API Documentation

Get user roles and permission

Retrieves the roles and permissions for the authenticated user across all teams they belong to.

Endpoint

GET /api/multi-tenant/roles-permissions

Authentication

This endpoint requires authentication. The user's id is extracted from the authentication token.

Success Response: 200 OK

```
[
  {
    "team": "Business Team",
    "role": "Manager",
    "permissions": [
      {
        "permission_id": 1,
        "name": "READ_FEATURE_Initiate_Scan",
        "description": "Allows reading of Feature Initiate Scan"
      },
      {
        "permission_id": 2,
        "name": "WRITE_FEATURE_Initiate_Scan",
        "description": "Allows writing of Feature Initiate Scan"
      },
      {
        "permission_id": 3,
        "name": "EXECUTE_FEATURE_Initiate_Scan",
        "description": "Allows executing of Feature Initiate Scan"
      }
    ]
  }
]
```

Save

GET | http://127.0.0.1:3001/api/multi-tenant/roles-permissions | Send

Params | Authorization ● | Headers (9) | Body ● | Scripts | Tests | Settings | Cookies

Auth Type

Bearer Token

The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

ⓘ Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about variables. ✕

Token | eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.ey...

Body | Cookies | Headers (11) | Test Results   200 OK · 43 ms · 803 B · ⊕ | Save Response ○○○

Pretty | Raw | Preview | Visualize | JSON ⌄ | ⇥   □ ○

```
1    [
2        {
3            "team": "Business Team",
4            "role": "Manager",
5            "permissions": [
6                {
7                    "permission_id": 1,
8                    "name": "READ_FEATURE_Initiate_Scan",
9                    "description": "Allows reading of Feature Initiate Scan"
10               },
11               {
12                   "permission_id": 2,
13                   "name": "WRITE_FEATURE_Initiate_Scan",
14                   "description": "Allows writing of Feature Initiate Scan"
15               },
16               {
17                   "permission_id": 3,
18                   "name": "EXECUTE_FEATURE_Initiate_Scan",
19                   "description": "Allows executing of Feature Initiate Scan"
20               }
```

Error Response: 500 Internal Server Error

{

"error": "Something went wrong while fetching the user roles and permissions!"

}

Create Team

Endpoint

`POST` /api/multi-tenant/create-team

Authentication

This endpoint requires authentication. The user's role is used to determine which predefined roles are assigned to the new team.

Request Body

Field	Type	Required	Description
teamName	string	Yes	The name of the new team
teamDescription	string	Yes	Description of the team

Example Value

```
{

  "teamName": "Test Researcher Team",

  "teamDescription": "This is a test."

}
```

Responses

Success Response: 201 Created

```
{
  "message": "Team Test Researcher Team created successfully with predefined roles and permissions",
  "team": {
    "team_id": 3,
    "team_name": "Test Researcher Team",
    "team_description": "This is a test.",
    "updated_at": "2024-09-12T22:21:18.575Z",
    "created_at": "2024-09-12T22:21:18.575Z"
  }
}
```
Error Response: 500 Internal Server Error
```
{
  "error": "Something went wrong while creating the team. "
```

}

http://127.0.0.1:3001/api/multi-tenant/create-team

Save ⌄   Share

POST ⌄   http://127.0.0.1:3001/api/multi-tenant/create-team   Send ⌄

Params   Authorization ●   Headers (9)   Body ●   Scripts   Tests   Settings   Cookies

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   ○ GraphQL   JSON ⌄   Beautify

1 {
2   "teamName": "Test Researcher Team",
3   "teamDescription": "This is a test."
4 }

Body   Cookies   Headers (11)   Test Results   201 Created · 102 ms · 678 B · ⊕ | 📄 Save Response •••

