

User runintegration jobs Guide

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Summary

Add an interface to run image/OEDA/upgrade tests from a user transaction by extending the framework used for running these tests nightly for every label.

02/18/2020

Extended the framework to add an option to pass a list of transactions. The transactions are grabbed in the current view(if a transaction does not exist in the view a new transaction is started), if there are unresolved conflicts in grabbing a particular transaction to the view it is backed out. Image is built in the combined transaction(of all valid transactions that could be grabbed successfully) before tests are kicked off.

OCI OL8 Migration and associated changes

Due to the changes on OL8 environment and stricter security changes(user views not accessible from other hosts/users using /net/) please follow these steps before submitting tests from new OL8 VMs or older OL7 VMs.

a) Grab transaction dpant_ol7_ol8_migrate_final(transaction will be merged soon)

b) From the transaction view run the following which copies the imaging/upgrade bits to a shared location. If upload was run from the same transaction before script will prompt to overwrite the existing bits, if a rebuild was done in the view then choose 'y' so that the latest bits are updated at the shared location.

```
cd oss/test/tsage/sosd; ./runallintegration.sh upload
```

c) Continue submitting tests as before using runallintegration script.

Another consequence of security changes disallowing accessing user view using /net/<hostname> is that test logs cannot be accessed directly in the test view, the logs are copied to shared location after the test completes for triaging. Please follow the location in the completion mail to get to the logs.

From OL8 hosts:

/net/100.70.105.74/scratch/rkjain/image_oeda_upgrade_logs/

From OL7 hosts:

/net/slc13szd.us.oracle.com/scratch/rkjain/image_oeda_upgrade_logs/

Running the script

Added a new script runallintegration.sh(in oss/test/tsage/sosd/) with the following options:

runallintegration.sh -help

```
runallintegration.sh -h | -help
Usage: Option [arguments]
where Option is one of:
list      Lists image/upgrade tests enabled for nightly runs(use list -h for details)
runtest   Runs image/upgrade tests for a user transaction(use runtest -h for details)
status    Display status of tests for a transaction/label(use status -h for details)
abort     Abort image/upgrade tests for an env/user transaction
upload    Upload imaging bits from transaction to shared server
```

runallintegration.sh list

Listing details of tests enabled, hardware used and status of tests

```
adei lknuyen_main 3 | [lknuyen@phoenix90405 sosd]$ runallintegration.sh list
```

