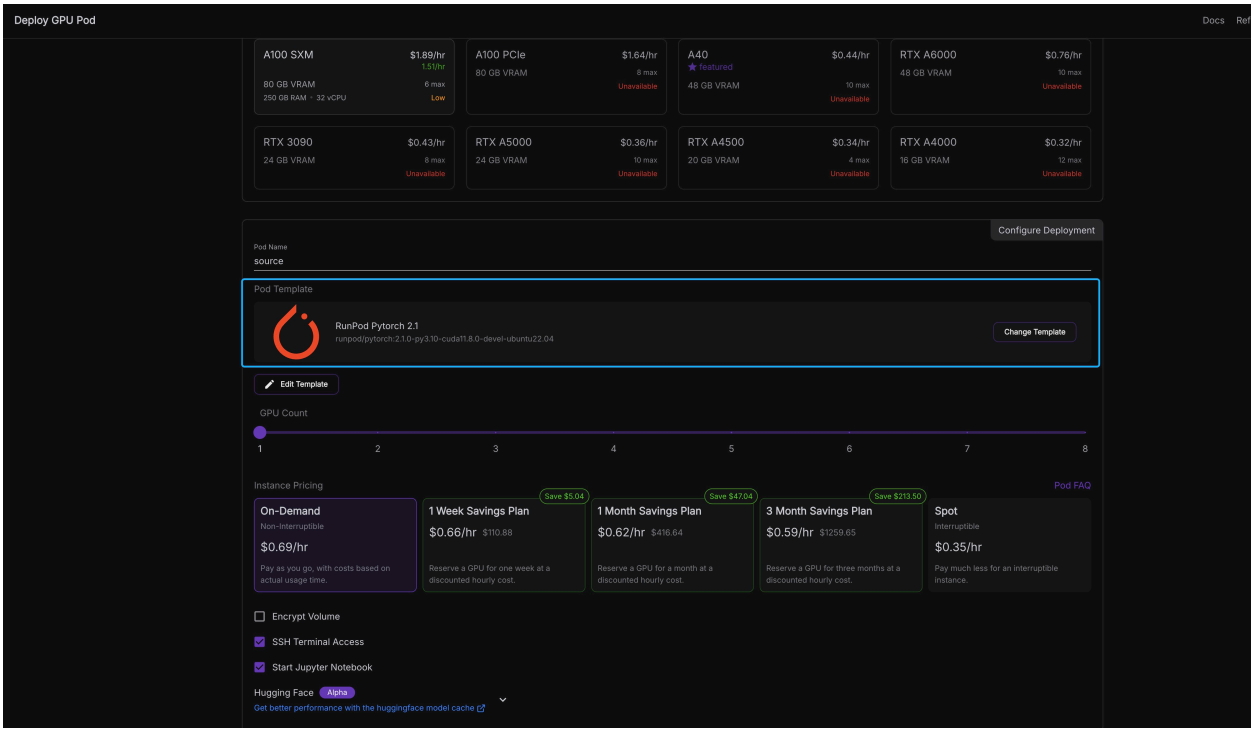
