LLAP cluster classic monitoring test

Test: To follow the given steps and check if install and uninstall script of classical monitoring is working fine and data is getting populated or not inside the log analytics workspace.

Cluster Used:

Name: llapclassiccluster

Cluster Type: Interactive Hive (LLAP)

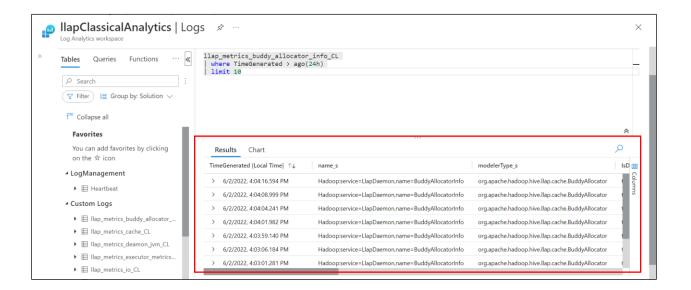
Workspace Connected: llapClassicalAnalytics

Workspace ID: 1ef573a9-bc56-4df7-89d0-62b19dd032ca

Enable Classical Monitoring from portal

Turned on Classic Monitoring at 4:00 PM local time

Verified that data is getting populated inside the tables



Several Tables with data got populated inside the log analytics workspace connected to the cluster.

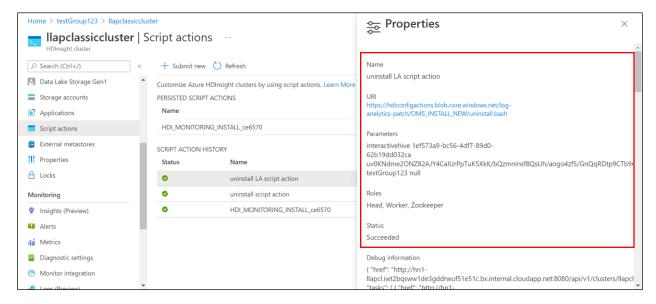
Manually disabled LA by running uninstall script action

Uninstall oms script run through script action in the cluster.

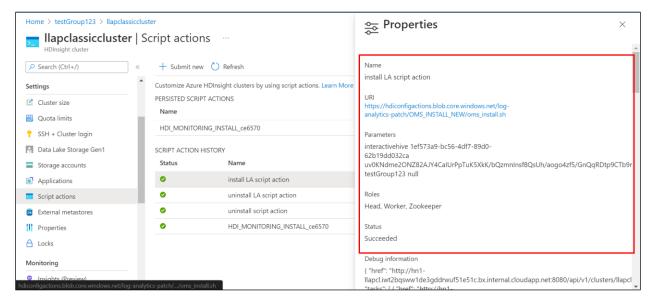
Script Link: https://hdiconfigactions.blob.core.windows.net/log-analytics-patch/OMS_INSTALL_NEW/uninstall.bash

Script parameters:

interactivehive 1ef573a9-bc56-4df7-89d0-62b19dd032ca uv0KNdme2ONZ82AJY4CalUrPpTuK5XkK/bQzmnlnsf8QsUh/aogo4zf5/GnQqRDtp9CTb9rlASCcpXBkh AzmUQ== testGroup123 null



Manually run the install script action to enable the LA



Install Script Link: https://hdiconfigactions.blob.core.windows.net/log-analytics-patch/OMS_INSTALL_NEW/oms_install.sh

Install script parameters:

interactivehive 1ef573a9-bc56-4df7-89d0-62b19dd032ca uv0KNdme2ONZ82AJY4CaIUrPpTuK5XkK/bQzmnInsf8QsUh/aogo4zf5/GnQqRDtp9CTb9rIASCcpXBkh AzmUQ== testGroup123 null

Running workloads in llap cluster

Create Table

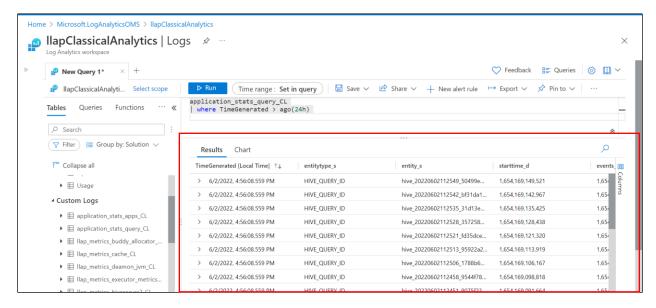
Create table xyz (id int,som string);

Around 1000 queries were run to insert data in the table

insert into xyz values(2 ,"som");

The install script was run at 4:45 PM and the insert queries were run at 4:55 PM

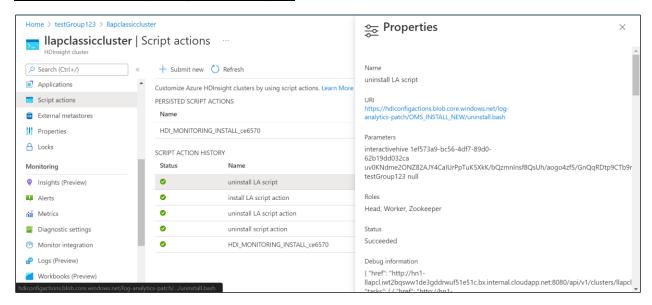
Verify data in table



We can see data generated around 4:56 PM, which means data is getting populated after the oms was installed manually using script action.

Data for queries coming in application_stats_query_CL table

Uninstall LA using script action again



run this command - sudo cat /etc/opt/microsoft/omsagent/sysconf/installinfo.txt

[there should be no result]

```
sshuser@llapclassiccluster-ssh.azurehdinsight.net's password:
Welcome to Ubuntu 18.04.6 LTS (GNU/Linux 5.4.0-1070-azure x86_64)
 * Documentation: https://help.ubuntu.com
 * Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
 * Super-optimized for small spaces - read how we shrank the memory
   footprint of MicroK8s to make it the smallest full K8s around.
   https://ubuntu.com/blog/microk8s-memory-optimisation
151 updates can be applied immediately.
127 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable
New release '20.04.4 LTS' available.
Run 'do-release-upgrade' to upgrade to it.
*** /dev/sda1 will be checked for errors at next reboot ***
Welcome to LLAP on HDInsight.
Last login: Thu Jun 2 11:18:19 2022 from 49.36.191.209
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
sshuser@hn0-llapcl:~$ sudo cat /etc/opt/microsoft/omsagent/sysconf/installinfo.txt
cat: /etc/opt/microsoft/omsagent/sysconf/installinfo.txt: No such file or directory
sshuser@hn0-llapcl:~$ _
```

As we can see there is no result upon running the command since the oms was uninstalled using the script action.