| Rack Name | Deployment Type | Run Info | Run Status | Test Type | Usage | Host | Hardware Model |
|-------------------|-------------------------------|---------------------------|----------------|------------|-----------|----------------|---|
| scaqab08adm0506 | Image-BareMetal-IB-X8 | | blocked | Image+Oeda | enabled | 10.32.18.5 | X8-2 Quarter Rack EF 3.2TB |
| scaqab08adm0102 | Image-OVM-PKEY-X8 | | idle | Image+Oeda | enabled | 100.70.103.182 | X8-2 Quarter Rack EF 3.2TB |
| scaqa110adm0506 | Image-BareMetal-ROCE-X8 | | idle | Image+Oeda | enabled | 10.32.18.5 | X8M-2 Elastic Rack EF 6.4TB |
| scaqa110-scaqa112 | Image-KVM-Exascale-X8 | jcliminsk_bug-36717609 | run : 0.70 hrs | Image+Oeda | lknuyen | 100.70.69.118 | X8M-2 Elastic Rack EF 6.4TB(QinQ,MultiRack) |
| } | | | | | | | |
| scaqa19adm01-04 | Image-KVM-Exc-EDV-X9 | | idle | Image+Oeda | disabled | 100.70.69.118 | Exadata X9M-2 Custom Rack HC |
| scaqa103adm0506 | Image-KVM-QinQ-NAT-SSH-X8 | OSS_MAIN_LINUX.X64_240613 | run : 7.69 hrs | Image+Oeda | daily_run | 100.70.66.55 | X8M-2 Elastic Rack HC 14TB |
| scaqa11adm0506 | Image-OVM-IB-X8 | | blocked | Image+Oeda | enabled | 10.32.18.3 | X8-2 Quarter Rack HC 14TB |
| scaqa11adm0102 | Image-KVM-QinQ-ISO-X8 | | run : 7.69 hrs | Image+Oeda | daily_run | 100.70.110.36 | X8M-2 Elastic Rack HC 14TB |
| scaqac04c1adm0709 | Image-KVM-AMD-X9 | OSS_MAIN_LINUX.X64_240613 | blocked | Image+Oeda | enabled | 100.70.110.36 | X9M- Elastic AMD Compute(2clu) |
| scaqa17adm0506 | Image-KVM-SingleRAC-DB-X10 | OSS_MAIN_LINUX.X64_240613 | run : 7.62 hrs | Image+Oeda | daily_run | 10.32.18.5 | X10M-2 22TB HC(4clu) |
| scaqa102adm0102 | Image-KVM-Exc-X10 | | blocked | Image+Oeda | enabled | 100.70.66.55 | X10M-2 Exadata X10M 1.5TB EF |
| scaqa102adm0102 | Image-KVM-OLDOUEST-X10 | OSS_MAIN_LINUX.X64_240613 | run : 3.26 hrs | Image+Oeda | daily_run | 100.70.66.55 | X10M-2 Exadata X10M 1.5TB EF |
| scaqa110adm0102 | Image-BareMetal-X10 | | idle | Image+Oeda | enabled | 10.32.18.3 | X10M-2 22TB HC |
| scaqa01adm0708 | Upgrade-KVM-Eighth-NAT-X9 | | blocked | Upgrade | enabled | 100.70.69.118 | X9M-2 1/8th Rack HC 14TB |
| scaqa01adm0708 | Image-KVM-Eighth-NAT-X9 | OSS_MAIN_LINUX.X64_240613 | run : 2.72 hrs | Image+Oeda | daily_run | 100.70.69.118 | X9M-2 1/8th Rack HC 14TB |
| scaqa101adm0102 | Image-BareMetal-X8 | OSS_MAIN_LINUX.X64_240613 | run : 7.59 hrs | Image+Oeda | daily_run | 10.32.18.5 | X8-8 Elastic Rack EF |
| scaqa116-01adm056 | Image-KVM-Multi-Racks-X8 | OSS_MAIN_LINUX.X64_240613 | run : 3.09 hrs | Image+Oeda | daily_run | 100.70.103.182 | X8M-2 Elastic HC |
| scaqa01adm01-64 | Image-KVM-Exascale-X8 | | idle | Image+Oeda | enabled | 10.32.18.5 | X9M-2 Elastic Rack HC |
| scaqa09-sdm0708 | Image-KVM-CPS-1CU-X9 | | idle | Image+Oeda | disabled | 100.70.69.118 | X9-M2 Elastic Rack [2x3] |
| scaqa01adm0304 | Upgrade-KVM-QinQ-VLAN-X8 | | idle | Upgrade | enabled | 10.32.148.68 | X8M-2 Elastic Rack HC 14TB |
| scaqa07adm0102 | Upgrade-BareMetal-IB-X7 | | idle | Upgrade | enabled | 100.70.103.182 | X7-2 Quarter Rack EF 10TB |
| scaqa107adm0102 | Upgrade-BM-ROCE-X8 | | idle | Upgrade | disabled | 100.70.66.191 | X8M-8 Full Rack EF 6.4TB |
| scaqa01adm05678 | Image-KVM-Exc-EDV-X8 | | idle | Image+Oeda | disabled | 100.70.66.191 | X8M-2 HalfRack HC 14TB |
| scaqa06adm0506 | Upg-KVM-Exc-Cloud-ELU-Full-X9 | | blocked | Upgrade | enabled | 100.70.66.191 | X9M-2 Quarter Rack HC 18TB |
| scaqa06adm0506 | Upgrade-KVM-ELU-Full-X9 | OSS_MAIN_LINUX.X64_240613 | run : 1.52 hrs | Upgrade | daily_run | 100.70.66.191 | X9M-2 Quarter Rack HC 18TB |
| sca11101adm0102 | IMG-KVM-Exc-HYBRID-X10 | OSS_MAIN_LINUX.X64_240613 | run : 7.69 hrs | Image+Oeda | daily_run | 100.70.66.191 | X10-2 Quarter-Rack HC 18TB |
| scaqa03adm0506 | Upgrade-OVM-IB-PKEY-X7 | | idle | Upgrade | enabled | 100.70.103.182 | X7-2 Quarter Rack HC 10TB |
| scaqa10adm0304 | Upgrade-KVM-QinQ-X10 | | idle | Upgrade | enabled | 100.70.69.118 | X10M-2 22TB HC |
| scaqa111adm0102 | Upgrade-KVM-X10 | | idle | Upgrade | disabled | 100.70.103.182 | X10M-2 22TB HC |
| scaqa11adm0102 | Image-KVM-X10 | | idle | Image+Oeda | enabled | 100.70.103.182 | X10M-2 22TB HC |
| scaqa10adm0102 | Upgrade-BareMetal-X10 | | idle | Upgrade | enabled | 100.70.103.182 | X10M-2 22TB HC |
| scaqa02adm0708 | Upgrade-KVM-X9 | | idle | Upgrade | enabled | 10.32.18.3 | X9M-2 Elastic Rack HC |
| scaz23adm0102 | Upgrade-KVM-AMD-Rolling-X9 | OSS_MAIN_LINUX.X64_240613 | run : 3.19 hrs | Upgrade | daily_run | 10.32.148.68 | X9M- Elastic AMD Compute |
| scaz23adm0102 | Upgrade-KVM-AMD-UPG-SEO-X9 | | blocked | Upgrade | enabled | 10.32.19.93 | X9M- Elastic AMD Compute |

```
adei lknuyen_main 3 | [lknuyen@phoenix90405 sosd]$
```

