

Public

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Adding SSH Access on a Standard ITS Linux VM

Purpose

The below are directions for how to allow someone new to access an existing, standard, ITS-provisioned Linux server. All directions assume the person who is performing the operations has full sudo on the server.

Create User Account

```
# Replace xxxx with the person's URI username, in all lowercase, e.g. jsmith
sudo useradd xxxx
```

Install User's Public Key

```
# Replace xxxx with above username

# Create .ssh directory and set permissions
sudo mkdir -p /home/xxxx/.ssh
sudo chmod 700 /home/xxxx/.ssh

# Add the public key directly to authorized_keys
echo "<public ssh key goes here>" | sudo tee -a /home/xxxx/.ssh/authorized_keys

# Set proper ownership and permissions
sudo chown xxxx:xxxx /home/xxxx/.ssh/authorized_keys
sudo chmod 600 /home/xxxx/.ssh/authorized_keys
```

How To SSH to an ITS Server

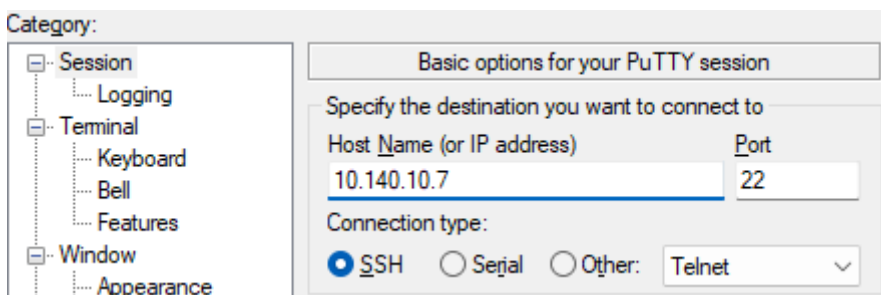
Off-Campus Access Pre-Requisite

Most ITS servers require VPN if you are connecting from off-campus:

<https://notes.its.uri.edu/books/public/page/get-vpn>

Using PuTTY (Windows)

Set your connection options:



Then give it the path to your private key (connection --> ssh --> auth --> credentials):

