	No

## Response parameter

Name	Type	Description
Ok	String	Specifies that the action was performed successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	Invalid Argument Fault or in case the conference ID doesn't exist
GeneralFault	An unspecified error occurred

## muteAudioServerAll

Mutes all participants in the specified conference, including the conference moderator and the person controlling the room. Unmuting the participants must be performed by the conference moderator. Participants are unable to unmute themselves.

While in this mode, new participants joining the conference are also muted.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
conferenceID	EntityID	If set to TRUE, the Scheduled Room information generated will have a PIN associated with it	Yes
muteState	Boolean	Specifies whether the state should be mute or unmute: Mute: '1'   True Unmute: '0'   False	Yes
moderatorPIN	String	Specifies the moderator PIN to grant access to the action requested	No

### Response parameter

Name	Type	Description
Ok	String	Indicates that the action was performed successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	Invalid Argument Fault or in case the conference ID doesn't exist
GeneralFault	An unspecified error occurred

## muteVideoClientAll

Puts all participants in the specified conference, including the conference moderator and the person controlling the room, into privacy mode. The participants are able to unmute their video by themselves from their client user interfaces. There is no 'unmuteVideoClientAll' equivalent given where users can unmute themselves locally.

While in this mode, new participants joining the conference are also muted when the room profile is set to 'video mute' or 'video and audio mute' modes.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
conferenceID	EntityID	If set to TRUE, the Scheduled Room information generated will have a PIN associated with it	Yes
moderatorPIN	String	Specifies the moderator PIN to grant access to the action requested	No

### Response parameter

Name	Type	Description
Ok	String	Indicates that the action was performed successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	Invalid Argument Fault or in case the conference ID doesn't exist
GeneralFault	An unspecified error occurred

## muteVideoServerAll

Puts all participants in the specified conference, including the conference moderator and the person controlling the room, into privacy mode. The participants are not able to unmute their video by themselves.

While in this mode, new participants joining the conference are also muted when the room profile is set to the 'video mute' or 'video and audio mute' modes.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
conferenceID	EntityID	If set to TRUE, the Scheduled Room information generated will have a PIN associated with it	Yes
muteState	Boolean	Specifies whether the state should be mute or unmute: Mute: '1'   True Unmute: '0'   False	Yes
moderatorPIN	String	Specifies the moderator PIN to grant access to the action requested	No

### Response parameter

Name	Type	Description
Ok	String	Indicates that the action was performed successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	Invalid Argument Fault or in case the conference ID doesn't exist
GeneralFault	An unspecified error occurred

## myAccount

Retrieves a Vidyoportal member entity.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A

### Response parameter

Name	Type	Description	Required
Entity	Entity	This object is returned as a result of search for member	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

# myEndPointStatus

Queries the status of a user identified in a valid HTTP authentication request.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	Yes

## Response parameter

Name	Type	Description	Required
MemberStatus	String	<p>Describes the member status based on the operation state of the endpoint in use by the member:</p> <ul style="list-style-type: none"><li>• Status is Offline and hence can't be reached for a conference.</li><li>• Status is Online and can be reached for a conference or a direct call.</li><li>• Status is Busy in conference and can't be reached for another conference or a direct call.</li><li>• Status is BusyInOwnRoom in conference in own personal room and can't can be reached for another conference.</li><li>• Status is Ringing endpoint associated with member start to ring on receive direct call or invite event from other part.</li><li>• Status is RingAccepted endpoint associated with member accept the call from other part.</li><li>• Status is RingRejected endpoint associated with member reject the call from other part.</li><li>• Status is RingNoAnswer endpoint associated with member is not answered in some period of time.</li><li>• Status is Alerting endpoint associated with member is alerting about income call.</li><li>• Status is AlertCancelled endpoint associated with member is stop to be alerting about income call.</li></ul>	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	If an unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## PortalPrefix

Returns the VidyPortal prefix as it is set up on the Super Admin page.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
(Always empty)		Use only the HTTP Authentication header	N/A

### Response parameter

Name	Type	Description
portalPrefix	Integer	Returns the VidyPortal prefix. Returns Null if no VidyPortal prefix is set up

## Fault

Name	Description
GeneralFault	An unspecified error occurred
NotLicensedFault	API is not licensed
PrefixNotConfiguredFault	Error returned when the portal prefix is not configured

# RaiseHand

Signals the VidyoPortal about a raise hand request made during Presenter mode (Lecture mode) from a participant.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

