

4.31 Invitation Service

User Management Service

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User Management Service

This API handles invitation of new user to Bimplus.

There will be two modes of invitations:

1. To a team
2. To a team and one or multiple projects

Both will be handled with the same API.

Any team member can invite user to a team, but to invite to a project, he has to have project admin rights.

The invitation will not create new user in Bimplus. The user will be created only after he accepts the invitation.

[Create and Send invitation to new user](#)

URL / Resource / JSON Structure

Resource: <teamslug>/invitations

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

Example: <https://api-stage.bimplus.net/v2/bimplus/invitations>

JSON Structure:

Name	Mandatory / Optional	Type	Description
email	mandatory	string	Email of the new user
invitationText	optional	string	Message text for an invited user
projects	optional	object	List of objects which contains project id, role id, group id and role id of group where the new user is invited to. Property in the request is optional. If not present, it means that the invitation is just to the team.
status	optional	will be ignored	The status of the account (Active / Disabled)
sender	optional	string	The sender must have a valid Bimplus account and must be member of the team
team	optional	string	Team for which the invitation is valid
teamRole	optional	string	Team role is optional. If missing default is team member role
status	optional	string	Invitation status
validTo	optional	date	Date the invitation is valid to
created	optional	date	Creation date of the invitation
changed	optional	date	Recent modification date of the invitation
counter	optional	string	Home phone number of the user

JSON Structure of the projects object :

Name	Mandatory / Optional	Type	Description
projectId	mandatory	string (guid)	The id of the project where the new user is invited to.
roleId	mandatory	string (guid)	The role id for new user.
group	optional	Object	Object which contains pairs of group's id and group's role where the new user is invited to.

HTTP Method

POST

Description

Creates and sends a new invitation to the new user.

Request

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

JSON
<pre>{ "email": "newuser@allplan.com", "invitationText": "Some text", "projects": [{ "projectId": "e3921c6a-6329-441a-a715-e6c818e05043", "roleId": "2baca0e4-2eee-4f7c-bc56-22ed54a1859c", "group": { "id": "51edc181-b228-4f9e-aa3d-0a30f64695b4", "role": "da3c04d7-b593-4017-b6c3-4c9eed7699bb" } }] }</pre>

Response

Status
Status: 201 Created

JSON

```
{
  "id": "55896fad-187e-47da-bdb6-b441607e3de3",
  "email": "newuser@allplan.com",
  "sender": {
    "id": "b664c6d9-d8ab-4257-88b0-d38588d979dc",
    "email": "testadmin@allplan.com",
    "firstname": "Test",
    "lastname": "Admin"
  },
  "team": {
    "id": "d7a504fe-b2ef-4847-bf79-d3733d93e478",
    "slug": "testteam",
    "name": "Test Team"
  },
  "teamRole": "d9946cc8-8bd0-4eae-aeb1-d27b310741d7",
  "invitationText": "Some text",
  "created": "2016-12-01T07:51:20.843",
  "changed": "2016-12-01T07:51:20.843",
  "validTo": "2016-12-08T07:51:20.843",
  "projects": [{
    "projectId": "e3921c6a-6329-441a-a715-e6c818e05043",
    "roleId": "2baca0e4-2eee-4f7c-bc56-22ed54a1859c",
    "group": {
      "id": "51edc181-b228-4f9e-aa3d-0a30f64695b4",
      "role": "da3c04d7-b593-4017-b6c3-4c9eed7699bb"
    }
  }]
}
```

Get information about the invitation

URL / Resource / JSON Structure

Resource: <teamslug>/invitations/<invitation_id>

URL: https://api-stage.bimplus.net/v2/<teamslug>/invitations/<invitation_id>

Example: <https://api-stage.bimplus.net/v2/bimplus/invitations/55896fad-187e-47da-bdb6-b441607e3de3>

HTTP Method

GET

Description

Get information about a specified invitation.

Request

Headers

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

Response

Status

Status: 200 OK

JSON

```
{
  "id": "55896fad-187e-47da-bdb6-b441607e3de3",
  "email": "newuser@allplan.com",
  "sender": {
    "id": "b664c6d9-d8ab-4257-88b0-d38588d979dc",
    "email": "testadmin@allplan.com",
    "firstname": "Test",
    "lastname": "Admin"
  },
  "team": {
    "id": "d7a504fe-b2ef-4847-bf79-d3733d93e478",
    "slug": "testteam",
    "name": "Test Team"
  },
  "invitationText": "Some text",
  "created": "2016-12-01T07:51:20.843",
  "changed": "2016-12-01T07:51:20.843",
  "validTo": "2016-12-08T07:51:20.843",
  "projects": [{
    "projectId": "e3921c6a-6329-441a-a715-e6c818e05043",
    "roleId": "2baca0e4-2eee-4f7c-bc56-22ed54a1859c",
    "group": {
      "id": "51edc181-b228-4f9e-aa3d-0a30f64695b4",
      "role": "da3c04d7-b593-4017-b6c3-4c9eed7699bb"
    }
  }
]
```

Update and Resend invitation to the new user

URL / Resource / JSON Structure

Resource: <teamslug>/invitations/<invitation_id>

URL: https://api-stage.bimplus.net/v2/<teamslug>/invitations/<invitation_id>

Example: <https://api-stage.bimplus.net/v2/bimplus/invitations/55896fad-187e-47da-bdb6-b441607e3de3>

JSON Structure:

Name	Mandatory / Optional	Type	Description
email	mandatory	string	Email of the new user
invitationText	mandatory	string	Message text for an invited user
projects	optional	object	List of objects which contains of project id role id, group id, role id of group where the new user is invited to. Property in the request is optional. If not present, it means that the invitation is just to the team.
status	optional	will be ignored	The status of the account (Active / Disabled)
sender	optional	string	The sender must have a valid Bimplus account and must be member of the team
team	optional	string	Team for which the invitation is valid
teamRole	optional	string	Team role is optional. If missing default is team member role
status	optional	string	Invitation status
validTo	optional	date	Date the invitation is valid to
created	optional	date	Creation date of the invitation
changed	optional	date	Recent modification date of the invitation
counter	optional	string	Home phone number of the user

JSON Structure of the projects object :

Name	Mandatory / Optional	Type	Description
projectId	mandatory	string (guid)	The id of the project where the new user is invited to.

roleId	mandatory	string (guid)	The role id for new user.
group	optional	Object	Object which contains pairs of group's id and group's role where the new user is invited to.

