

StarlingX Far Edge Distributed Cloud Test Documentation

Introduction

Akraino Test Group Information

Hardware Information:

- per BoM on [StarlingX Far Edge Distributed Cloud](#) page

Software Information:

StarlingX	Kubernetes	EdgeX Foundry
2.0	1.13.5	Kubernetes 1.13.5

Overall Test Architecture

tbd

Test API Description

Deployment Case

The Test Inputs

Running StarlingX system, access to github.

Test Procedure

0. Install latest StarlingX image (optional, as a separate Jenkins job).

- follow the installation guide at [StarlingX Far Edge Distributed Cloud Installation Guide](#).

1. ssh to running StarlingX system.

2. Download Kubernetes charts for EdgeX from: <https://github.com/rohitsardesai83/edgex-on-kubernetes/>

3. Unzip the archive.

4. Start EdgeX containers using kubectl:

- > "kubectl create -f <service-name>.yaml".
- there is also a script available there as well: <https://github.com/rohitsardesai83/edgex-on-kubernetes/blob/master/hack/edgex-up.sh>

5. Check that the EdgeX services are up and running:

- > "kubectl get pods -n default | grep edgex"

Expected Output

tbd

Test Results

tbd

Feature Tests

These will be added in Rel 2.

Test Steps

TBD.

Test Dashboards

TBD.

Bottlenecks/Errata

TBD.