Listing tests by the following categories, different options can be combined.

```
-image      List Image+Oeda tests
-upgrade    List upgrade tests
-enabled    List enabled tests
-disabled   List disabled tests
-running    List the tests that are running currently
-idle       List hardware that is idle
-ovm        List Image+Oeda OVM tests
-kvm        List Image+Oeda KVM tests
-bare_metal List Image+Oeda bare metal tests
```

i) Listing image+oeda tests

```
ade:[ dpant_main5 ] [dpant@slc10vau sosd]$
```

sh runallintegration.sh list -image

Host | View | RunStatus | Test | Status | Rack Prefix | OS Type | Hardware

ii) Listing OVM and KVM image+oeda tests

sh runallintegration.sh list -image -ovm

Host | View | RunStatus | Test | Status | Rack Prefix | OS Type | Hardware

slc14rue | gaubhatt_daily | idle | Image+Oeda | enabled | scaqai06 | ovm | X8-2 Quarter Rack HC 14TB
slc14rty | ksimmmons_daily | running | Image+Oeda | enabled | scaqae03 | ovm | X7-2 Quarter Rack HC 10TB

```
ade:[ dpant_main5 ] [dpant@slc10vau sosd]$
```

sh runallintegration.sh list -image -kvm

Host | View | RunStatus | Test | Status | Rack Prefix | OS Type | Hardware

slc10vau | dpant_daily3 | idle | Image+Oeda | disabled | scaqai14 | kvm | X8M-2 Elastic Rack HC 14TB

iii) Tests that are running currently

```
ade:[ dpant_main5 ] [dpant@slc10vau sosd]$
```

sh runallintegration.sh list -running

Host | View | RunStatus | Test | Status | Rack Prefix | OS Type | Hardware

den00olx | muraghav_daily | running | Image+Oeda | enabled | scaqai10 | bare_metal | X8M-2 Elastic Rack EF 6.4TB
slc14rty | ksimmmons_daily | running | Image+Oeda | enabled | scaqae03 | ovm | X7-2 Quarter Rack HC 10TB
den02tam | minlaw_daily | running | Upgrade | enabled | scaqab08 | ovm | X6-2 Quarter Rack EF 3.2TB

