**Details for Testbeds – Network\_Application - UCs**

**Testbed**

A) Please find below the production URL for the Monitoring Analytics Platform.

If you are going to route the traffic over the internet, please use the following endpoints:

1) Testbed: <https://portal-monitoring-analytics.fidal-he.eu/fidal/collector/v1/data/testbed>

Otherwise, if you are going to route the traffic via Fabric, please use the following endpoints:

1) Testbed: <http://10.10.6.10/fidal/collector/v1/data/testbed>

**Network\_Application**

If you are going to route the traffic over the internet, please use the following endpoints:

1. Network\_Application: <https://portal-monitoring-analytics.fidal-he.eu/fidal/collector/v1/data/app>

Otherwise, if you are going to route the traffic via Fabric, please use the following endpoints:

1. Network\_Application: <http://10.10.6.10/fidal/collector/v1/data/app>

B) Please find the specifications of the REST API that can be used for sending KPIs of Network\_Application and UCs.

**URL:** …/fidal/collector/v1/data/app

**Method POST:**

**BODY:**

In case there are no distinctions (i.e. different IP) for CPU and RAM, the requests are as follows:

***Network\_Application Sample Request***

{

"source\_type": "Network\_Application",

"test": {

"use\_case": "OC9\_1",

"test\_case": "Open Call TC",

"test\_case\_id": "dummy"

},

"data": {

"timestamp": "2024-05-22T15:21:42.000Z",

"moids": [],

"kpis": [

{

"name": "cpu",

"value": "0.4487",

"unit": "MHz"

},

{

"name": "ram",

"value": "0.4487",

"unit": "GB"

}

]

},

"netapp": {

"net\_app\_id": "StreamSelector"

}

}

If there are distinctions (i.e. CPU and RAM KPIs correspond to the HW IP-10.40.330.23), the requests are as follows:

***Network\_Application Sample Request***

{

"source\_type": "Network\_Application",

"test": {

"use\_case": "OC9\_1",

"test\_case": "Open Call TC",

"test\_case\_id": "dummy"

},

"data": {

"timestamp": "2024-05-22T15:21:42.000Z",

"moids": [

{

"name": "ip",

"value": "10.40.330.23"

}

],

"kpis": [

{

"name": "cpu",

"value": "0.4487",

"unit": "MHz"

},

{

"name": "ram",

"value": "0.4487",

"unit": "GB"

}

]

},

"netapp": {

"net\_app\_id": "StreamSelector"

}

}

C) The steps using the portal are:

1. Log in to the portal using your login details.
2. Choose the UCs that are for your testbed (Your UC will be defined)
3. Start an experiment by clicking the “Experiment Management” button. By default, the duration for data recorded is 60 minutes, but we recommend triggering an experiment for up to 180 minutes.
4. From the dropdown menu, select your experiment (it will be the first one). Click the “View” button to display the data (telemetry, Network\_Application and UC). As soon as the Analytics Platform will receive new data, they will be demonstrated near real-time by the Monitoring Analytics Platform.

\**By using this dropdown menu, you can also display previous experiments.*

1. Begin sending data using the above endpoints.
2. To stop the experiment earlier, click the “Stop” button. Note that stopping the experiment will halt data reception. Therefore, stop sending Network\_Application data before stopping the experiment.

**Note:** If you need any help, please feel free to contact me [(e.serpetzoglou@app-art.gr](mailto:(e.serpetzoglou@app-art.gr)) and we can arrange a call.