Pretty   Raw   Preview   Visualize   JSON ⌄ ⇥   🗐 🔍

1 {
2   "message": "Team Test Researcher Team created successfully with predefined roles and permissions",
3   "team": {
4   "team_id": 3,
5   "team_name": "Test Researcher Team",
6   "team_description": "This is a test.",
7   "updated_at": "2024-09-12T22:21:18.575Z",
8   "created_at": "2024-09-12T22:21:18.575Z"
9   }
10 }

Edit Team

Endpoint

PUT /api/multi-tenant/edit-team/:id

Parameters

Name	Type	In	Description
id	string	path	Unique identifier of the team

Request Body

Field	Type	Required	Description
teamName	string	Yes	The new name of the team
teamDescription	string	Yes	The new description of the team

Example Value

{

```
  "teamName": "Test Researchers",

  "teamDescription": " This is a test to edit team details. "

}
```

Responses

Success Response: 200 Success

```
{
  "message": "Team Test Researchers updated successfully",
  "team": {
    "team_id": 1,
    "team_name": "Test Researchers",
    "team_description": "This is a test to edit team details.",
    "created_at": "2024-09-03T02:50:14.000Z",
    "updated_at": "2024-09-17T19:50:48.504Z"
  }
}
```

Create Team Role

Endpoint

POST /api/multi-tenant/ create-role

Authentication

This endpoint requires authentication. The user's role is used to determine which team-role is created.

Request Body

Field	Type	Required	Description
teamID	int	Yes	The team id of the user

Example Value

```
{

  "teamID": 2

}
```

Responses

Success Response: 201 Created

```
{
"success": true,
"data": [
{
"team_role_id": 44,
"team_role_name": "Admin",
"description": "Team role based on predefined role: Admin",
"team_id": 2,
"createdAt": "2024-09-19T16:21:56.646Z",
"updatedAt": "2024-09-19T16:21:56.646Z"
},
{
"team_role_id": 45,
"team_role_name": "Analyst",
"description": "Team role based on predefined role: Analyst",
"team_id": 2,
"createdAt": "2024-09-19T16:21:56.646Z",
"updatedAt": "2024-09-19T16:21:56.646Z"
},
{
"team_role_id": 46,
"team_role_name": "Cyber Security Manager",
"description": "Team role based on predefined role: Cyber Security Manager",
"team_id": 2,
"createdAt": "2024-09-19T16:21:56.646Z",
"updatedAt": "2024-09-19T16:21:56.646Z"
},
{
"team_role_id": 47,
"team_role_name": "Executive",
"description": "Team role based on predefined role: Executive",
"team_id": 2,
"createdAt": "2024-09-19T16:21:56.646Z",
"updatedAt": "2024-09-19T16:21:56.646Z"
},
{
"team_role_id": 48,
"team_role_name": "Intermediate Pentester (Level 2 Security Analyst)",
```

