Getting Started Guide

Overview

This getting started guide will explain how to launch a NetFoundry Zero Trust Networking into OCP(Oracle Cloud Platform) Compute

Launching an instance in OCP

Pre Deployment

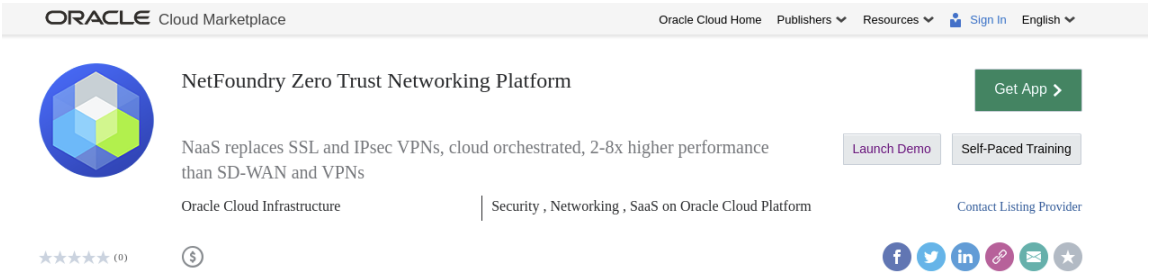
> **Important**
>
> The BYOL (Bring Your Own License) licensing model is one that relies on your purchasing a software license separately from our website here and registering your appliance with generated one time key.

> **Important**
>
> Assumption is that the NF Fabric is already up.

Deployment of Appliance

To get started, visit the OCP Marketplace site by clicking here. If the marketplace doesn't come up, you can go to the search bar that appears, enter NetFoundry Zero Trust Networking and click the resulting solution that appears.

To launch the instance **Click on "Get App"**



App by NetFoundry

Instantly spin up Zero Trust, high performance, application-specific global networks at scale using NetFoundry's cloud native orchestration tools and APIs. Eliminates the need for expensive private circuits, proprietary hardware, and traditional VPNs.

Like what Oracle Cloud does for infrastructure, NetFoundry implements a fully managed Network-as-a-Service (NaaS) solution, empowering you to orchestrate and control your networks without managing the underlying infrastructure. Use the NetFoundry Platform to build and manage:

- **Multicloud Global Transit Networks** to connect datacenter, edge and users to multiple clouds
- Scale out **cloud orchestrated networking** for Egress/Ingress, VPC-to-VPC and VPC-to-OnPrem
- Multicloud and multi region **encrypted peering**