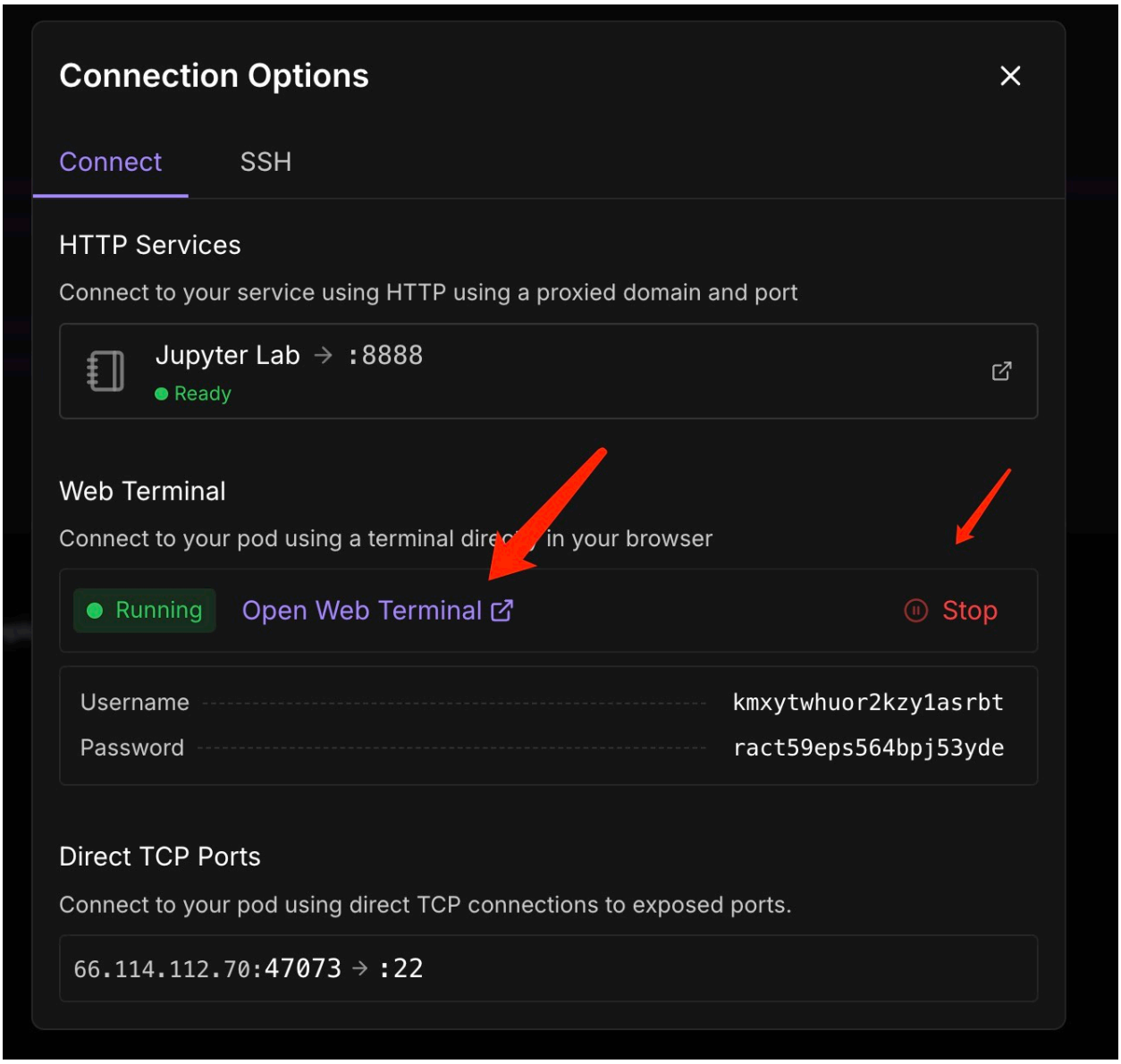
Moving Data Between Data Centers

