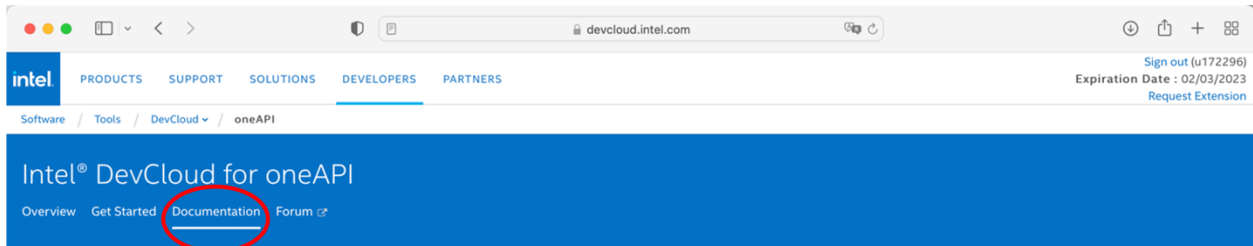


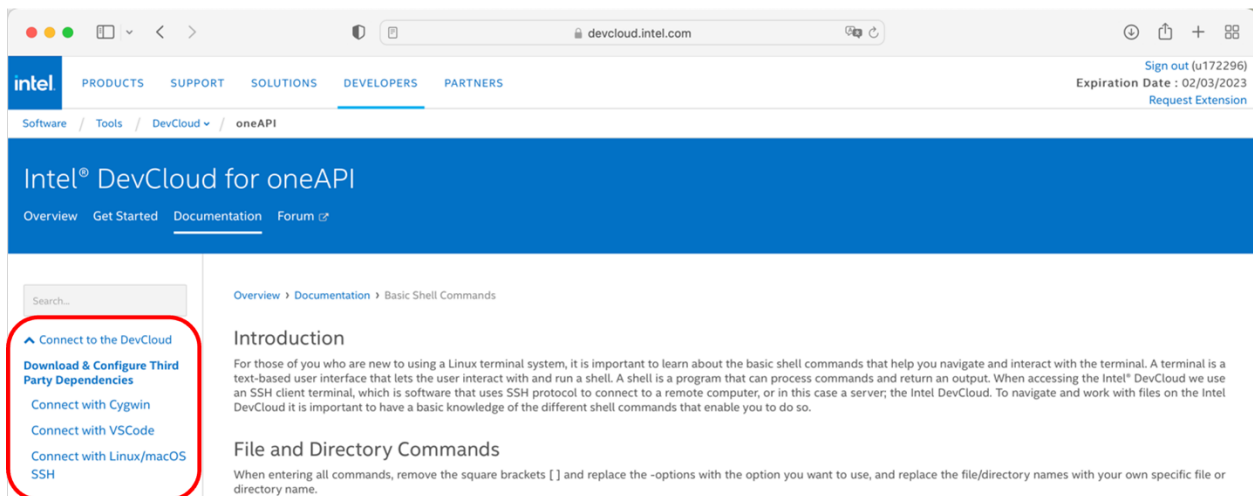
# Configure Secure Access to Intel DevCloud

1. After signing up, sign in at the Intel OneAPI page with your user ID and password:  
<https://devcloud.intel.com/oneapi/>

2. Go to the documentation page.



3. Open “Connect to the DevCloud” at the left menu, then choose your computing platform.



4. For example, the following is for MacOS: Follow the instructions there to set up a secure connection:

Search...

▲ Connect to the DevCloud

Download & Configure Third Party Dependencies

Connect with Cygwin

Connect with VSCode

Connect with Linux/macOS SSH

▼ How to use the DevCloud

Overview > Documentation > Connect with Linux/macOS SSH Client

If you are running **Linux** or a **macOS** operating system you can access the cluster using the native Secure Shell (SSH) client, you will need to set up SSH tunneling as described below.

#### Option 1: Automated Configuration ▲

The easiest method to set up SSH connection to is by downloading and running an automated installer. The installer will add SSH configuration entries to `~/.ssh/config` and create a private SSH key file inside `~/.ssh`. This method works best if you have only one account.

1. Download and save the automatic installer script customized for your account:
2. Execute this script in a terminal (you may need to adjust the command according to your download location and the downloaded file name):

```
[myname@hyhonecomputer] $ | bash ~/Downloads/setup-devcloud-access-<user>.txt
```

⋮ Bash Copy

3. Clean up for security:

```
[myname@hyhonecomputer] $ | rm ~/Downloads/setup-devcloud-access-<user>.txt
```

⋮ Bash Copy

#### Connect

After the preparation steps above, you should be able to log in to your login node in the Intel® DevCloud without a password.

```
ssh devcloud
```

⋮ Markup Copy

Upon the first login, you will be asked to add the hostdevcloud to the list of known hosts. Answer "yes":

The authenticity of host 'devcloud' (no hostip for proxy command) can't be established.

```
ECDSA key fingerprint is SHA256:...\nAre you sure you want to continue connecting (yes/no)? yes\nWarning: Permanently added 'devcloud' (ECDSA) to the list of known hosts.\n# We are in!\nlogout\nConnection to login-2 closed.
```

⋮ Markup Copy

Next time you log in, you will only need to type `ssh devcloud` to log in:

```
ssh devcloud\nLast login: Tue Jan 3 11:54:11 2017 from 10.5.0.7
```

⋮ Markup Copy