Configuring the Installer in HA Environments

Installation · https://2yetis.net/docs/configuring-the-installer-in-ha-environments/

In production environments you will want to setup uvuyo to ensure high availability. In this case you need to spread the installation over different hosts (maybe also in different locations). To do so you need to tell the installer where to install which component. The installer will not install components remotely so you would need to run the installer on every server which should contain components of uvuyo. The configuration file will contain the necessary information which services should be configured on the server.

The configuration file must be a yaml file with the following format:

```
servers:
   $serverName:
      uvuyo:
         $uvuyoConfiguration
      kafka:
         $kafkaConfiguration
      zookeeper:
         $zookeeperConfiguration
```

Using the following variables:

Parameter	Optional	Type	Default	Description
$serverName	No	String	n/a	Name of the server that is configured.
$uvuyoConfiguration	Yes	UvuyoConfig	n/a	The uvuyo configuration. See details below.
$kafkaConfiguration	Yes	KafkaConfig	n/a	The kafka configuration. See details below.
$zookeeperConfiguration	Yes	ZookeeperConfig	n/a	The zookeeper configuration. See details below.

Where `$uvuyoConfiguration` has the following format:

Parameter	Type	Default	Description
install	boolean	true	Specifies if an uvuyo node should be configured
instances	number	1	Number of uvuyo node containers to be configured on this server

Where $kafkaConfiguration has the following format:

Parameter	Type	Default	Description
install	boolean	true	Specifies if a kafka container should be configured
instances	number	1	Number of kafka containers to be configured on this server

Where $zookeeperConfiguration has the following format:

Parameter	Type	Default	Description
install	boolean	true	Specifies if a zookeeper container should be configured
instances	number	1	Number of zookeeper containers to be configured on this server

Example:

```
servers:
   hostA:
      uvuyo:
         install: true
         instances: 3

   hostB:
      kafka:
         install: true
         instances: 3
      uvuyo:
         install: true
         instances: 3

   hostC:
      zookeeper:
         install: true
         instances: 3
      uvuyo:
```

```
        install: true
        instances: 3
```

The configuration file support variables being used. These variables are being replaced before the is processed by the installer.

Variable	Description
hostname	The hostname the installer is currently running on.

Example

```
servers:
  ${hostname}:
    zookeeper:
      install: true
      instances: 3
    kafka:
      install: true
      instances: 3
    uvuyo:
      install: true
      instances: 3
```