iv) Tests that are enabled.

```
ade:[ dpant_main5 ] [dpant@slc10vau sosd]$
```

sh runallintegration.sh list -enabled

| ade:[lknnguyen_main 3] [lknnguyen@phoenix98405 sosd]\$ runallintegration.sh list -enable | | | | | | | |
|--|--------------------------------|---------------------------|----------------|------------|-----------|----------------|---|
| Rack Name | Deployment Type | Run Info | Run Status | Test Type | Usage | Host | Hardware Model |
| scaqab08adm0506 | Image-BareMetal-IB-X8 | | blocked | Image+Oeda | enabled | 10.32.18.5 | X6-2 Quarter Rack EF 3.2TB |
| scaqab08adm0102 | Image-OVM-PKEY-X8 | | idle | Image+Oeda | enabled | 100.70.103.182 | X6-2 Quarter Rack EF 3.2TB |
| scaqai10adm0506 | Image-BareMetal-ROCE-X8 | jciminsk_bug-36717609 | run : 0.08 hrs | Image+Oeda | lknnguyen | 10.32.18.5 | X8M-2 Elastic Rack EF 6.4TB |
| scaqai10-scaqai12 | Image-KVM-Exascale-X8 | jciminsk_bug-36717609 | run : 0.93 hrs | Image+Oeda | lknnguyen | 100.70.69.118 | X8M-2 Elastic Rack EF 6.4TB(QinQ,MultiRack) |
| scaqap19adm01-04 | Image-KVM-Exc-EDV-X9 | | idle | Image+Oeda | disabled | 100.70.69.118 | Exadata X9M-2 Custom Rack HC |
| scaqan01adm0102 | Image-KVM-QinQ-NAT-SSH-X8 | OSS_MAIN_LINUX.X64_240613 | run : 7.92 hrs | Image+Oeda | daily_run | 100.70.66.55 | X8M-2 Elastic Rack HC 14TB |
| scaqai03adm0506 | Image-OVM-IB-X8 | | blocked | Image+Oeda | enabled | 10.32.18.3 | X8-2 Quarter Rack HC 14TB |
| scaqai14adm0102 | Image-KVM-QinQ-ISO-X8 | OSS_MAIN_LINUX.X64_240613 | run : 7.92 hrs | Image+Oeda | daily_run | 100.70.110.36 | X8M-2 Elastic Rack HC 14TB |
| scaqac04ce1adm0709 | Image-KVM-AMD-X9 | | blocked | Image+Oeda | enabled | 100.70.110.36 | X9M- Elastic AMD Compute(2clu) |
| scaqat17adm0506 | Image-KVM-SingleRAC-DB-X10 | OSS_MAIN_LINUX.X64_240613 | run : 7.85 hrs | Image+Oeda | daily_run | 10.32.18.5 | X10M-2 22TB HC(4clu) |
| scaqat02adm0102 | Image-KVM-Exc-X10 | | blocked | Image+Oeda | enabled | 100.70.66.55 | X10M-2 Exadata X10M 1.5TB EF |
| scaqat02adm0102 | Image-KVM-OLDQUEST-X10 | OSS_MAIN_LINUX.X64_240613 | run : 3.48 hrs | Image+Oeda | daily_run | 100.70.66.55 | X10M-2 Exadata X10M 1.5TB EF |
| scaqat10adm0102 | Image-BareMetal-X10 | | idle | Image+Oeda | enabled | 10.32.18.3 | X10M-2 22TB HC |
| scaqap01adm0708 | Upgrade-KVM-Eighth-NAT-X9 | | blocked | Upgrade | enabled | 100.70.69.118 | X9M-2 1/8th Rack HC 14TB |
