1. Installation Cloudify Spire Manager

To install Main manager, please refer to official documentation

https://docs.cloudify.co/latest/install_maintain/installation/installing-manager/

Spire is supported fom version 6.4.0.

2. Installation submanagers

You can install submanager in the same way as the main manager(Spire). The most important things is to make sure that your network is set up correctly (all locals managers must be available for Spire AIO).

3. Exposing submanagers

To perform correct management, you need to expose information about your all submanagers in Spire. There are two ways to connect Spire with submanagers. First of them is token, the second is user and password

a) Connection based on token

Token can be generated vi command: *cfy token create*
(reference https://docs.cloudify.co/latest/cli/orch_cli/tokens/)
The value of token must be added to secrets. In the next step, deploy *manager_exposer_token.yaml* with proper inputs like endpoint, tenant, protocol and port as below.

b) Connection based on user and password

Add password of user as secret. Next, deploy *manager_exposer.yaml* with proper inputs like user name, endpoint, tenant, protocol and port as below.

The result of deployment is Environment with all necessary information in Capabilities.

4. Deploy on mechanism.

Depends on connection type (token or user and password) you can deploy proper blueprint (deploy_on_token.yaml or deploy_on.yaml) with action *Deploy on* from *Bulk action.* Below dialog appears. The inputs are visible when blueprint is selected.

Inputs:

blueprint_archive   - url to zip which contains all necessary files, the source must be available from submanager (it is recomended to use public repo)

blueprint_id   - name of blueprint with which the file is to be uploaded

cloudify_secret_token - name of secret which contains information about token

main_file_name   - name of blueprint file in zip package

trust_all   - is value of CLOUDIFY_SSL_TRUST_ALL (true if certificate is not valid or for testing purpose)