        "description": "Team role based on predefined role: Intermediate Pentester (Level 2
        Security Analyst)",
        "team_id": 2,
        "createdAt": "2024-09-19T16:21:56.646Z",
        "updatedAt": "2024-09-19T16:21:56.646Z"
    },
    {
        "team_role_id": 49,
        "team_role_name": "Junior Pentester (Level 1 Security Analyst)",
        "description": "Team role based on predefined role: Junior Pentester (Level 1 Security
        Analyst)",
        "team_id": 2,
        "createdAt": "2024-09-19T16:21:56.646Z",
        "updatedAt": "2024-09-19T16:21:56.646Z"
    },
    {
        "team_role_id": 50,
        "team_role_name": "Lead Pentester (Level 3 Security Analyst)",
        "description": "Team role based on predefined role: Lead Pentester (Level 3 Security
        Analyst)",
        "team_id": 2,
        "createdAt": "2024-09-19T16:21:56.646Z",
        "updatedAt": "2024-09-19T16:21:56.646Z"
    },
    {
        "team_role_id": 51,
        "team_role_name": "Manager",
        "description": "Team role based on predefined role: Manager",
        "team_id": 2,
        "createdAt": "2024-09-19T16:21:56.646Z",
        "updatedAt": "2024-09-19T16:21:56.646Z"
    },
    {
        "team_role_id": 52,
        "team_role_name": "Quality Assurance",
        "description": "Team role based on predefined role: Quality Assurance",
        "team_id": 2,
        "createdAt": "2024-09-19T16:21:56.646Z",
        "updatedAt": "2024-09-19T16:21:56.646Z"
    },
    {
        "team_role_id": 53,
        "team_role_name": "Super Admin",
        "description": "Team role based on predefined role: Super Admin",
        "team_id": 2,
        "createdAt": "2024-09-19T16:21:56.646Z",
        "updatedAt": "2024-09-19T16:21:56.646Z"
    }

```
]
}
```
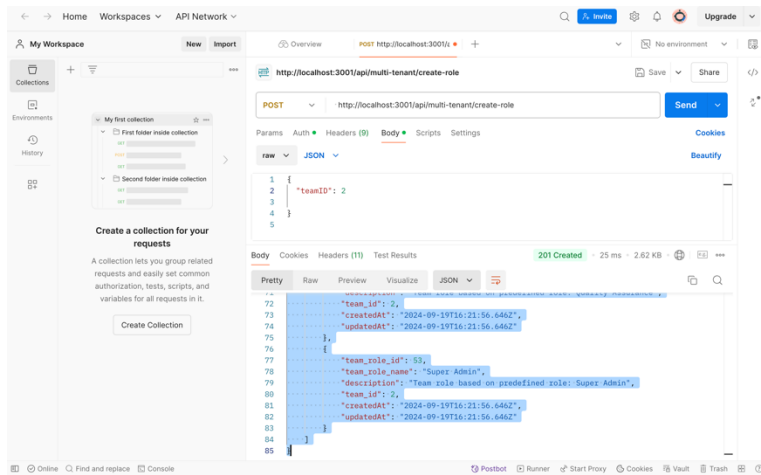

Error Response: 500 Internal Server Error
```
{
"success": false,
"message": "Error creating team roles."
}
```

Add permission

Endpoint
POST: /api/v2/permission/add
Request Format
```
{
        "name": "EDIT_REPORT",
        "description": "Allows the user to edit reports."
}
```
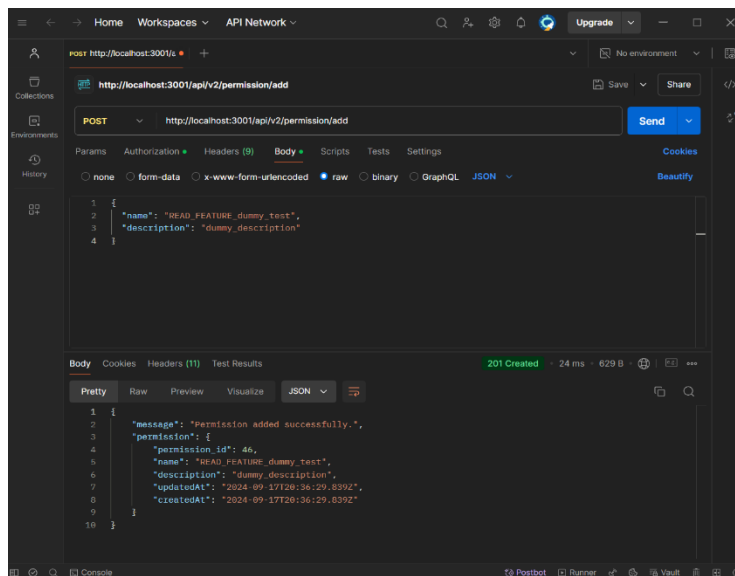
Responses
Success (201 Created):
```
[
  {
    "message": "Permission added successfully.",
    "permissions": [
```

```
    {
      "permission_id": 47,
      "name": "READ_FEATURE_Initiate_Scan",
      "description": "Allows reading of Feature Initiate Scan",
     "createdAt": "2024-09-13T12:00:00Z",
     "updatedAt": "2024-09-13T12:00:00Z"
    },
   ]                                                                                          }
]
```


Add permission testing

Delete permission

Endpoint
DELETE: /api/v2/permission/delete/:id

Request Format

- **Headers**:
  - o Authorization: Bearer <token>

- **Path Parameters**:
  - o id (number): The ID of the permission to delete.