# RemoveFromMyContacts

Removes an entity (member, room, or legacy devices) from the member's favorites.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
entityID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes



## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## removeModeratorPIN

Removes a Moderator PIN for a room or a member's personal room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes
PIN	String	Specifies the Moderator PIN - used for creating and updating an existing PIN	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

## removeModeratorURL

Removes a specific moderator URL for the HTML Web-based control meeting for a given room by the room owner only.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
roomId	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

### Response parameter

Name	Type	Description
Ok	String	Indicates that the action was performed successfully

## Faults

Name	Description
GeneralFault	An unspecified error occurred
rooIDFault	The specified room ID is invalid

# RemovePresenter

Removes a given participantID (endpoint) as the presenter when a conference is in Presenter mode.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes
participantID	EntityID	Participant ID of the participant who had raised hand that the moderator wishes to dismiss	Yes
moderatorPIN	String	Moderator PIN	No

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

# removeRoomPIN

Removes a PIN for a room or VidyoPortal member's personal room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## RemoveRoomProfile

Removes a profile from a specified room ID.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	Unique room identifier	Yes

## Response parameter

Name	Type	Description	Required
OK	String	Indicates that the configuration has been setup successfully	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## search

Searches for VidyPortal members, rooms, or legacy devices that match the criteria specified in the filter.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
filter.<nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	Yes
start	Integer	This is the beginning index of the search result. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the start=30 value.	No
limit	Integer	This is the number of results that are being requested. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the limit=10 value.	No
sortBy	memberID name Display name extension	This is the field by which the requestor is asking the results to be sorted.  <b>Note</b> In the User API, entityID is used instead of memberID.  Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the sortBy=extension/name/displayName or memeberID value.	No

Name	Type	Description	Required
EntityType	Member Room Legacy	This is the field by which the requestor is asking the results to be sorted.  Member - in which case the private room is returned Room - in which case all the public rooms belong to owner of input roomID are returned Legacy - in which case filtered by legacy	Yes
dir	String ASC DESC	This is the field by which the requestor is asking the results to be sorted in a specific direction/order, ascending or descending.  Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the dir=ASC value.	No
query	String: Extension displayName Name	This is the search string that uses all the above filter criteria.  Example: If the requestor is looking for all members that start with the letters "pau," then query=pau would return the desired results.	No

## Response parameter

Name	Type	Description	Required
total	Integer	Total number of entities	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to renewed

### Note

The response might include the room PINs; however, those are masked from users other than the room owner or the tenant admin.

# searchByEntityID

Searches for all entities (mainly rooms) by member's EntityID.

Based on filter criteria, the SearchByEntityID method returns the public or private roomID list that belongs to the owner of input.

## Note

When making calls, all PINs are masked from users other than the room owner.

The search response can be filtered based on the Entity type of:

- Member - in which case the private room is returned
- Room - in which case all the public rooms belong to owner of input roomID are returned
- Legacy - in which case filtered by legacy

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
Entity	EntityID	This is an ID for addressing the member object in the VidyoPortal.	Yes
filter.<nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	Yes
start	Integer	This is the beginning index of the search result. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the start=30 value.	No
limit	Integer	This is the number of results that are being requested. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the limit=10 value.	No
sortBy	memberID name Display name extension	This is the field by which the requestor is asking the results to be sorted by.  <b>Note</b> In the User API, entityID is used instead of memberID.  Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the sortBy=extension/name/displayName or memeberID value.	No

Name	Type	Description	Required
dir	String ASC DESC	This is the field by which the requestor is asking the results to be sorted in a specific direction/order, ascending or descending. Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the dir=ASC value.	No
EntityType	Member Room Legacy	This is the field by which the requester is asking the results to be sorted. Member - in which case the private room is returned Room - in which case all the public rooms belong to owner of input roomID are returned Legacy - in which case filtered by legacy	YES
query	String: name Display name extension	This is the search string that uses all the above filter criteria. Example: If the requestor is looking for all members that start with the letters "pau," then query=pau would return the desired results.	No

## Response parameters

Name	Type	Description	Required
total	Integer	Total number of entities	Yes
Array of entities	Entity	Array of entities (o...n)	No

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

### Note

The response might include the room PINs; however, those are masked from users other than the room owner or the tenant admin.