1. Create a new network volume in the target data center.
2. Deploy two pods using the default RunPod PyTorch template, mounting the source and target network volumes separately.



3. Start the web terminal in both pods to begin the data transfer.



4. Install all packages in both source and destination servers

```
apt update && apt install -y vim && apt install -y rsync
```

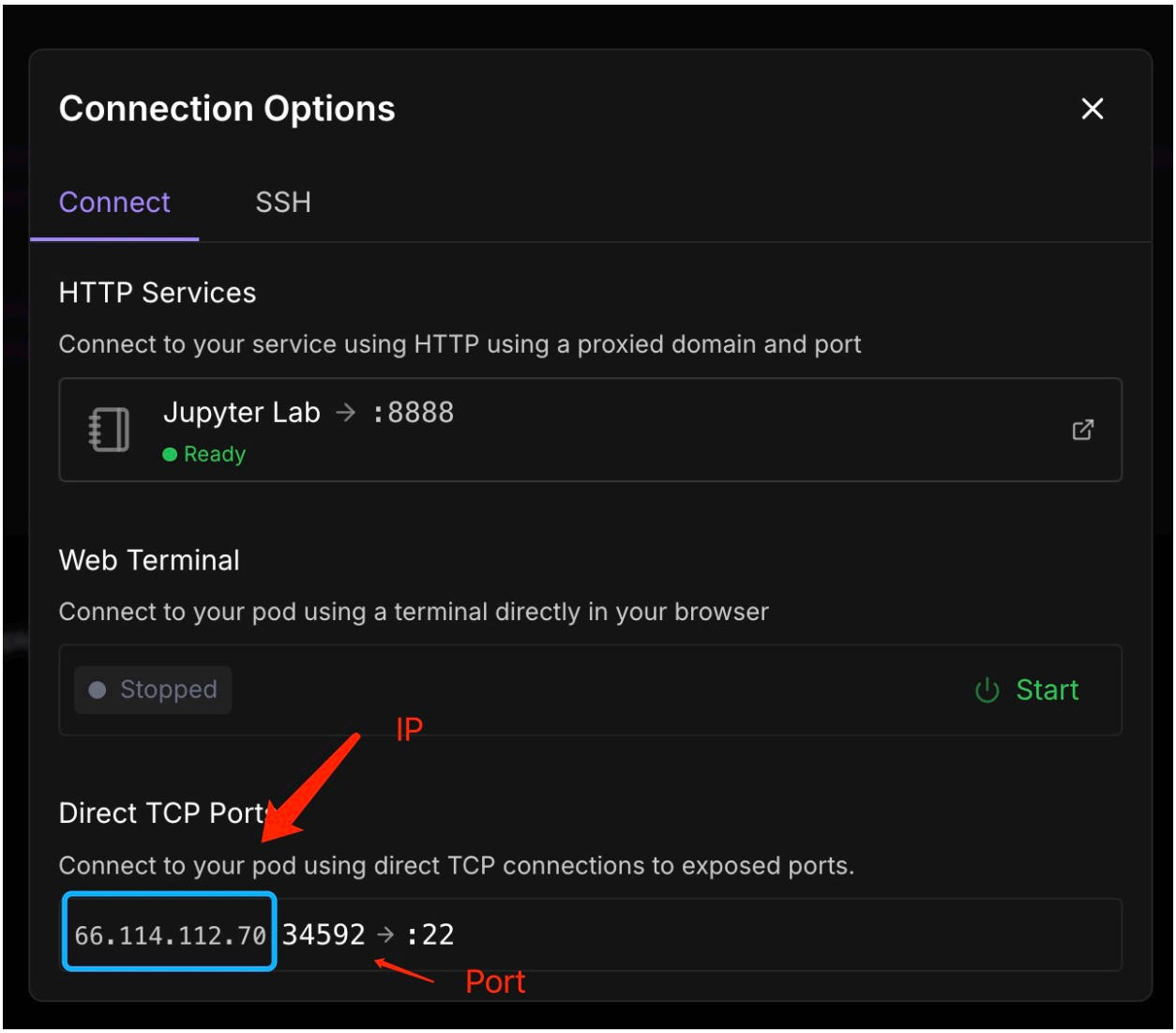
5. Generate a pair of ssh key on **source** machine

```
ssh-keygen -t rsa -b 4096 -C "my-email@company.com"
cat ~/.ssh/id_rsa.pub
# Copy the public key
```

6. Copy the above public key and add to the destination machine `authorized_keys`

```
vi ~/.ssh/authorized_keys
# Insert the public key
```

7. Take the destination Pod IP and Port number, Run the rsync command on source machine




```
# sync files between source /workspace to destination /workspace
# using destination machine's IP address and port number in below command
```

```
rsync -avz -e "ssh -p destination_port_number" /workspace/ root@destination_i
# Example:
rsync -avz -e "ssh -p 34592" /workspace/ root@66.114.112.70:/workspace
```