Responses
Success (200 OK):

```
{
     "message": "Permission deleted successfully."
}
```
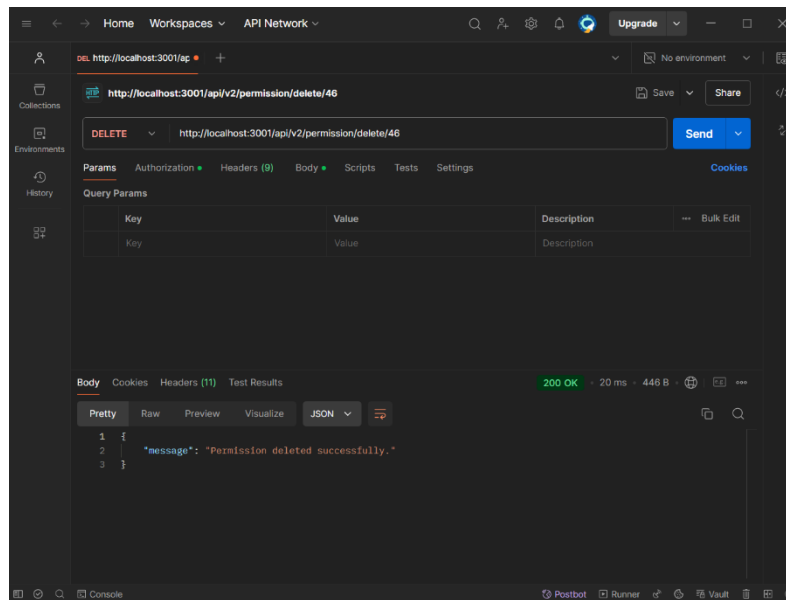
Delete permission testing

Assign permission to the role

Endpoint
POST: /api/v2/permission/assign

Request Format

```
{
        "team_role_id": 5,
        "permission_id": 47
}
```

Responses
Success (201 Created):

```
[
  {
    "message": "Permission assigned to team role successfully.",
    "assignment": [
      {
        "team_role_permission_id": 12,
        "team_role_id": 5,
```

```
    "permission_id": 47,
    "createdAt": "2024-09-13T12:10:00Z",
     "updatedAt": "2024-09-13T12:10:00Z"
  },
 ]
 }
]
```
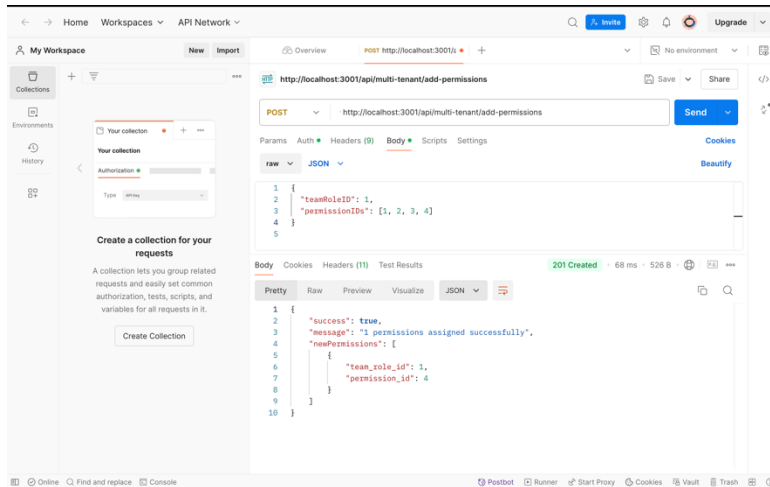

Remove permission from the role

Endpoint

DELETE /api/multi-tenant/remove-permissions

Authentication

This endpoint requires authentication. The user's role is used to determine what permissions could be removed.