# searchMembers

Optimizes searches for members, returning the users whose name and email matches the query string by default if neither "name" or "email" is specified in the queryField.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
query	string	Query string searched. Minimum of two characters.	Yes
queryField	string	Field to search on: "name" (default) or "email". If neither is specified, then the default would be both "name" and "email".	No
memberType	string	Member type to search: "member" (default) or "legacy" or "member legacy"	No
start	int	Starting row number to return (0-99, 0 is default)	No
limit	int	Number of rows to return (0-100, 10 is default)	No
sortBy	string	Field to sort against: "name" (default)	No
sortDir	sortDir	Ascending or descending sort: "ASC" (default) or "DESC"	No

## Response parameters

Name	Type	Description	Required
query	string	Query string searched	Yes
queryField	string	Field searched on	Yes
memberType	string	Member type searched	Yes
start	int	Starting row number	Yes
limit	int	Number of rows returned	Yes
sortBy	string	Field sorted on	Yes
sortDir	sortDir	Sort order returned	Yes
total	int	Total number of results possible	Yes
Member	Member	A list of Member objects containing:	No

Name	Type	Description	Required
		<ul style="list-style-type: none"> <li>entityID (EntityID)</li> <li>name (string)</li> <li>description (string)</li> <li>email (string)</li> <li>enabled (boolean)</li> <li>type (string)</li> <li>isInMyContacts (boolean)</li> <li>MemberStatus object</li> </ul>	

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## searchMyContacts

Returns a list of favorite VidyoPortal members, rooms, and legacy devices for a member of the VidyoPortal identified in a valid HTTP authentication request.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
filter.<nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	Yes
start	Integer	<p>This is the beginning index of the search result.</p> <p>Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the</p>	No

Name	Type	Description	Required
		start=30 value.	
limit	Integer	This is the number of results that are being requested. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the limit=10 value.	No
sortBy	String: memberID name Display name extension	This is the field by which the requestor is asking the results to be sorted by. <b>Note</b> In the User API, entityID is used instead of memberID.  Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the sortBy=extension/name/displayName or memeberID value.	No
dir	String ASC DESC	This is the field by which the requestor is asking the results to be sorted in a specific direction/order, ascending or descending. Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the dir=ASC value.	No
query	String: name Display name extension	This is the search string that uses all the above filter criteria. Example: If the requestor is looking for all members that start with the letters "pau," then query=pau would return the desired results.	No

## Response parameters

Name	Type	Description	Required
total	Integer	Total number of entities	Yes
Array of entities	Entity	Array of entities (o...n)	No

## Faults

Name	Description
NotLicensedFault	API is not licensed

Name	Description
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

#### Note

The response might include the room PINs; however, those are masked from users other than the room owner or the tenant admin.

## searchRooms

Optimizes searches for rooms, returning personal rooms whose display name matches the query string. Searching on personal room is applicable only when roomType is "personal".

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
query	string	Query string searched. Minimum of two characters.	Yes
queryField	string	Field to search on: "roomNameOrExtension" (default) or "ownerName" or "ownerEntityID"	No
roomType	string	Room type to search: "public" (default) or "personal" or "legacy" or combination thereof using pipe (" "), e.g., "(public legacy)"	No
start	int	Starting row number to return (0-99, 0 is default)	No
limit	int	Number of rows to return (0-100, 10 is default)	No
sortBy	string	Field to sort against: "roomName" (default) or "extension"	No
sortDir	sortDir	Ascending or descending sort: "ASC" (default) or "DESC"	No

## Response parameters

Name	Type	Description	Required
query	string	Query string searched	Yes
queryField	string	Field searched on	Yes
roomType	string	Room type searched	Yes
start	int	Starting row number to return (0-99, 0 is default)	Yes
limit	int	Number of rows to return (0-100, 10 is default)	Yes
sortBy	string	Field sorted on	Yes
sortDir	sortDir	Ascending or descending sort: "ASC" (default) or "DESC"	Yes
total	int	Total number of results possible	
Room	Room	A list of Room objects containing: <ul style="list-style-type: none"><li>• entityID (EntityID)</li><li>• name (string)</li><li>• displayName (string)</li><li>• extension (string)</li><li>• description (string)</li><li>• ownerEntityID (EntityID)</li><li>• ownerName (string)</li><li>• type (string)</li><li>• pinned (boolean)</li><li>• locked (boolean)</li><li>• enabled (boolean)</li><li>• isInMyContacts (boolean)</li></ul>	

