Daily work log

1st December 22

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-I talked to Rama about Xray tool. She said that the tool is developed by Infosys, and asked me to talk to Thiru about it.

-I also spoke to Rama about getting Grandstream ports. She said that the RIMS ports of Grandstream are owned by Thiru. She also said that she could provide me with CIMS ports if required.

-I installed Zoiper soft client on my pc. It appears that the limited version allows me to do so little with it. I will however, require the credentials to be provided to me if I were to log in to the Comcast network.

5th December 22

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-I have been going through ICEMR tickets looking at the call traces to study the difference from a proper call flow <https://tkts.sys.comcast.net/browse/ICEMR-783> <https://tkts.sys.comcast.net/browse/ICEMR-781> and <https://tkts.sys.comcast.net/browse/ICEMR-785>

6th December

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Tried configuring soft phone. Did not succeed.

8th December

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-Today I will work on executing a few manual test cases.

-I will work on making a call from on net to an on-net number.

-Follow up with Prem on making a soft client call.

9th December

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-Today I plan to attend the vCMTS session.

-Today I also plan to go through tickets ICEMR 785 and 625.

12th December

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-Prepared documentation for MWI and UCID today.

13th December

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Today I contacted Thiru regarding the application access and also to ask if he could assist me in assigning me real TNs and device. I also told him that my access keys have not been added to the RTaaS servers. Thiru showed me the ways two simple tools that are used in rebooting the system. I also attended the virtual CMTS presentation in the morning. It was so so. The person presenting was knowledgeable but could not transmit the information in a way that everyone could get it. Of course I shouldn’t be bad mouthing the person as she was making the best effort possible in explaining. However, the problem with trying to explain everything at once is that there is always the chance that you will overwhelm the audience with nitty gritty details that otherwise can be left out for the purpose of the presentation, but are important in real life scenarios. This way you avoid the confusion that can be created by having too much information within the presentation session itself. Today I also spent some time writing emails to people such as Prem and Karthik. This is because I wanted to obtain information about the two projects NCT and Stir-Shaken in a way that I can absorb them properly to be writing documents about them. Absorbing this knowledge will be helpful when I am completely involved in testing the RTaaS products myself or assisting those who are testing them.

14th December

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Today I was mainly focussing on understanding from Anil about the execution of the Postman Tool. The postman tool was missing a bearer token. I have no clue as to why the bearer token was missing because the bearer token was put up by me in the Postman tool. If this keeps happening all the time, it is going to be a challenge as the bearer token has to be put once in every few days. I also emailed Anil some questions which I had regarding Test Execution. He hasn’t responded yet, but hopefully he does. In the scrum meeting, Tung Hai asked me about what I have been doing so far. I responded to him by saying that I will assist Anil in this test cycle.

19th December

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On Friday he tells me about the 10.138.186.65 server and was the first time I got to know that he uses SIPP to test the cases. The only KT I got was related to the call flows in MWI. Now can you tell me how to approach the testing? Thiru has to give me full support.

The number that I have assigned for myself is 16097270429. How do I reboot the device associated with this number? (The above is done).

This is the place for test case report-

http://96.116.225.123:7100/niffler/reports/lQ7hAM78bxo8rItgKhR7cv4sGoE1wbZn/

What is the path of the XML SIPP test cases?

What is the command to use for executing SIPP test cases?

How do you execute the test cases which are not SIPP?

How do I reboot the Grandstream port ?

Are all the calls through SIPP test cases?

**Following is the command for executing the test case-**

[16-12 15:00] Bajantri, Anil Bhaskar (Contractor)

10.138.186.65

[16-12 15:01] Bajantri, Anil Bhaskar (Contractor)

sipp 76.96.229.112 -sf mwi\_subscribe.xml -inf mwi\_comcast.csv -i 10.138.186.65 -p 5062 -r 1 -m 1

[16-12 15:02] Bajantri, Anil Bhaskar (Contractor)

/home/cloud-user/Anil/UAC/MWI\_Tesing\_Files

Server ip: 76.96.229.112

**Access to be checked with Naidu.**

1. Automated test cases to be verified by Postman Automation
2. Non-Automated kpi test cases to be verified in Var/logs/RTaaS folder.
3. Regression and Functional Test cases – Postman Automation Call Trace.
4. KPI and Alarms – Increasing the cpu High CPU. I will shadow Anil me to perform these.
5. Performance test cases is part of SIPP – Anil will be sharing the commands and trial run.
6. VM Failover scenario – For example, within 4 vms for MWI. 1 of the VMS down, so three up.
   1. Command to stop the RTaaS sudo Service RTaaS stop
   2. Command to start the RtaaS sudo service RtaaS start.

**Access requirements-**

1. Ask Suganya or Sumanth for access to dev SIPP server.
2. X-Ray tool access for rebooting the devices.
3. Access to 4 MWI QA vms and QA sipp server 10.138.186.65.
4. Alterta (Alarms) and Grafana (KPI) access required.
5. Top three devices’ models will be testing for End to End scenarios.

TG1682G, CGM4140COM 3) CGM4331COM - For end to end testing of the three models for publish notify, tcp dump on the vms will be required.

Verify through the tcp dump on the vms, Publish and notify reaching the mwi server or not.

1. Monitoring test cases to be demonstrated by Anil.

RTaaS MWI VMS for QA

76.96.229.112 NDC Ashburn

76.96.229.113 NDC Ashburn

76.96.227.112 NDC Hillsboro

76.96.227.113 NDC Hillsboro

Ran Automation for postman

First run report- <http://96.116.225.123:7100/niffler/reports/VSl9NemfGb4glUsBhnGihsK8ljnzYyO2/>

Second run report –

<http://96.116.225.123:7100/niffler/reports/rujXCCAGBKMe1AcWNRPdlaH7FVQmNW7B/>

Are the test case ids mapped to multiple ids?

