

## Connecting to nrs-projects and sqlplus

`nrs-projects.humboldt.edu` was rebuilt during Winter Break (December 2023 - January 2024). The following should be what you need to know to connect to and use the current version of `nrs-projects` and the current version of Oracle `sqlplus` for Spring 2024.

### IMPORTANT PART #1 - new hostname for nrs-projects

- The *web* name of `nrs-projects` is still `nrs-projects.humboldt.edu`
- However, when you are using `ssh` or `sftp` to connect to `nrs-projects`, its name is now:

`nrs-projects-ssh.humboldt.edu`

- For example, for someone with Humboldt username *ab123*:

```
ssh ab123@nrs-projects-ssh.humboldt.edu
```

```
sftp ab123@nrs-projects-ssh.humboldt.edu
```

- If you are using a graphical user interface (GUI) client for `ssh` or `sftp`, make sure the hostname is `nrs-projects-ssh.humboldt.edu`

### IMPORTANT PART #2 - new sqlplus command

- Once you have used `ssh` to connect to `nrs-projects-ssh.humboldt.edu`, the `sqlplus` command for interacting with the Oracle student database should be typed as follows:

```
sqlplus /
```

- (that is, type `sqlplus`, then a blank, then a forward slash, and then type return)
- This now uses external authentication instead of having you give your campus username and password when using `sqlplus`.

### IMPORTANT PART #3 - GlobalProtect VPN required off-campus

- If you are working somewhere **NOT** on the campus network, you **must** on on Humboldt's GlobalProtect VPN (Virtual Private Network) to be able to `ssh` or `sftp` to `nrs-projects`.
- As a Humboldt student, faculty, or staff, you should be able to follow appropriate links from the following sites to be able to set this up from a computer you are using off-campus:
  - <https://its.humboldt.edu/internet-wifi/vpn-instructions>

The following link from the above page may be particularly useful:

- for a personally-owned Mac or Windows computer:

<https://its.humboldt.edu/globalprotect-vpn-macs-personally-owned-computers>

- If you have a Linux computer, these links are supposed to help with that:

To download the Linux Debian installer (scroll down to GlobalProtect - Linux):

<https://hsu-forms.humboldt.edu/software/>

Installation instructions:

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<https://docs.paloaltonetworks.com/globalprotect/5-1/globalprotect-app-user-guide/globalprotect-app-for-linux/download-and-install-the-globalprotect-app-for-linux>