| scaqap01adm0708 | Image-KVM-Eighth-NAT-X9 | OSS_MAIN_LINUX.X64_240613 | run : 2.95 hrs | Image+Oeda | daily_run | 100.70.69.118 | X9M-2 1/8th Rack HC 14TB |
| scaqai01adm0102 | Image-BareMetal-X8 | OSS_MAIN_LINUX.X64_240613 | run : 7.82 hrs | Image+Oeda | daily_run | 10.32.18.5 | X8-8 Elastic Rack EF |
| scaqan16-01adm0506 | Image-KVM-Multi-Racks-X8 | OSS_MAIN_LINUX.X64_240613 | run : 3.32 hrs | Image+Oeda | daily_run | 100.70.103.182 | X8M-2 Elastic HC |
| scaqap10adm01-04 | Image-KVM-Exascale-X9 | | idle | Image+Oeda | enabled | 10.32.18.5 | X9M-2 Elastic Rack HC |
| scaqar09-adm708 | Image-KVM-CPS-1clu-X9 | | idle | Image+Oeda | disabled | 100.70.69.118 | X9-M2 Elastic Rack (2x3) |
| scaqan01adm0304 | Upgrade-KVM-QinQ-VLAN-X8 | | idle | Upgrade | enabled | 10.32.148.68 | X8M-2 Elastic Rack HC 14TB |
| scaqah07adm0102 | Upgrade-BareMetal-IB-X7 | | idle | Upgrade | enabled | 100.70.103.182 | X7-2 Quarter Rack EF 6.4TB |
| scaqaj07adm0102 | Upgrade-BM-ROCE-X8 | | idle | Upgrade | disabled | 100.70.66.191 | X8M-8 Full Rack EF 6.4TB |
| scaqan01adm05078 | Image-KVM-Exc-EDV-X8 | | idle | Image+Oeda | disabled | 100.70.66.191 | X8M-2 HalfRack HC 14TB |
| scaqar06adm0506 | Upgr-KVM-Exc-Cloud-ELU-Full-X9 | | blocked | Upgrade | enabled | 100.70.66.191 | X8M-2 Quarter Rack HC 18TB |
| scaqar06adm0506 | Upgrade-KVM-ELU-Full-X9 | OSS_MAIN_LINUX.X64_240613 | run : 1.75 hrs | Upgrade | daily_run | 100.70.66.191 | X9M-2 Quarter Rack HC 18TB |
| sca1101adm0102 | IMG-KVM-Exc-HYBRID-X10 | OSS_MAIN_LINUX.X64_240613 | run : 7.92 hrs | Image+Oeda | daily_run | 100.70.66.191 | X10-2 Quarter-Rack HC 18TB |
| scaqae03adm0506 | Upgrade-OVM-IB-PKEY-X7 | | idle | Upgrade | enabled | 100.70.103.182 | X7-2 Quarter Rack HC 10TB |
| scaqat10adm0304 | Upgrade-KVM-QinQ-X10 | | idle | Upgrade | enabled | 100.70.69.118 | X10M-2 22TB HC |
| scaqat11adm0102 | Upgrade-KVM-X10 | | idle | Upgrade | disabled | 100.70.103.182 | X10M-2 22TB HC |
| scaqat11adm0102 | Image-KVM-X10 | | idle | Image+Oeda | enabled | 100.70.103.182 | X10M-2 22TB HC |
| scaqat10adm0102 | Upgrade-BareMetal-X10 | | idle | Upgrade | enabled | 100.70.103.182 | X10M-2 22TB HC |
| scaqar02adm0708 | Upgrade-KVM-X9 | | idle | Upgrade | enabled | 10.32.18.3 | X9M-2 Elastic Rack HC |
| scaz33adm0102 | Upgrade-KVM-AMD-Rolling-X9 | OSS_MAIN_LINUX.X64_240613 | run : 3.42 hrs | Upgrade | daily_run | 10.32.148.68 | X9M- Elastic AMD Compute |
| scaz33adm0102 | Upgrade-KVM-AMD-UPG-500-X9 | | blocked | Upgrade | enabled | 10.32.19.93 | X9M- Elastic AMD Compute |

