

4.19 Team Management Service

secured using the application_id of portal

Team Management Service

- Create a new team and its related database
- Get information about the team
- Update information about the team
- Delete the team
- Get the team list in which the current logged in user is a member of
- Get team account settings

Team Management Service

Please remember that creating/updating/deleting a team is possible only for the clients who has the permission to do it.

Create a new team and its related database

URL / Resource / JSON Structure

Resource: teams

URL: <https://api-stage.bimplus.net/v2/teams>

JSON Structure:

Name	Mandatory / Optional	Type	Description
slug	optional	string	The unique name which will be used in the url. If not set, server will generate it from the team's name.
name	mandatory	string	Name of the team
displayname	will be ignored	string	The name of the team which will be displayed in the client
owner	mandatory	string (guid)	The unique identifier of the user who will be the initial owner
totalStorage	mandatory	integer (MB)	The total storage allocated to the the team (the initial storage size as ordered in the shop) obsolete since 2016
storageStats	will be ignored	integer	The storage statistics of the team (usedSpace, numberOfProjects, numberOfMembers, totalSpace, totalNumberOfProjects, totalNumberOfMembers)
status	will be ignored	string	Active / Disabled
teamWorksConnection	optional	string	Base64 encoded database connection string for legacy applications
dataStorageStatus	optional	string	Online / Offline
public	optional	object (json)	Public read/write rights. Has two boolean properties : "read" and "write".
rights	optional	object (json)	Project rights. It's a json with only one boolean property "projectCreate", which defines whether a user can create a project for this team.
accountType	optional	string	Account type e.g. "Free", "Premium", ...
ismyteam	will be ignored	boolean	Is this team the user's team - true/false

HTTP Method

POST

Description

Create a new team and its related database. Please remember that this service can be used only by the shop/portal (secured using the application_id of portal)

Request

Headers
Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088 Content-Type: application/json

JSON

```
{
  "slug": "best-company",
  "name": "Best Company",
  "owner": "b8615afc-99cc-4bcd-b0ca-ff0593ce15c6",
  "totalStorage": 500000000,
  "teamWorksConnection":
  "RGF0YSBTb3VyY2U9YmltcGxlcY5tYW50cm8ubmV0O0luaXRpYWwgQ2F0YWxvZz1CaW1QbHVzLlRlbnFudC5BTUFaT05BLU1OVU8wMTcudGhlLWJl
  lc3Q7VXNlciBJRD10aGUtYmVzdDtQYXNzd29yZD00YmZhZWVlZTM5NDBmZjI0ZjhhNjg2MmIxMzk3NzUyYWU1MjlkZDIzO0NvbW5lY3QgVGltZW9
  ldD0xMA==",
  "dataStorageStatus": "Online",
  "haswriteaccess": false
}
```

Response

Status

Status: 201 Created

JSON

```
{
  "id": "db038754-2598-4616-9ea2-2c0947f2e93a",
  "slug": "best-company",
  "name": "Best Company",
  "displayname" : "Best Company"
  "owner": "b8615afc-99cc-4bcd-b0ca-ff0593ce15c6",
  "totalStorage": 500000000,
  "storageStats": {
    "usedSpace": 0,
    "numberOfProjects": 0,
    "numberOfMembers": 0,
    "totalSpace": 500000000,
    "totalNumberOfProjects": 0,
    "totalNumberOfMembers": 0
  },
  "status": "Active",
  "teamWorksConnection":
  "RGF0YSBTb3VyY2U9YmltcGxlcY5tYW50cm8ubmV0O0luaXRpYWwgQ2F0YWxvZz1CaW1QbHVzLlRlbnFudC5BTUFaT05BLU1OVU8wMTcudGhlLWJl
  lc3Q7VXNlciBJRD10aGUtYmVzdDtQYXNzd29yZD00YmZhZWVlZTM5NDBmZjI0ZjhhNjg2MmIxMzk3NzUyYWU1MjlkZDIzO0NvbW5lY3QgVGltZW9
  ldD0xMA==",
  "dataStorageStatus": "Online",
  "ismyteam": true,
  "public": {
    "read": false,
    "write": false
  },
  "rights": {
    "projectCreate": true
  }
}
```

Get information about the team

URL / Resource / JSON Structure

Resource: teams/<team_slug>

URL: https://api-stage.bimplus.net/v2/teams/<team_slug>

Example: <https://api-stage.bimplus.net/v2/teams/best-company>

HTTP Method

GET

Description

Get information about a specified team.