## Faults

Name	Description
NotLicensedFault	API is not licensed

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## SetEndpointDetails

Enables endpoints to report their capabilities to the VidyoPortal during the authentication process. The endpoints must report their capabilities in order to be given permission for some of the system level features such as Presenter Mode. Vidyo endpoints gain new capabilities as features are added to newer versions.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
EID	String	Endpoint ID	Yes
EndpointFeature	EndpointFeature	List of features supported by the endpoint and indicates whether those are enabled or not	Optional
applicationName	String	Vidyo application name (for example, VidyoDesktop, VidyoMobile, etc.)	Optional
applicationVersion	String	Application version (for example, VidyoDesktop, VidyoMobile, etc.)	Optional
applicationOs	String	OS on which the Vidyo application is running (for example, Windows)	Optional
deviceModel	String	Device model on which the application is running (for example, iPhone 5S)	Optional

### Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
EndpointNotBoundFault	Endpoint Not Bound Fault
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

## SetMemberMode

Gets the available Location Tags based on different criteria.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
filter.<nnnn>		The filter type is used to trim down (filter) the search results. The value <nnnn> could be any of or all of the variables below.	Yes
start	Integer	This is the beginning index of the search result. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the start=30 value.	No
limit	Integer	This is the number of results that are being requested. Example: If the result has 50 elements, and the requestor only wants 10 element from the 30th position, then the requestor provides the limit=10 value.	No
sortBy	String member name extension	This is the field by which the requestor is asking the results to be sorted by. <b>Note</b> In the User API, entityID is used instead of memberID.  Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the sortBy=extension/name/displayName or memeberID value.	No
dir	String	This is the field by which the requestor is asking the results to be	No

Name	Type	Description	Required
	ASC DESC	sorted in a specific direction/order, ascending or descending. Example: If the result has to be sorted in an ascending order by the extension number of the Entity, then the requestor provides the dir=ASC value.	
query	String: name display Name extension	This is the search string that uses all the above filter criteria. Example: If the requestor is looking for all members that start with the letters "pau," then query=pau would return the desired results	No

## Response parameters

Name	Type	Description	Required
total	Integer	Total number of entities	Yes
locationTag	String	Location tag name	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong

## SetPresenter

Assigns a presenter to the conference during Presenter mode (a.k.a., Lecture mode).

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is	Yes



Name	Type	Description	Required
		being held	
participantID	EntityID	Participant ID of the participant who will be the presenter.	Yes
moderatorPIN	String	Moderator PIN	No

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

## SetRoomProfile

Sets a profile for a room.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
roomID	EntityID	Unique room identifier	Yes
roomProfileName	String	Specifies the auto mute configuration selection profiles. The new profiles are:	Yes

Name	Type	Description	Required
		<ul style="list-style-type: none"> <li>'VideoOnly' - will locally auto mute audio only</li> <li>'AudioOnly' - will locally auto mute video only</li> <li>'NoAudioAndVideo' - will auto mute both audio and video.</li> </ul>	

## Response parameter

Name	Type	Description	Required
OK	String	Indicates that the configuration has been setup successfully	Yes

## Faults

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
NotLicensedException	API is not licensed
GeneralFault	An unspecified error occurred

## setThumbnailPhoto

Allows users to upload their own thumbnail photo. The system supports .png, .jpg, and .jpeg file types. Error messages are returned if the user attempts to upload an unsupported file type, the file is larger than the file size limit set by the Super Admin, or the user is restricted from uploading thumbnail photos by the Super Admin. The thumbnail photo must be provided as a base64 encoded binary.

## Request parameter

Name	Type	Description	Required
thumbNailPhoto	Base64Binary	Base64 encoded .png, .jpg, or .jpeg image	Yes

## Response parameter

Name	Type	Description	Required
OK	String	Indicates that the photo has been uploaded successfully	Yes

## Faults

Name	Description
NotLicensedException	API is not licensed
NotAllowedThumbnailPhoto Fault	Image upload has been disabled by the Admin
FileTooLargeFault	The uploaded file is larger than the maximum configured by the Super
SeatLicenseExpiredFault	Seat license expired and needs to be renewed
InvalidArgumentFault	The provided argument was invalid. The file may be of an unsupported format or incorrectly encoded.
GeneralFault	An unspecified error occurred

## SilenceSpeaker

Silences the speaker of a specific participant.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	The EntityID of the conference.	Yes
moderatorPIN	String	The moderator PIN for the Room controller	No
participantID	Integer	The participant ID whose speaker to silence.	Yes
silenceState	SilenceState	The silence state as an integer value, 0 or 1.	Yes

## Response parameters

Name	Type	Description	Required
conferenceID	EntityID	The EntityID of the conference.	Yes
participantID	Integer	The participant ID whose speaker was updated.	No
silenceState	SilenceState	The silence state as an integer value, 0 or 1.	Yes
ModeratorPIN	String	The moderator PIN for the Room controller	No

