

Provisioning users to Minitab products through the API

Prerequisites: Your organization must authenticate users through Single Sign-On (SSO).

The following instructions explain how to create an enterprise application through the API (Application Programming Interface) using SCIM (System for Cross-domain Identity Management) protocol to automatically create, update, and remove users in Minitab products.

Create a token

Create a SCIM token to allow other systems to make requests. The token provides authentication and a link to the subscription, so you can add, update, and remove users through a single user management system or application. Only a License Administrator can create the token. The License Administrator who creates the token must remain on the subscription for the token to function.

Important The token expires after 180 days. When a token expires, you must sign into the Minitab License Portal and create a new one to continue to provision users. The token cannot be stored or saved. If the token is lost, deleted, or expired, you must create a new token.

All other requests to the API must provide this SCIM token for authentication and a link to the subscription.

URL

GET

<https://licensing.minitab.com/scim/token>

Body

N/A

Expected Return

200 OK

Encoded string representing the token

Create a user

Create a user when a Minitab License Portal account for the user does not exist. To create a new user, you must use a primary email address. The user's first name (`givenName`) and last name (`familyName`) are optional, but if you provide both, they are assigned to the user in the subscription.

Creating a new user adds a new User role account to the subscription and, if email notifications are enabled, sends an email to let the new user know that they can access the subscription.

URL

POST

<https://licensing.minitab.com/scim/users>

Body

```
urn:ietf:params:scim:schemas:core:2.0:User
{
  "Active": true,
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:User"
  ],
  "name": {
    "familyName": "User",
    "givenName": "Test"
  },
  "emails": [{
    "Primary": true,
    "type": "work",
    "value": "lptestu@minitab.com"
  }]
}
```

Expected Return

```
201 Created - urn:ietf:params:scim:schemas:core:2.0:User
{
  "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User": {},
  "active": true,
  "emails": [{
    "type": "work",
    "primary": true,
    "value": "test@minitab.com"
  }],
  "meta": {
    "resourceType": "User"
  },
  "name": {
    "familyName": "User",
    "givenName": "Test"
  },
  "userName": "test@minitab.com",
  "externalId": "identifier",
  "id": "identifier",
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:User",
    "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User"
  ]
}
```

Get existing users

You can use an identifier or an email address to find individual users in the subscription.

Note The List operation for the /Users endpoint is not currently supported.

Find a user by identifier

URL

GET

[https://licensing.minitab.com/scim/users/\[identifier\]](https://licensing.minitab.com/scim/users/[identifier])

Body

N/A

Expected Return

200 OK - urn:ietf:params:scim:api:messages:2.0:ListResponse

```
{
  "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User": {},
  "active": true,
  "emails": [{
    "type": "work",
    "primary": true,
    "value": "test@minitab.com"
  }],
  "meta": {
    "resourceType": "User"
  },
  "name": {
    "familyName": "User",
    "givenName": "Test"
  },
  "userName": "test@minitab.com",
  "externalId": "identifier",
  "id": "identifier",
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:User",
    "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User"
  ]
}
```

Find a user by email address

URL

GET

[https://licensing.minitab.com/scim/users?filter=userName+eq+\"test@minitab.com\"](https://licensing.minitab.com/scim/users?filter=userName+eq+\)
Body

N/A

Expected Return

200 OK - urn:ietf:params:scim:api:messages:2.0:ListResponse

```
{
  "schemas": [
    "urn:ietf:params:scim:api:messages:2.0:ListResponse"
  ],
  "totalResults": 1,
  "itemsPerPage": 1,
  "startIndex": 1,
  "Resources": [{
    "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User": {},
    "active": false,
    "emails": [{
      "type": "work",
      "primary": true,
      "value": "test@minitab.com"
    }],
    "meta": {
      "resourceType": "User"
    },
    "name": {},
    "userName": "test@minitab.com",
    "externalId": "identifier",
    "id": "identifier",
    "schemas": [
      "urn:ietf:params:scim:schemas:core:2.0:User",
      "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User"
    ]
  }]
```

```

    ]
  }]
}

```

Update existing users

Use the following requests to update status, first name, and last name of existing users in the subscription.

