13.0.3 - Test Integration: Python Scripts used for Data Gathering and Functional Validation

```
# Support Bundle Upload
curl -v https://vast-callhome.s3.amazonaws.com:443
# Call-Home
curl -v https://callhome.vastdata.com:443
# Teleport test:
curl -vk https://teleport.vastdata.com:3080
```

CLI

SSH to the VMS IP and run the following:

```
# check Alarms and Events via CLI
vcli
event list
alarm list
```

Gather a VMS log bundle

Before you handoff to the customer, gather a log bundle.

```
sudo tar cvfz /userdata/$(hostname)-vms_logs.tgz /vast/vman/vms/log /vast/data/vms-bringup.log /var/log/messages
```

SCP this file to your laptop.

> Edit HOSTNAME below to reflect the proper filename. You likely will not know this value until you are ready to perform this step.

```
scp -o "StrictHostKeyChecking=no" -o "UserKnownHostsFile /dev/null" vastdata@192.168.2.2:/userdata/c-128-2-vms_logs.tgz .
```

Copy VAST release bundle to CNode

```
#scp build to VAST CNode
scp -o "StrictHostKeyChecking=no" -o "UserKnownHostsFile /dev/null" ~/Downloads/release-5.3.1-1841219.vast.tar.gz
vastdata@192.168.2.2:/vast/bundles/

```

CLI

Connect to VMS GUI and create your VIP(s):

```
# create VIP via CLI
vcli
# create a vip pool and note where the IPs end up. That matters for
next test.
vippool create --start-ip DATAIP1 --end-ip DATAIP2 --subnet-cidr DCIDR
--gw-ip DGW
vip list

```

Verify that VIPs are setup and listening:

```
showmount -e DATAVIPNOTONTHISCNODE
# make sure the above command shows you one export.  If you get an error, double check the VIP Pool you created.

```

Validate FRU Information

Ceres DNodes

```
clush -g dnodes -b "sudo ipmitool fru list |grep 'Chassis Serial'| awk '{print \$NF}'"
```

```
vast43-kfs vastdata@v43cn1 ~:$ clush -g dnodes -b "sudo ipmitool fru list |grep 'Chassis Serial'| awk '{print \$NF}'"
---------------
172.16.3.[105-106] (2)
---------------
C15-22070100100011
---------------
172.16.3.[107-108] (2)
---------------
C15-22070100100045
```

Note each Dtray has a different Serial number

Verify Serial numbers

```
#cboxes
clush -g cnodes -b "sudo ipmitool fru list |grep 'Product Serial'| awk '{print \$NF}'"
#dboxes
clush -g dnodes -b "sudo ipmitool fru list |grep 'Chassis Serial'| awk '{print \$NF}'"

```