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidConferenceFault	Invalid conference ID
InvalidParticipantFault	Participant ID is invalid

## SilenceSpeakerServerAll

Silences all participants' speakers.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	The EntityID of the conference.	Yes
participantID	int	The participant ID element in the request will be ignored.	No
silenceState	SilenceState	The silence state as integer value, 0 or 1.	Yes
moderatorPIN	String	The moderator PIN for the Room controller	No

## Response parameters

Name	Type	Description	Required
conferenceID	EntityID	The EntityID of the conference.	Yes
participantID	Integer	The participant ID element will be ignored for processing, but will be shown as entered in request.	No
silenceState	SilenceState	The silence state as integer value, 0 or 1.	Yes
moderatorPIN	String	The moderator PIN for the Room controller	No

## Fault Parameters

Name	Description
NotLicensedFault	API is not licensed
InvalidConferenceFault	Invalid conference ID

## startLectureMode

Starts Presenter mode (Lecture mode) on the Vidyoportal and on the endpoints. All endpoints will go into Presenter mode.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes
moderatorPIN	String	Moderator PIN	No

## Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

## startVideo

Starts the video for a given participant (endpoint) in a conference.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
participantID	EntityID	This is an ID for addressing a Member object in the VidyoPortal where the conference is started	Yes

### Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred

Name	Description
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## stopLectureMode

Stops Presenter mode (Lecture mode) on the Vidyoportal and on the endpoints. All endpoints will exit Presenter mode.

This method can use the following parameters.

### Request parameters

Name	Type	Description	Required
conferenceID	EntityID	Conference ID of the conference where the presentation is being held	Yes
moderatorPIN	String	Moderator PIN	No

### Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred
ControlMeetingFault	The user is not allowed to control the conference (only for User API)

## stopVideo

Stops the video for a given participant (endpoint) in a conference.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
participantID	EntityID	This is an ID for addressing a Member object in the VidyoPortal where the conference is started	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## unlockRoom

Unlocks a public or personal room.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
roomID	EntityID	This is an ID for addressing the room object in the VidyoPortal	Yes



## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## unmuteAudio

Unmutes the audio for a given participant (endpoint) in a conference.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
conferenceID	EntityID	This is an ID for addressing the room object in the VidyoPortal where the conference is started	Yes
participantID	EntityID	This is an ID for addressing a Member object in the VidyoPortal where the conference is started	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## UnraiseHand

Signals the VidyPortal about an unraise hand request made during Presenter mode (a.k.a., Lecture mode) from a participant who had previously raised their hand.

This method can use the following parameters.

### Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A

### Response parameter

Name	Type	Description
OK	String	Acknowledges that the request has been received successfully

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
GeneralFault	An unspecified error occurred

# updateLanguage

Updates a VidyoPortal member's language settings.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
language	String	Language supported by VidyoPortal	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

# updatePassword

Updates a VidyoPortal member's password.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
password	String	New password string	Yes

## Response parameter

Name	Type	Description	Required
OK	String	String representation of successful operation	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
GeneralFault	An unspecified error occurred
InvalidArgumentFault	The arguments that were passed into services were wrong
SeatLicenseExpiredFault	Seat license expired and needs to be renewed

## updatePublicRoomDescription

Enables end users to update the one room property that they are allowed to change.

This method can use the following parameters.

## Request parameters

Name	Type	Description	Required
roomID	EntityID	EntityID of the public room	Yes
description	string	Description of the public room	Yes

## Response parameter

Name	Type	Description	Required
OK	OK	If successful, returns OK	Yes

## Faults

Name	Description
NotLicensedFault	API is not licensed
InvalidArgumentFault	The arguments that were passed into services were wrong
RoomNotFoundFault	Room was not found
GeneralFault	Unspecified error occurred
PublicRoomDescUpdation Fault	Update failed

## WhatIsMyIPAddress

Requests the VidyPortal to send the endpoint's public IP address. This information is also reflected in the CDR table.

This method can use the following parameters.

## Request parameter

Name	Type	Description	Required
(Always Empty)		Use only the HTTP Authentication header	N/A

## Response parameter

Name	Type	Description
endpointExternalIPAddress	String	Returns the EP's external IP address or "Unknown" if the IP address is unknown

## Faults

Name	Description
GeneralFault	An unspecified error occurred
NotLicensedFault	API is not licensed