Request Body

Field	Type	Required	Description
teamRoleID	int	Yes	The team role id of this user
permisssionIDs	int	Yes	The permissions to be removed

Example Value

```json
{
"teamRoleID": 1,
"permissionIDs": [1, 2, 3, 4]
}
```

Responses

Success Response: 200 OK

```json
{
"success": true,
"message": "4 permissions removed successfully"
}
```

Error Response: 500 Internal Server Error
```json
{
"success": false,
"message": "Internal server error"
}
```
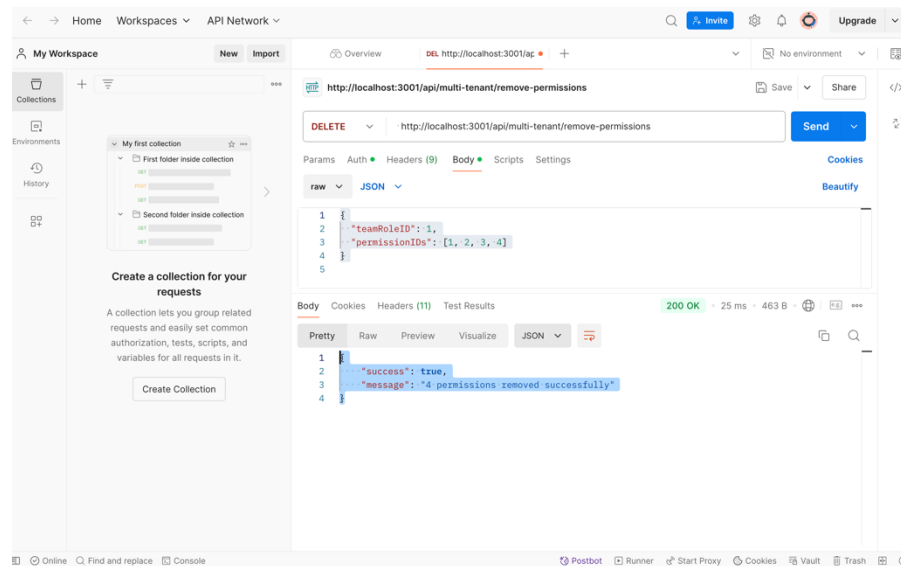
Invitation Email Services

Endpoint

Send Invitation:

POST /api/invitations/send
Authentication

This endpoint requires authentication. The user's role is used to determine which team role id could be used for invitation.

Request Body

Field	Type	Required	Description
email	string	Yes	The email address for the invited user
teamRoleID	int	Yes	The team role id of this user

Example Value

```
{
"email": "true-ly@hotmail.com",
"team_role_id": 82
}
```

Responses

Success Response: 200 OK

```
{
    "message": "Invitation sent successfully."
}
```