HTTP Method

PUT

Description

Update invitation information to the new user. Only the Sender is able to Update and Resend the invitation to the new user. The invitation might change the invitation text and projects.

Request

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

JSON
<pre>{ "invitationText": "Some text", "projects": [{ "projectId": "e3921c6a-6329-441a-a715-e6c818e05043", "roleId": "2baca0e4-2eee-4f7c-bc56-22ed54a1859c", "group": { "id": "51edc181-b228-4f9e-aa3d-0a30f64695b4", "role": "da3c04d7-b593-4017-b6c3-4c9eed7699bb" } }] }</pre>

Response

Status
Status: 200 OK

JSON

```
{
  "id": "55896fad-187e-47da-bdb6-b441607e3de3",
  "email": "newuser@allplan.com",
  "sender": {
    "id": "b664c6d9-d8ab-4257-88b0-d38588d979dc",
    "email": "testadmin@allplan.com",
    "firstname": "Test",
    "lastname": "Admin"
  },
  "team": {
    "id": "d7a504fe-b2ef-4847-bf79-d3733d93e478",
    "slug": "testteam",
    "name": "Test Team"
  },
  "invitationText": "Some text",
  "created": "2016-12-01T07:51:20.843",
  "changed": "2016-12-01T07:51:20.843",
  "validTo": "2016-12-08T07:51:20.843",
  "projects": [{
    "projectId": "e3921c6a-6329-441a-a715-e6c818e05043",
    "roleId": "2baca0e4-2eee-4f7c-bc56-22ed54a1859c",
    "group": {
      "id": "51edc181-b228-4f9e-aa3d-0a30f64695b4",
      "role": "da3c04d7-b593-4017-b6c3-4c9eed7699bb"
    }
  }]
}
```

Cancel invitation

URL / Resource / JSON Structure

Resource: <teamslug>/invitations/<invitation_id>

URL: https://api-stage.bimplus.net/v2/users/<teamslug>/invitations/<invitation_id>

Example: <https://api-stage.bimplus.net/v2/bimplus/invitations/55896fad-187e-47da-bdb6-b441607e3de3>

HTTP Method

DELETE

Description

Delete a specified invitation for new user. Please remember that only the Sender is able to delete the invitation

Request

Headers

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

Response

Status

Status: 200 OK

Accept invitation

URL / Resource / JSON Structure

Resource: <teamslug>/invitations/<invitation_id>/accept

URL: https://api-stage.bimplus.net/v2/users/<teamslug>/invitations/<invitation_id>/accept

Example: <https://api-stage.bimplus.net/v2/bimplus/invitations/55896fad-187e-47da-bdb6-b441607e3de3/accept>

HTTP Method

PUT

Description

Since this api call will create new user in Bimplus, the request and response json shall be identical with “create user” api call.

Request

Headers

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

JSON

```
{  
  "email" : "newuser@allplan.com",  
  "password" : "test"  
}
```

Response

Status

Status: 201 Created

JSON

```
{
  "teams": [],
  "id": "b8615afc-99cc-4bcd-b0ca-ff0593ce15c6",
  "email": "newuser@allplan.com",
  "status": "Active",
  "firstname": "",
  "lastname": "",
  "company": "",
  "displayname": "",
  "info": "",
  "gender": "",
  "phoneWork": "",
  "phoneHome": "",
  "fax": "",
  "mobile": "",
  "birthDate": "",
  "address": {
    "street": "",
    "streetNr": "",
    "zip": "",
    "city": "",
    "country": ""
  },
  "preferredLanguage": ""
}
```

Get all pending invitations

URL / Resource / JSON Structure

Resource: <teamslug>/invitations

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

Example: <https://api-stage.bimplus.net/v2/bimplus/invitations>

HTTP Method

GET

Description

Get information about all pending invitations. Response returns list of all (pending) invitations.

Request

Headers

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

Response

Status

Status: 200 OK

JSON

```
[{
  "id": "55896fad-187e-47da-bdb6-b441607e3de3",
  "email": "newuser@allplan.com",
  "sender": {
    "id": "b664c6d9-d8ab-4257-88b0-d38588d979dc",
    "email": "testadmin@allplan.com",
    "firstname": "Test",
    "lastname": "Admin"
  },
  "team": {
    "id": "d7a504fe-b2ef-4847-bf79-d3733d93e478",
    "slug": "testteam",
    "name": "Test Team"
  },
  "invitationText": "Some text",
  "created": "2016-12-01T07:51:20.843",
  "changed": "2016-12-01T07:51:20.843",
  "validTo": "2016-12-08T07:51:20.843",
  "projects": [{
    "projectId": "e3921c6a-6329-441a-a715-e6c818e05043",
    "roleId": "2baca0e4-2eee-4f7c-bc56-22ed54a1859c",
    "group": {
      "id": "51edc181-b228-4f9e-aa3d-0a30f64695b4",
      "role": "da3c04d7-b593-4017-b6c3-4c9eed7699bb"
    }
  ]
}]
```