



TECHNOLOGY SUPPORT IN SUPERAIR

SEASON#5



TECHNOLOGY SUPPORT IN SUPERA I ENGINEER SS#5



HPC

- SIAM.AI



Super Computer

- LANTA



HUAWEI CLOUD

Cloud

- Huawei

SIAM.AI COMPUTATION SPECIFICATION

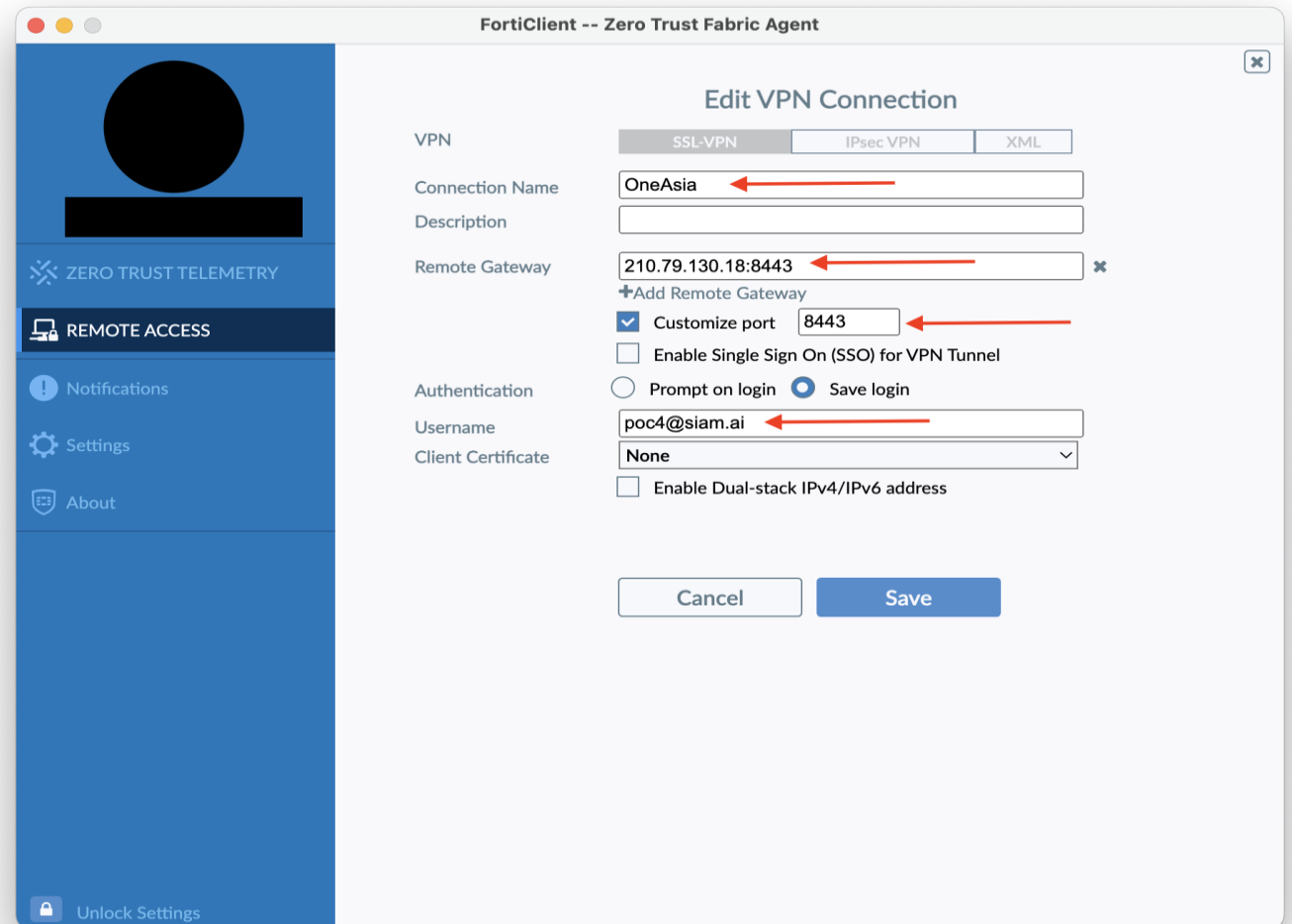
- CPU: Intel Xeon Platinum 8468 (48C/96T) ~ (6C/12T)
- RAM: 256G
- SSD#1: 120GB
- SSD#2: 480GB*
- **GPU: NVIDIA H100 80GB SXM5**
- Amount 32 VM ~ 5VM per house

HOW TO ACCESS SIAM.AI (VPN FIRST)

- Fortinet VPN
 - <https://www.fortinet.com/support/product-downloads#vpn>
- Windows
 - <https://links.fortinet.com/forticlient/win/vpnagent>
- Windows ARM
 - <https://links.fortinet.com/forticlient/winarm/vpnagent>
- Mac
 - <https://links.fortinet.com/forticlient/mac/vpnagent>
- Linux
 - <https://links.fortinet.com/forticlient/deb/vpnagent>
- Linux Arm
 - <https://links.fortinet.com/forticlient/debarm/vpnagent>

HOW TO ACCESS SIAM.AI (VPN FIRST)

- Fortinet VPN
 - OneAsia
 - 210.79.130.18:8443
 - Check Customize port: 8443



HOW TO ACCESS SIAM.AI (SSH TO VM)

- `ssh YOUR_USER@YOUR_VM_IP`

```
AIAT — siamai@siamai-aiat-lab-001: ~ — ssh siamai@172.16.30.121 — 80...

[pongier@pongiermbp AIAT % ssh siamai@ ]
The authenticity of host [redacted] can't be established.
ED25519 key fingerprint is SHA256:m6gyUpRt7D1eHNDzdybRH68fn/2bCv2cux7MlddL0po.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '[redacted]' (ED25519) to the list of known hosts.
[siamai@ ] Password:
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 5.15.0-139-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Sat May 10 02:46:09 UTC 2025

System load: 0.16          Processes:                208
Usage of /:  61.0% of 118.25GB Users logged in:         0
Memory usage: 0%          IPv4 address for eth0: [redacted]
Swap usage:  0%

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
just raised the bar for easy, resilient and secure K8s cluster deployment.
```

YOUR TASK

- Create and mount disk sdb (480GB) also fstab
- Install Python
- Create Environment
- Test Python with GPU
- Or using Docker
- ****If you doing something damage (e.g. OS, Library) something cannot be undo.**