Request

Headers
Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088 Content-Type: application/json

Response

Status
Status: 200 OK

JSON
<pre>{ "id": "db038754-2598-4616-9ea2-2c0947f2e93a", "slug": "best-company", "name": "Best Company", "displayname": "Best Company (best-company)", "owner": "b8615afc-99cc-4bcd-b0ca-ff0593ce15c6", "totalStorage": 500000000, "storageStats": { "usedSpace": 0, "numberOfProjects": 0, "numberOfMembers": 0, "totalSpace": 500000000, "totalNumberOfProjects": 0, "totalNumberOfMembers": 0 }, "status": "Active", "teamWorksConnection": "RGF0YSBTb3VyY2U9YmltcGx1cy5tYW50cm8ubmV0O0luaXRpYWwgQ2F0YWxvZz1CaW1QbHVzLlRlbnFudC5BTUFaT05BLU1OVU8wMTcudGhlLWJlc3Q7VXNlciBJRD10aGUTYmVzdDtQYXNzd29yZD00YmZhZWVlZTM5NDBmZjI0ZjhhNjg2MmIxMzk3NzUyYWU1MjlkZDIzO0NvbW51Y3QgVGltZW9ldD0xMA==", "dataStorageStatus": "Online", "public": { "read": false, "write": false }, "rights": { "projectCreate": true } }</pre>

Update information about the team

URL / Resource / JSON Structure

Resource: teams/<team_slug>

URL: https://api-stage.bimplus.net/v2/teams/<team_slug>

Example: <https://api-stage.bimplus.net/v2/teams/best-company>

JSON Structure: See [Create team](#)

HTTP Method

PUT

Description

Update information about a specified team. Please remember that this service can be used only by the shop/portal (secured using the application_id of portal)

Request

Headers
Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088 Content-Type: application/json

JSON
<pre>{ "name": "Best Company", "totalStorage": 500000000, "status": "Active" }</pre>

Response

Status
Status: 200 OK

Delete the team

URL / Resource / JSON Structure

Resource: teams/<team_slug>

URL: https://api-stage.bimplus.net/v2/teams/<team_id>

Example: <https://api-stage.bimplus.net/v2/teams/08b8195a-a2ad-11e2-9993-002215ea7d6b>

HTTP Method

DELETE

Description

Delete a specified team. Please remember that this service can be used only by the Shop Portal or Connect Portal (secured using the special Shop or Connect Admin token)

Request

Headers
Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088 Content-Type: application/json

Response

Status
Status: 200 OK

Get the team list in which the current logged in user is a member of

URL / Resource / JSON Structure

Resource: teams

URL: <https://api-stage.bimplus.net/v2/teams>

HTTP Method

GET

Description

Get a team list in which the current logged in user is a member of

Request

Headers
Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088 Content-Type: application/json

