

Terraform Instructions

1. Setup source instance and tool instance in the Nubeva SaaS GUI.
2. Download and decompress the terraform.zip file in this repo
3. Update the variables in the terraform.tfvars file which is included in the zipfile.

region, KeyName, VPC, PrivateSubnets, NuToken, and PSPID are the minimum number of variables that need to be specified—the remainder of this document will reference variables.

4. run the following commands:
terraform init && terraform apply

Variables

Region:

The AWS region to launch the PSP into.

Default: None

Example: us-east-1

Namespace:

The domain portion of the FQDN for the PSP service, must be resolvable for agents to connect to tools through the PSP.

Default: nubeva.internal

Alias:

The host portion of the FQDN for the PSP Service, must be resolvable for agents to connect to tools through the PSP.

Default: PSP

KeyName:

Name of an existing EC2 KeyPair to enable SSH access to the ECS instances.

Default: None

VPC:

VPC ID of where the PSP is to be deployed. Must be an existing VPC

Default: None

Example: vpc-023a3e05055fexxxx

PrivateSubnets:

Comma separated list of subnet IDs to deploy the autoscaling ECS cluster into. Must be private subnets that are provisioned with a NAT gateway for the default route to the Nubeva cloud SaaS. Can be a single subnet for non-HA architecture or multiple subnets for an HA architecture

Default: None

Example: subnet-0de0e3124d966xxxx, subnet-05e18cd449c10xxxx

MaxSize:

Maximum number of instances that can be launched in the ECS cluster.

Default: 5

NetworkTooLowThreshold:

Threshold at which cluster scales down (Bytes received per instance over a minute). This value reflects an r4.large as the PSP.

Default = "37500000000"

NetworkTooHighThreshold:

Threshold at which cluster scales up (Bytes received per instance over a minute). This value reflects an r4.large as the PSP.

Default = "60000000000"

InstanceType:

Base instance size in the autoscale cluster

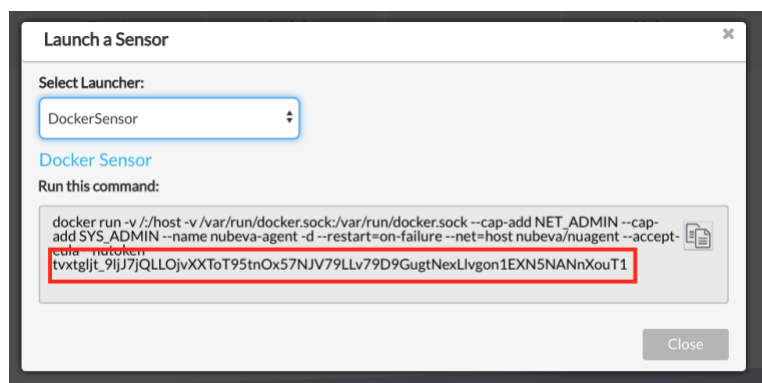
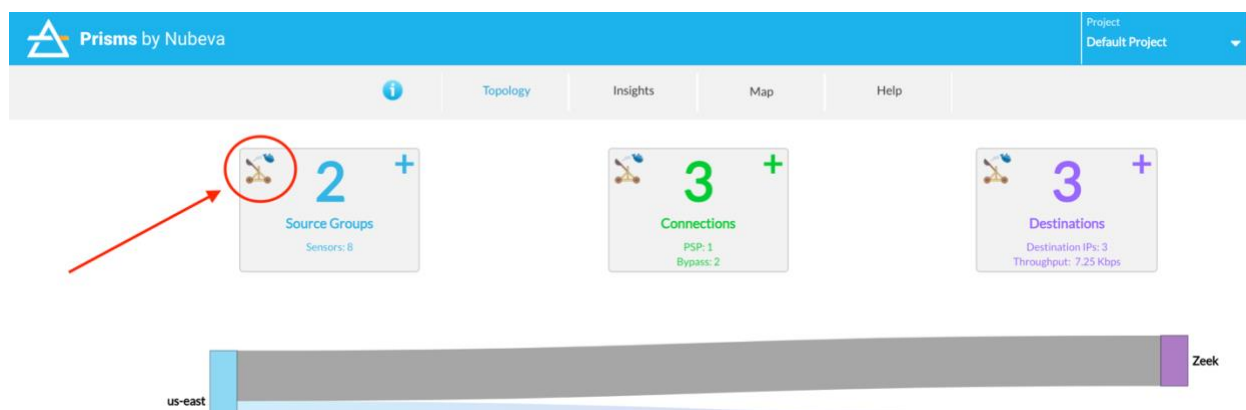
Default: r4.large

NuToken:

Nubeva Token for registering agent.

Default: None

Note: to retrieve NuToken, click the launch icon in the source group box, and select the last line from the Docker installer. This will be updated with new UI enhancements on next release.



PSPID:

Nubeva PSP Identifier

Note: to retrieve PSPID, please contact Nubeva Support, support@nubeva.com. This will be updated with new UI enhancements on next release.