Item#12 Monitoring test case

Increase the cpu utilization above 70

Thrice yes > /dev/null &

Check logs in /var/log/rtaas

Check Alerta [16:22] Bajantri, Anil Bhaskar (Contractor) access from Manoj

<https://GEMS-Dev-Prometheus-1.monitoring.comcast.net:8443>

Then kill the processes

To check with Manoj

KPI test

BeforeSIP

Background pattern

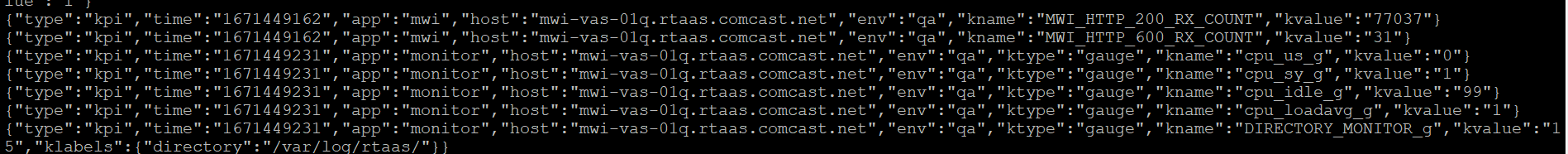
Description automatically generated

AfterSIP

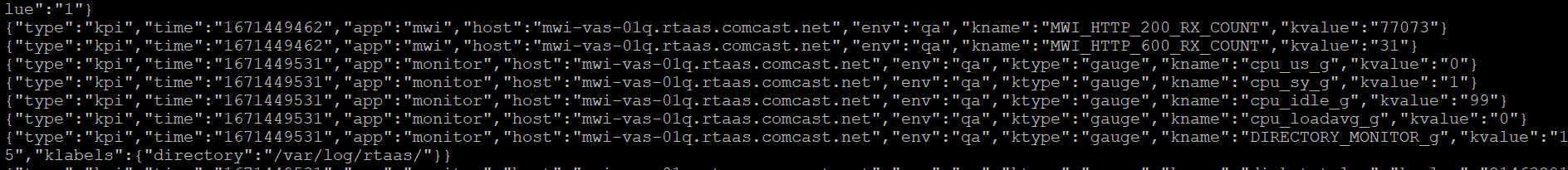
Background pattern

Description automatically generated

BeforeHTTP



AfterHTTP



Alarms

{"type":"alarm","time":"1671447132","app":"monitor","host":"mwi-vas-01q.rtaas.comcast.net","env":"qa","aid":"203040","aseverity":"minor","astatus":"open","avalue":"79","adesc":"CPU\_YELLOW. Limit of 70","alabels":{"usage":"79","threshold":"70"}}

{"type":"alarm","time":"1671447582","app":"monitor","host":"mwi-vas-01q.rtaas.comcast.net","env":"qa","aid":"203030","aseverity":"critical","astatus":"open","avalue":"100","adesc":"CPU\_RED. Limit of 90","alabels":{"usage":"100","threshold":"90"}}

{"type":"alarm","time":"1671447823","app":"monitor","host":"mwi-vas-01q.rtaas.comcast.net","env":"qa","aid":"203030","aseverity":"critical","astatus":"closed","avalue":"1","adesc":"CPU\_RED. Limit of 90","alabels":{"usage":"1","threshold":"90"}}  
{"type":"alarm","time":"1671447853","app":"monitor","host":"mwi-vas-01q.rtaas.comcast.net","env":"qa","aid":"203040","aseverity":"minor","astatus":"closed","avalue":"1","adesc":"CPU\_YELLOW. Limit of 70","alabels":{"usage":"1","threshold":"70"}}

Why are you passing this ? to Rut

Graphical user interface, text, application, email

Description automatically generated

20th December

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[15:08] Bajantri, Anil Bhaskar (Contractor)

Bhattacharjee, Priyankar, PFB list of TN's used earlier for E2E testing:

1. TG1682G --- 6093778995 3c:7a:8a:53:10:49, 563330214 10:86:8c:2e:6e:f9, 8563200642 18:b8:1f:88:ee:af, 8563200641 a8:9f:ec:42:ac:79, 6094865994 04:4e:5a:40:61:2c  
   2) CGM4140COM --- 8563200429 90:58:51:fa:9e:32  
   3) CGM4331COM --- 8563200439 5c:7d:7d:27:5e:34, 8563200440 5c:7d:7d:30:3c:e9

[15:14] Bajantri, Anil Bhaskar (Contractor)

Load Commands :

sipp 76.96.227.112:5060 -trace\_err -sf mwi\_notify\_test.xml -l 100 -r 50 -p 5062

sipp 76.96.227.112:5060 -trace\_err -sf mwi\_subscribe\_perf\_comcast.xml -inf comcast\_input.csv -l 25 -r 25

sipp 76.96.227.112:5060 -trace\_err -sf mwi\_publish\_perf\_comcast.xml -inf comcast\_input.csv -l 10 -r 10

Github linkfor the scripts ::  
<https://github.comcast.com/Communication-Applications/Tools/tree/mwi_perf_test/sipp_scripts/mwi>

Niffler link for validating automation report

<http://96.116.225.123:7100/niffler/reports/lQ7hAM78bxo8rItgKhR7cv4sGoE1wbZn/>