Response

Status
Status: 200 OK

JSON

```
[
  {
    "id": "db038754-2598-4616-9ea2-2c0947f2e93a",
    "slug": "best-company",
    "name": "Best Company",
    "displayname": "Best Company (best-company)",
    "owner": "b8615afc-99cc-4bcd-b0ca-ff0593ce15c6",
    "status": "Active",
    "teamWorksConnection":
"RGF0YSBTb3VyY2U9YmltcGx1cy5tYW50cm8ubmV0O0luaXRpYWwgQ2F0YWxvZz1CaW1QbHVzLlRlbnFudC5BTUFaT05BLU1OVU8wMTcudGhlLWJlc3Q7VXNlciBJRD10aGUtYmVzdDtQYXNzd29yZD00YmZhZWVlZTM5NDBmZjI0ZjhhNjg2MmIxMzk3NzUyYWU1MjlkZDIzO0NvbW5lY3QgVGltZW9ldD0xMA==",
    "dataStorageStatus": "Online",
    "ismyteam": true,
    "rights": {
      "projectCreate": true
    }
  },
  {
    "id": "82884f54-96bf-4e9c-a2fb-44db8379378d",
    "slug": "nemetschek",
    "name": "Nemetschek",
    "displayname": "Nemetschek (nemetschek)",
    "owner": "132a78a5-b523-4bf2-8382-7098fac3f803",
    "status": "Active",
    "teamWorksConnection":
"RGF0YSBTb3VyY2U9YmltcGx1cy5tYW50cm8ubmV0OyBJbml0aWFsIENhdGFsb2c9QmltUGx1cy5UZW5hbnQuRGV2OyBVc2VyIElkPWRiYmltbWFWudHJvdGVzdDsgUGFzc3dvcmQ9MWprdGNudG9DcU9qeGtIMU9QOXg7IENvbW5lY3QgdGltZW9ldD0xMA==",
    "dataStorageStatus": "Online",
    "ismyteam": false,
    "rights": {
      "projectCreate": false
    }
  },
  {
    "id": "7eab1453-a4e7-4d05-983e-031544540e6f",
    "slug": "bimplus-demo",
    "name": "BimPlusDemo",
    "displayname": "BimPlusDemo (bimplus-demo)",
    "owner": "5592c628-588e-f5c0-b08b-088d43de9209",
    "status": "Active",
    "teamWorksConnection":
"RGF0YSBTb3VyY2U9YmltcGx1cy5tYW50cm8ubmV0O0luaXRpYWwgQ2F0YWxvZz1CaW1QbHVzLlRlbnFudC5iaWlwHVzLWRLbW87VXNlciBJRD1iaWlwHVzLWRLbW87UGFzc3dvcmQ9YWI3ZDRmNDc5ZGM4YjI1Yjg2MDc0Y2ZmZTNiNDByZmY2OWQwNzQ1Yjtdb25uZWNOIFRpbWVvdXQ9MTA=",
    "dataStorageStatus": "Online",
    "ismyteam": false,
    "rights": {
      "projectCreate": false
    }
  }
]
```

Get team account settings

URL / Resource / JSON Structure

Resource: teams/<team_id>/accountsettings

URL: https://api-stage.bimplus.net/v2/administration/teams/<team_id>/accountsettings

Example: <https://api-stage.bimplus.net/v2/administration/teams/f4b1178d-385f-449c-a2a7-6f58b264d90c/accountsettings>

HTTP Method

GET

Description

Get account settings of given team.

Predefined account settings are :

- MaxProjects - maximum number of projects in the team
- MaxTeamMembers - maximum number of team members
- CreateRevisions - are revisions activated in the projects of this team
- ClashDetection - is clash detection functionality allowed
- ...

It is also possible to filter the list of account settings, using query parameter "settingName", e.g. :

<https://api-stage.bimplus.net/v2/administration/teams/f4b1178d-385f-449c-a2a7-6f58b264d90c/accountsettings?settingName=ClashDetection&settingName=CreateRevisions>

Request

Headers

Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088
Content-Type: application/json

Response

Status

Status: 200 OK

JSON

```
[
  {
    "id": "826668e2-346b-4d5b-baf1-075e0b59dff5",
    "teamId": "31cb1181-2cbc-49dc-883a-0620e20140a4",
    "settingName": "ClashDetection",
    "value": "true",
    "expirationDate": "2016-11-04T00:00:00"
  },
  {
    "id": "78a9550e-54d6-4618-be00-203d8be68b05",
    "teamId": "31cb1181-2cbc-49dc-883a-0620e20140a4",
    "settingName": "MaxProjects",
    "value": "20",
    "expirationDate": null
  },
  {
    "id": "455b1bf9-fbdf-4a13-9fae-92ca659d06a0",
    "teamId": "31cb1181-2cbc-49dc-883a-0620e20140a4",
    "settingName": "MaxTeamMembers",
    "value": "10",
    "expirationDate": null
  },
  {
    "id": "42228dl3-a4e7-4586-99cc-ae3791580842",
    "teamId": "31cb1181-2cbc-49dc-883a-0620e20140a4",
    "settingName": "CreateRevisions",
    "value": "true",
    "expirationDate": null
  }
]
```