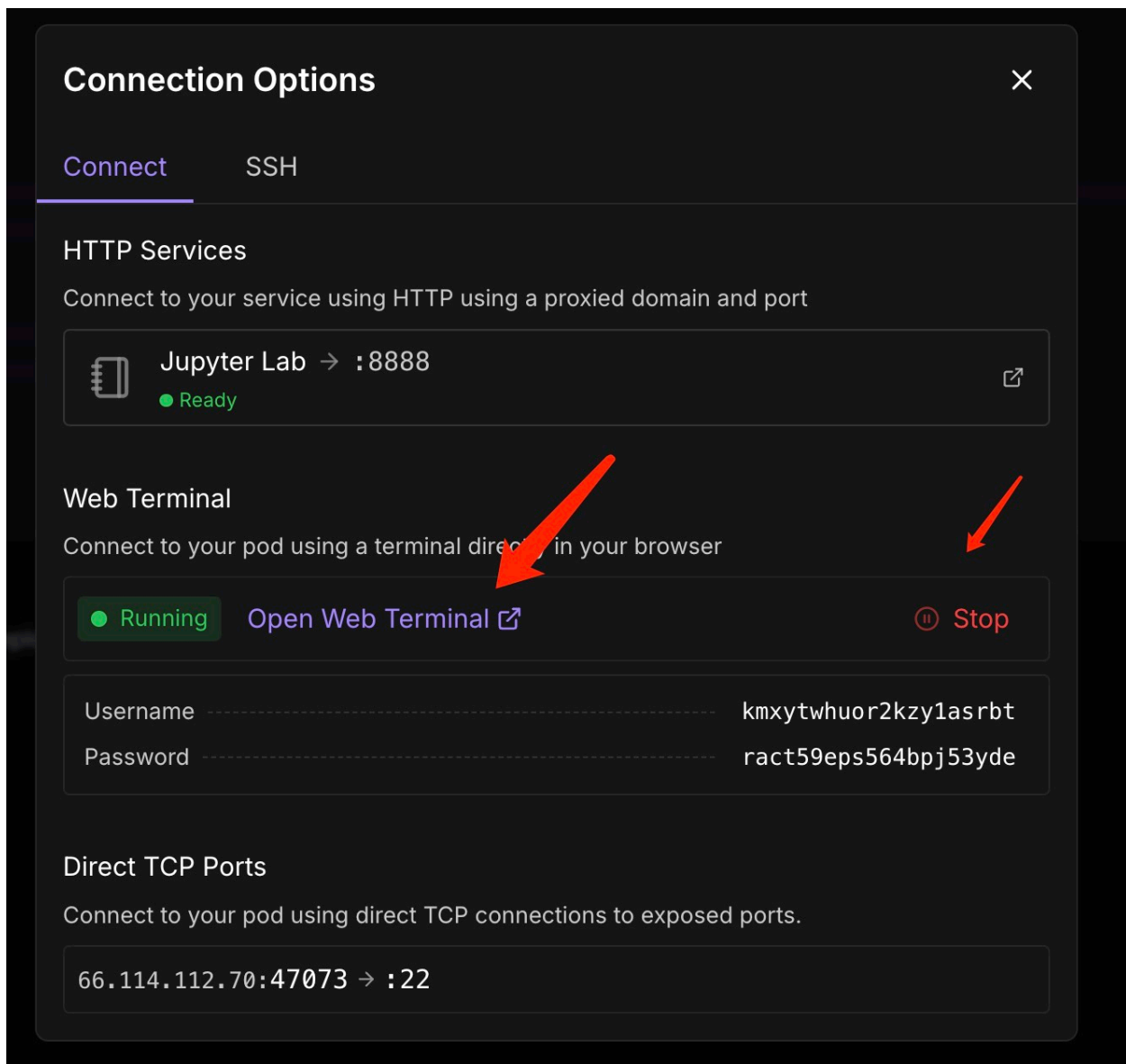


# Moving Data Between Data Centers

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.

The screenshot displays the RunPod 'Deploy GPU Pod' interface. At the top, there's a grid of GPU options with their respective prices and availability. Below this, the 'Configure Deployment' section allows users to set the 'Pod Name' (currently 'source') and select a 'Pod Template' (currently 'RunPod Pytorch 2.1'). A 'GPU Count' slider is set to 1. The 'Instance Pricing' section offers various pricing plans: On-Demand (\$0.69/hr), 1 Week Savings Plan (\$0.66/hr), 1 Month Savings Plan (\$0.62/hr), 3 Month Savings Plan (\$0.59/hr), and Spot (\$0.35/hr). At the bottom, there are checkboxes for 'Encrypt Volume', 'SSH Terminal Access', and 'Start Jupyter Notebook', and a 'Hugging Face' section with an 'Alpha' badge.

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

**Connection Options**

**Connect** SSH

**HTTP Services**  
Connect to your service using HTTP using a proxied domain and port

Jupyter Lab → :8888  
● Ready

**Web Terminal**  
Connect to your pod using a terminal directly in your browser

● Stopped Start

**Direct TCP Port**  
Connect to your pod using direct TCP connections to exposed ports.

66.114.112.70 34592 → :22

IP

Port

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