Running tests from a user transaction

Upload transaction binaries to shared server before running any tests

(in oss/test/tsage/sosd/)

./runallintegration.sh upload

```
ade:[ lknghuyen_monitor1 ] [lknghuyen@phoenix90405 sosd]$ runallintegration.sh upload
[Thu Jun 13 19:45:33 UTC 2024][INFO] Copying imaging/upgrade bits from transaction lknghuyen gen rpt2 to shared server
```

Only those tests will be initiated that are enabled in runtable and if the hardware is idle when the script is run.

```
ade:[ dpant_main5 ] [dpant@slc10vau sosd]$ sh runallintegration.sh runtest

Summary of tests in Nightly Integration Run
User submissions will apply to tests enabled in runtable and for idle hardware

Host      | View      | RunStatus | Test      | Status  | Rack Prefix | OS Type  | Hardware
-----|-----|-----|-----|-----|-----|-----|-----
slc10vau  | dpant_daily3 | idle      | Image+Oeda | disabled | scaqai14   | kvm      | X8M-2 Elastic Rack HC 14TB
slc10vau  | dpant_daily1 | idle      | Image+Oeda | enabled  | scas15     | bare_metal | X5-2 Quarter Rack EF 1.6TB
slc14rue  | gaubhatt_daily | idle      | Image+Oeda | enabled  | scaqai06   | ovm      | X8-2 Quarter Rack HC 14TB
slc10ulf  | anpereir_daily | idle      | Image+Oeda | disabled | scaqaj05   | bare_metal | X8M-8 Full Rack EF 6.4TB
den00olx  | muraghav_daily | running   | Image+Oeda | enabled  | scaqai10   | bare_metal | X8M-2 Elastic Rack EF 6.4TB
slc14rty  | ksimmmons_daily | running   | Image+Oeda | enabled  | scaqae03   | ovm      | X7-2 Quarter Rack HC 10TB
den02tam  | minlaw_daily | running   | Upgrade    | enabled  | scaqab08   | ovm      | X6-2 Quarter Rack EF 3.2TB
den01cbn  | cpabba_daily | idle      | Upgrade    | enabled  | scaqae12   | bare_metal | X7-2 Quarter Rack EF 6.4TB
slc10vau  | dpant_daily | idle      | Upgrade    | enabled  | scaqai10   | bare_metal | X8M-2 Elastic Rack EF 6.4TB

Initiating the following tests and sending mail
[Thu Oct 24 08:22:39 PDT 2019][INFO] Initiating Image+Oeda tests on slc10vau with user dpant from transaction dpant_user_jobs

[Thu Oct 24 08:22:39 PDT 2019][INFO] Initiating Image+Oeda tests on slc14rue with user gaubhatt from transaction dpant_user_jobs

[Thu Oct 24 08:22:39 PDT 2019][INFO] Initiating Upgrade tests on den01cbn with user cpabba from transaction dpant_user_jobs

[Thu Oct 24 08:22:39 PDT 2019][INFO] Initiating Upgrade tests on slc10vau with user dpant from transaction dpant_user_jobs

ade:[ dpant_main5 ] [dpant@slc10vau sosd]$
```

Running tests by the following categories, different options can be combined.

-txn_name Transaction from which imaging/upgrade bits are picked up
If not defined will use the transaction from which script is run.

If comma-separated list of txns grab all, resolve conflicts if possible

& build image before running tests.

-image Run Image+Oeda tests

-upgrade Run upgrade tests

-base_label Used with -upgrade, defines label from which upgrade is run
Set to disable if target hardware is setup for upgrade and reimage+oeda is not required,
set to default to reimage all envs to default base image before deploying oeda.

-nooeda In Image+Oeda tests run only image and not OEDA

-computes In Image+Oeda tests run image only on compute nodes

-guests In Image+Oeda OVM or KVM tests run image only on compute nodes and deploy guests

-view Run tests for only specified view(s),Comma separated list of views

-deploy Run tests for specified deployment type(s), comma separated list of deployment types

Examples

Running image and upgrade tests(from current view, user transaction or multiple user transactions)

a) Running all image and upgrade tests using the bits from the current view.

```
sh runallintegration.sh runtest -base_label default -dbpatch_loc view
```

b) Running all image and upgrade tests using the bits from a transaction

```
sh runallintegration.sh runtest -base_label default -txn_name jciminsk_bug-30879614 -dbpatch_loc view
```

c) Running all image and upgrade tests using the bits from multiple transactions.

In case a comma-separated list of transactions is passed to the script, the script will try to grab all transactions to the view. In case there are unresolved merge conflicts then the grabbed transaction will be backed out. Once all the transactions with resolved conflicts are grabbed into the view the image will be build before kicking off any tests.

Multiple transactions (DaTrain/Shared txns)

```
sh runallintegration.sh runtest -base_label default -txn_name jciminsk_bug-30879614, ksimmons_bug-30772257
```