Error Response: 500 Internal Server Error
```
{
"message": "Internal server error"
}
```
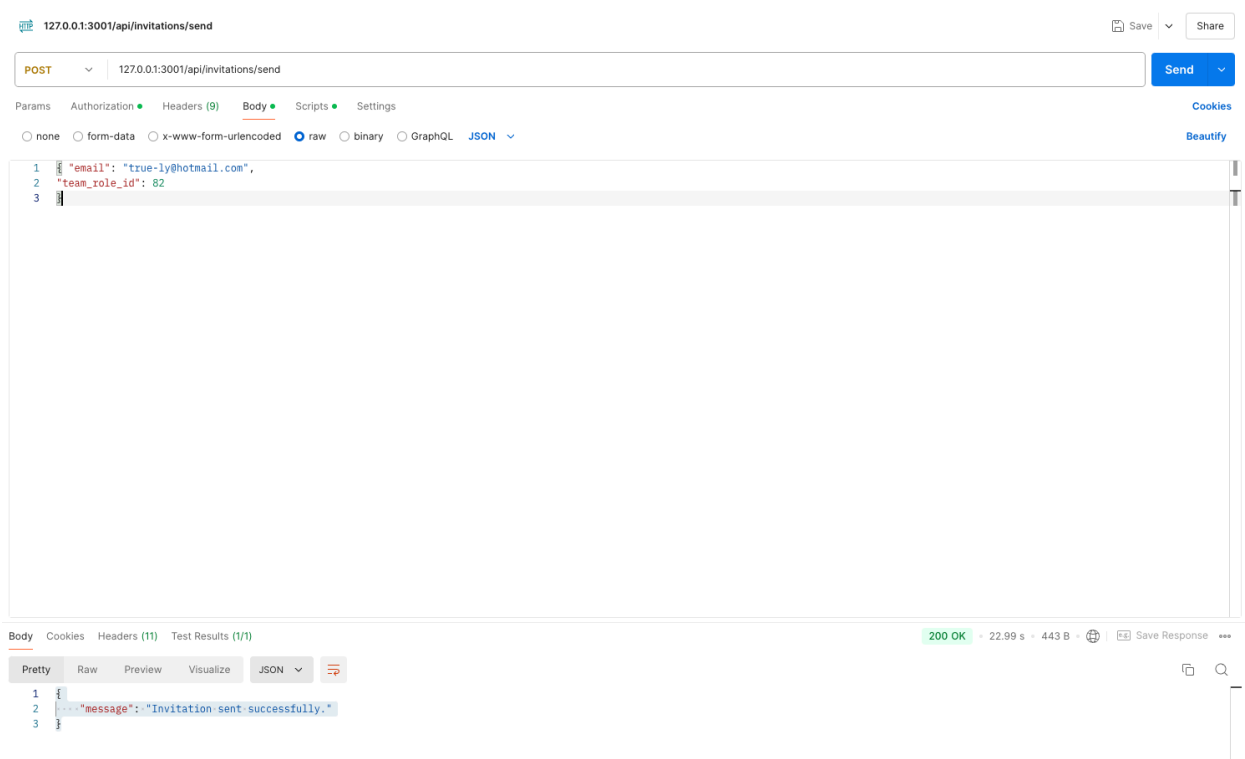
Endpoint

Accept Invitation:

POST /api/invitations/accept

Request Body

Field	Type	Required	Description
token	string	Yes	The token received in the invitation
username	string	Yes	Username input by user
password	string	Yes	Password input by user

Example Value

{
"token":
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyX2lkIjozLCJpYXQiOjE3MjczMzQ3OTYsImV4cCI6
MTcyNzM2MzU5Nn0.uTVtvs28IH51xmgvj5EjN3mcuLfa72zMJRCVsJNtTps",

```
    "username": "testuserforinvite",
    "password": "12345678aA."
}
```

Responses

Success Response: 200 OK

```
{
    "message": "Invitation accepted successfully."
}
```

Error Response: 500 Internal Server Error
```
{
"message": "Internal server error"
}
```

Resend Invitation:

POST /api/invitations/resend
Authentication

This endpoint requires authentication. The user's role is used to determine which team role id could be used for invitation.

Request Body

Field	Type	Required	Description
email	string	Yes	The email address to resend the invitation
teamRoleID	int	Yes	The team role id of this user

Example Value

```
{
"email": "true-ly@hotmail.com",
"team_role_id": 75
}
```

Responses

Success Response: 200 OK

```
{
    "message": "Invitation resent successfully."
}
```

Error Response: 404 Internal Server Error
```
{
"message": "No pending invitation found for the given email and role."
}
```

Error Response: 500 Internal Server Error

```json
{
"message": "Internal server error"
}
```