IIoT Testbed
Not Suggested Testing Report

System Architecture

Bitbucket

router

Agent Worker - H3

Agent Worker - H2

KVM

VM

OpenSplice

MySQL

Agent worker

DDS app

Git

Testbed Web Server - H1

Django

Redis Server

Mediator

jenkins

Git

GUI Tester

jenkins slave

Korat

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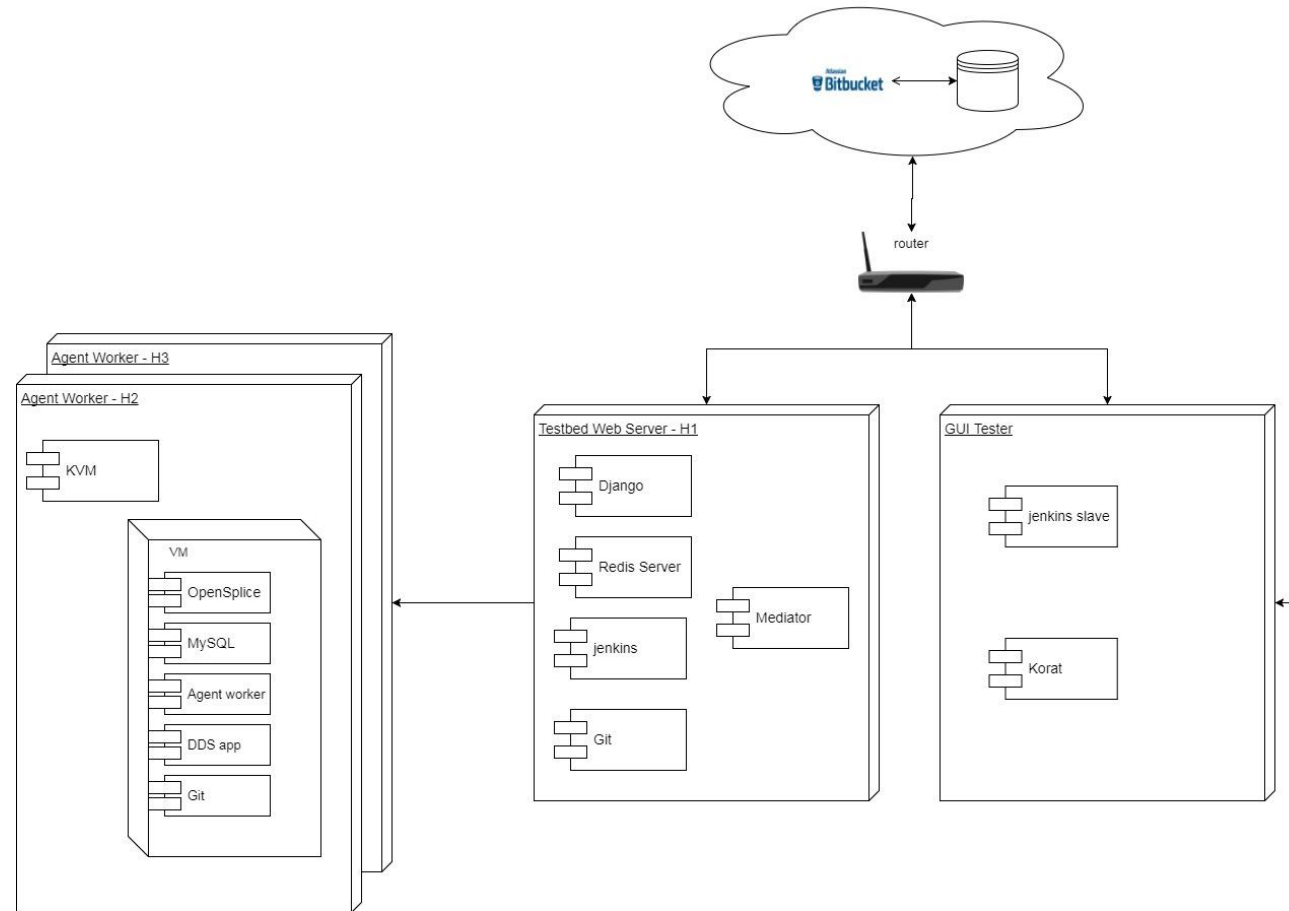
Testing Environtment

- KORAT

- Jenkins

- Google Chrome

Computer Specifications:

- **OS:** Windows 10

- **Processor:** Intel Core i3, 2.10 GHz

- 2GB of RAM

Test Cases

- **TESTBED-FT-14** (Add New Data Setting)

  Add new data setting on profile before conducting a simulation.

- **TESTBED-FT-15** (Save Data Setting)

  Save new data setting that just added.

- **TESTBED-FT-16** (Load Data Setting)

  Load new data setting that just saved.

Test Cases

- **TESTBED-FT-17** (Rename Device with Existing Name)

  Rename a device with a existing device name on a same profile.

- **TESTBED-FT-18** (Rename Topic with Existing Name)

  Rename a device with a existing device name on a same profile.

Test Result

- **2017-10-30, 06:00:00 – 08:00:00 AM**

Scheduler ID		Test Result		
		Status	**Passed**	**Failed**
SEP11_Login	6 times	X	0	6
SEP11_DataSetting	6 times	X	0	6
SEP11_DeviceEditor	6 times	X	0	6
SEP11_TopicEditor	6 times	X	0	6
SEP11_SameDeviceName	6 times	X	0	6
SEP11_SameTopicName	6 times	X	0	6

Test Result

- **2017-10-30, 12:00:00 – 01:00:00 PM**

Scheduler ID		Test Result		
		Status	**Passed**	**Failed**
SEP11_Login	1 times	X	0	1
SEP11_DataSetting	6 times	X	3	3
SEP11_DeviceEditor	1 times	X	0	1
SEP11_TopicEditor	6 times	X	2	4
SEP11_SameDeviceName	6 times	X	1	5
SEP11_SameTopicName	1 times	X	0	1

Test Result

- **2017-10-30, 02:00:00 – 03:00:00 PM**

Scheduler ID		Test Result		
		Status	**Passed**	**Failed**
SEP11_Login	4 times	**X**	0	4
SEP11_DataSetting	6 times	**X**	1	5
SEP11_DeviceEditor	4 times	**X**	0	4
SEP11_TopicEditor	5 times	**X**	1	4
SEP11_SameDeviceName	4 times	**X**	0	4
SEP11_SameTopicName	5 times	**X**	0	5

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What's Missing?

1. No Repository
2. No Issue tracking
3. No Test Plan
4. Log Days Not Enough