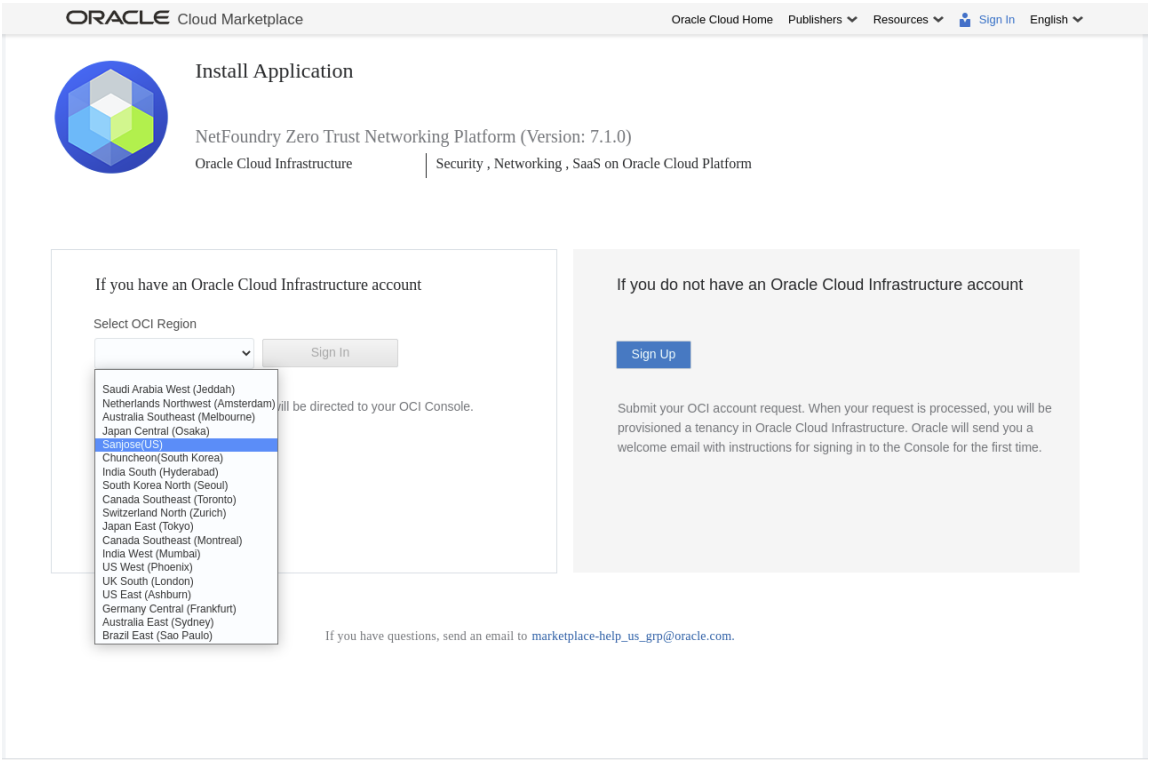
Replace SSL VPN for admin access to cloud and IPSec VPN to connect branch offices. NetFoundry software-defined overlay networks work with any SD-WAN with no disruption. Embed programmable networking into your applications and device stacks with SDKs, APIs, and developer resources.

Technical Benefits

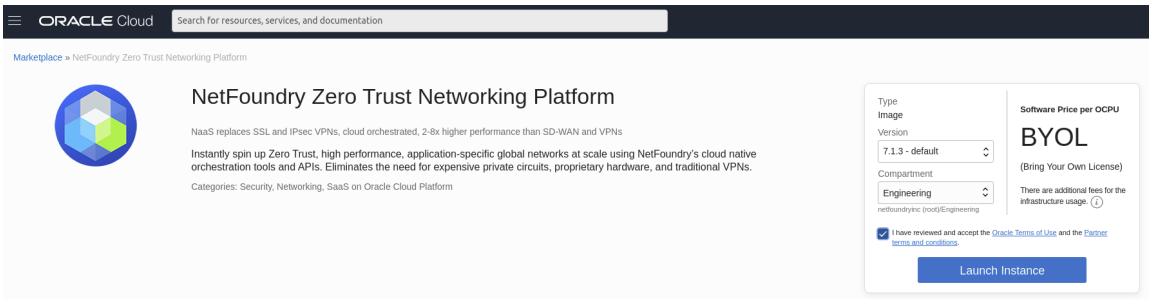
- Remove the **costs and complexities of VPNs**, private APNs and proprietary hardware
- Simplify deployments with **software-defined** private overlay connections to enterprise assets
- **NaaS** provides real-time, dynamic quality optimization, minimizes latency and packet loss
- **2x to 8x better throughput** than leading VPN and SD-WAN solutions
- Flexible, **runs on top of any WAN** or Internet connection
- Natively implement **SASE and Zero Trust networking** for all clients (Win, Linux, Mac, Java, iOS, Android)
- **Secure Edge/IoT systems** with least privilege access and micro-segmentation of edge connections