PATCH

Updates individual fields.

PUT

Accepts a full user JSON object.

Update a field

URL

PATCH

[https://licensing.minitab.com/scim/users/\[identifier\]](https://licensing.minitab.com/scim/users/[identifier])

Body

urn:ietf:params:scim:api:messages:2.0:PatchOp

```

{
  "schemas": ["urn:ietf:params:scim:api:messages:2.0:PatchOp"],
  "Operations": [{
    "op": "replace",
    "path": "name.givenName",
    "value": "First"
  },
  {
    "op": "replace",
    "path": "name.familyName",
    "value": "Last"
  }
]
}

```

Expected Return

200 OK - urn:ietf:params:scim:schemas:core:2.0:User

```

{
  "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User": {},
  "active": true,
  "emails": [{
    "type": "work",
    "primary": true,
    "value": "test@minitab.com"
  }],
  "meta": {
    "resourceType": "User"
  },
  "name": {
    "familyName": "Last",
    "givenName": "First"
  },
  "userName": "test@minitab.com",
  "externalId": "identifier",
  "id": "identifier",
  "schemas": [

```

```

    "urn:ietf:params:scim:schemas:core:2.0:User",
    "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User"
  ]
}

```

Update a user

URL

PUT

[https://licensing.minitab.com/scim/users/\[identifier\]](https://licensing.minitab.com/scim/users/[identifier])

Body

```

params:scim:schemas:extension:enterprise:2.0:User
{
  "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User": {},
  "active": true,
  "emails": [{
    "type": "work",
    "primary": true,
    "value": "test@minitab.com"
  }],
  "meta": {
    "resourceType": "User"
  },
  "name": {
    "familyName": "NewLast",
    "givenName": "NewFirst"
  },
  "userName": "test@minitab.com",
  "externalId": "identifier",
  "id": "identifier",
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:User",
    "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User"
  ]
}

```

Expected Return

```

200 OK - urn:ietf:params:scim:schemas:core:2.0:User
{
  "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User": {},
  "active": true,
  "emails": [{
    "type": "work",
    "primary": true,
    "value": "test@test.com"
  }],
  "meta": {
    "resourceType": "User"
  },
  "name": {
    "familyName": "NewLast",
    "givenName": "NewFirst"
  },
  "userName": "test@minitab.com",
  "externalId": "identifier",
  "id": "identifier",
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:User",
    "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User"
  ]
}

```

Remove a user

You can remove a user from the subscription; however, the SCIM API does not delete the user account from the Minitab License Portal due to the Minitab data retention policy. For more information, go to [Privacy Policy](#).

Use one of the following requests to remove a user.

Delete request

The most common way to remove an existing user is to make a DELETE request with the user's identifier.

URL

DELETE

[https://licensing.minitab.com/scim/users/\[identifier\]](https://licensing.minitab.com/scim/users/[identifier])

Body

N/A

Expected Return

204 No Content

Patch request

To remove (or add) a user, make a PATCH request, which updates the status of the Active property.

URL

PATCH

[https://licensing.minitab.com/scim/users/\[identifier\]](https://licensing.minitab.com/scim/users/[identifier])

Body

```
urn:ietf:params:scim:api:messages:2.0:PatchOp
{
  "schemas": ["urn:ietf:params:scim:api:messages:2.0:PatchOp"],
  "Operations": [{
    "op": "replace",
    "path": "active",
    "value": "false"
  }]
}
```

Expected Return

200 OK - urn:ietf:params:scim:schemas:core:2.0:User

```
{
  "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User": {},
  "active": true,
  "emails": [{
    "type": "work",
    "primary": true,
    "value": "test@minitab.com"
  }],
  "meta": {
    "resourceType": "User"
  },
  "name": {
    "familyName": "Last",
    "givenName": "First"
  }
}
```

```
},  
  "userName": "test@minitab.com",  
  "externalId": "identifier",  
  "id": "identifier",  
  "schemas": [  
    "urn:ietf:params:scim:schemas:core:2.0:User",  
    "urn:ietf:params:scim:schemas:extension:enterprise:2.0:User"  
  ]  
}
```