Business Outcomes

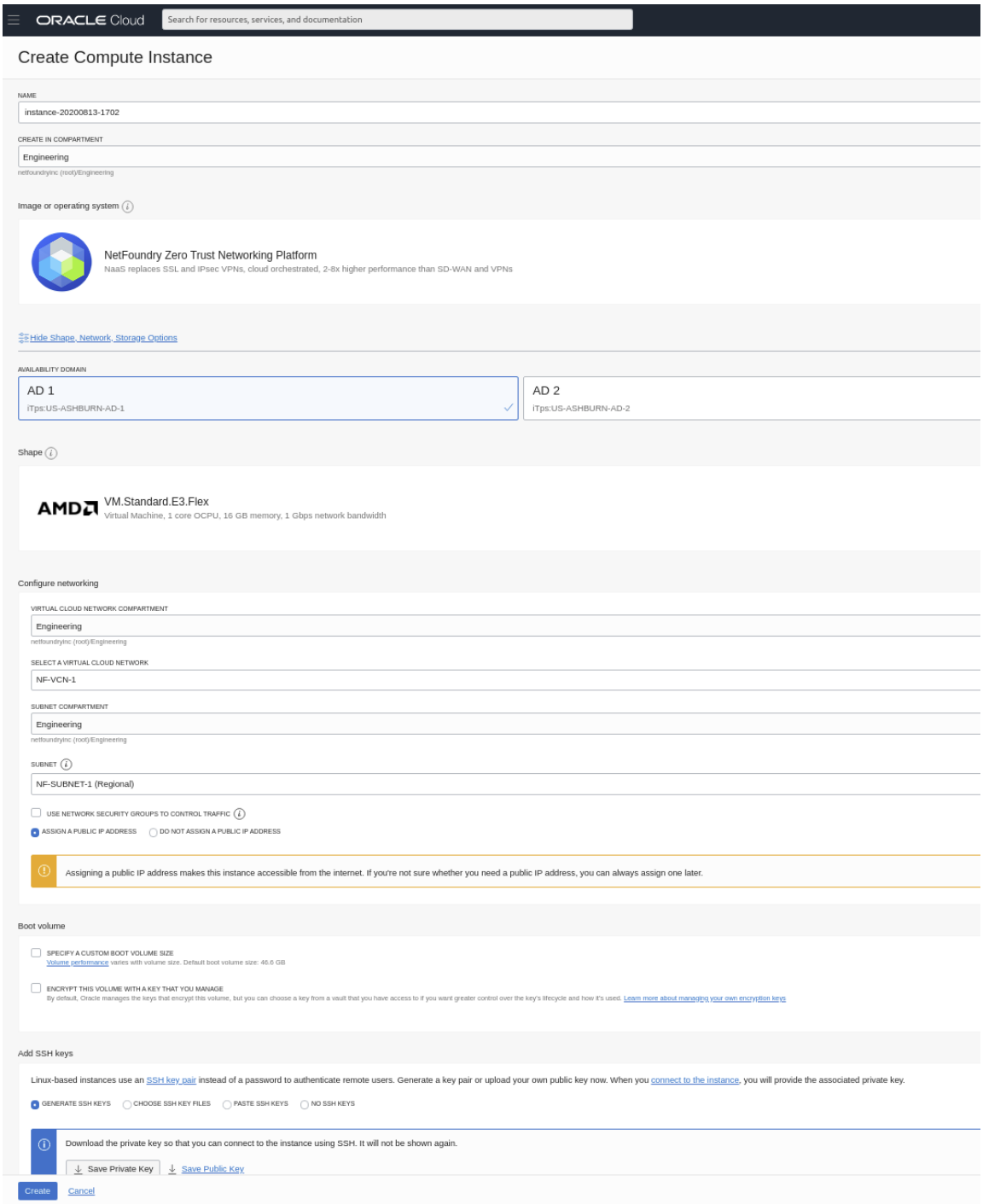
Select a **Region**, and **Click on "Sign In"**



Select the **Compartment** and check the **Oracle Terms of Use** the **Click on "Launch Instance"**



Select the Options:

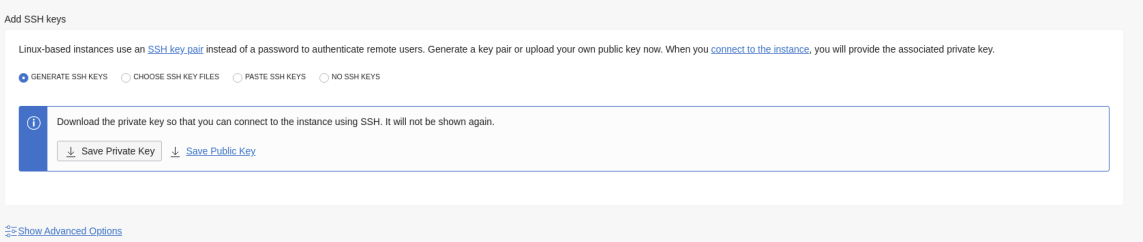


Once the fields have been supplied, Click on **"Create"**

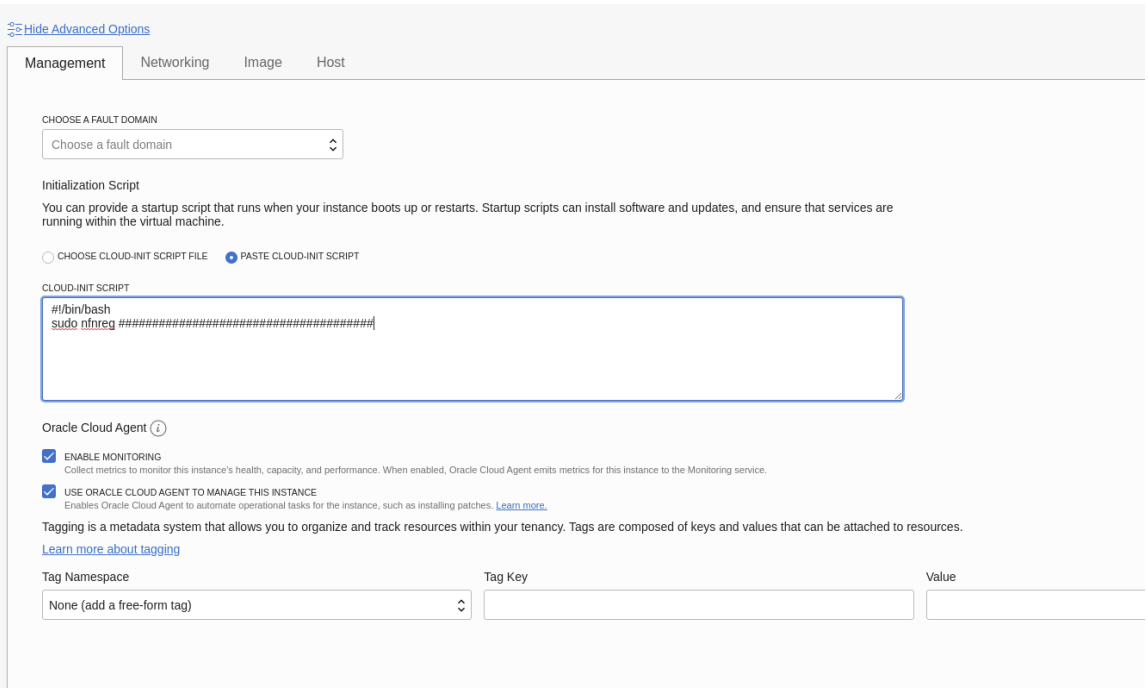
Registration via Cloud-init

If you like to pass in the gateway registration key into the image launching.

Click on "Show Advanced" under the ssh keys assignments



Under the Cloud-Init **Select Paste Cloud-init Script**



Use the following code: V3->V6:

```
#!/bin/bash
sudo nfnreg {Registration Key}
```

V7:

```
#!/bin/bash
sudo router-registration {Registration Key}
```

Post Deployment

If you did not supply the **GatewayRegistrationKey** field during the deployment, you can access the machine via ssh, following the launch. **Please Note** You must enable external IP in order to reach the launched machine remotely.

> **Important**
>
> The ssh username must be "opc"

Using an SSH client, log in to the machine using its public IP address as the user "nfadmin", using the SSH key or password specified earlier.

```
ssh -i [path/to/private/key] opc@[public_ip_address]
```

Once you are logged in to the gateway, follow the instructions to register it to your NetFoundry Network. Look for errors in the registration process output, or "Success" if registration completes successfully. **[registration key]** is the key you captured earlier. How to Register a NetFoundry Cloud Gateway VW

Setup is complete.