Running image and upgrade tests on certain hardware/configuration from the list

To selectively run image or upgrade tests from the list use the -view option(in case a particular test failed and it needs to be rerun or if the hardware was busy when the tests were run and test needs to be kicked off when the hardware becomes free)

```
sh runallintegration.sh runtest -base_label default -view minlaw_daily,dpant_daily -dbpatch_loc view
```

```
sh runallintegration.sh runtest -base_label default -txn_name jciminsk_bug-30879614 -view minlaw_daily,dpant_daily -dbpatch_loc view
```

```
sh runallintegration.sh runtest -image -view anpereir_daily2
```

```
sh runallintegration.sh runtest -image -deploy Image-KVM-Exc-X10
```

```
ade:[lknnguyen_main_3] [lknnguyen@phoenix90405 sosed]$ ./runallintegration.sh runtest -txn_name jciminsk_bug-36717609 -deploy Image-BareMetal-ROCE-X8 -mail lan.nguyen@oracle.com,john.ciminski@ora
cle.com
[Thu Jun 13 20:00:29 UTC 2024][INFO] Validating transaction jciminsk_bug-36717609
[Thu Jun 13 20:00:32 UTC 2024][INFO] jciminsk_bug-36717609 is a valid transaction
[Thu Jun 13 20:00:33 UTC 2024][INFO] TXN_NAME=jciminsk_bug-36717609
[Thu Jun 13 20:00:33 UTC 2024][INFO] Checking imaging/upgrade bits from transaction jciminsk_bug-36717609 are copied to shared server
[Thu Jun 13 20:00:34 UTC 2024][INFO] TXN_OS=ol8
[Thu Jun 13 20:00:34 UTC 2024][INFO] Checking that build on shared server matches with current build in transaction
[Thu Jun 13 20:00:37 UTC 2024][INFO] Acquire lock for runallintegration submission..will wait if another instance is detected

Summary of tests in Nightly Integration Run
User submissions will apply to tests enabled in runtable and for idle hardware

Rack Name | Deployment Type | Run Info | Run Status | Test Type | Usage | Host | Hardware Model
scaqaill0adm0506 | Image-BareMetal-ROCE-X8 | | idle | Image+Oeda | enabled | 10.32.18.5 | X8M-2 Elastic Rack EP 6.4TB

Initiating the following tests and sending mail
[Thu Jun 13 20:01:00 UTC 2024][INFO] Initiating Image+Oeda tests on 10.32.18.5 with user lknnguyen from transaction jciminsk_bug-36717609
[Thu Jun 13 20:01:10 UTC 2024][INFO] Forked process with PID 4006331 in background to monitor running tasks
[Thu Jun 13 20:01:10 UTC 2024][INFO] Sending mail to default,lan.nguyen@oracle.com,john.ciminski@oracle.com
ade:[lknnguyen_main_3] [lknnguyen@phoenix90405 sosed]$
```

Running only Image+Oeda tests

```
sh runallintegration.sh runtest -image
```

```
sh runallintegration.sh runtest -image -ovm (only on hw configured for OVM Image/OEDA tests)
```

```
sh runallintegration.sh runtest -image -kvm (only on hw configured for KVM Image/OEDA tests)
```

Running only Image

```
sh runallintegration.sh runtest -image -nooeda
```

Running only upgrade

```
sh runallintegration.sh runtest -upgrade -base_label <label name/ disable / default>
```

The script will first reimage to -base_label and deploy OEDA before running upgrade. Use **default** for using default base image for upgrade on different envs as the base image version may vary to provide greater coverage for upgrade.

i) If the hardware is already at a state where upgrade can be run directly set -base_label disable. Please note that this applies to all environments on which upgrade will be run so make sure that all envs are prepared for upgrade.

ii) If using a label name e.g OSS_19.2.0.0.0_LINUX.X64_RELEASE please note that upgrade run may fail on certain envs as the oeda xml for a given hardware may not be compatible with the label. For e.g. for scaqab08 hardware in nightly runs the hardware is configured on 18.1.12 image version with a 18.7 GI/DB, this will not work with a label like OSS_19.2.0.0.0_LINUX.X64_RELEASE.

Running only computes Image

```
sh runallintegration.sh runtest -image -computes (reimages computes on all hw configured for Image/OEDA tests)
```

```
sh runallintegration.sh runtest -image -computes -ovm (reimages computes on all hw configured for OVM Image/OEDA tests)
```

sh runallintegration.sh runtest -image -computes -kvm (reimages computes on all hw configured for KVM Image/OEDA tests)

Running only computes Image and deploying guests

sh runallintegration.sh runtest -image -guests (reimages computes on all hw configured for OVM/KVM and run OEDA to create guests)

sh runallintegration.sh runtest -image -guests -ovm (reimages computes on all hw configured for OVM and run OEDA to create guests)

sh runallintegration.sh runtest -image -guests -kvm (reimages computes on all hw configured for KVM and run OEDA to create guests)

Aborting a test that is running in the daily lable runallintegration

Go into an OSS_MAIN view, cd oss/test/tsage/sosd

sh runallintegration.sh abort -label | -txn_name -deploy deployment_type

sh runallintegration.sh abort -label | -txn_name -view view_name

Restarting a label run on a view

note the view name

ssh to the hostIP

example 100.70.110.36

sudo -s

cd /scratch/<userID>/image_oeda_upgrade_logs/<viewname above>/markers

and remove the <label>_aborted or <label>_failed or <label>_passed

Watch out for the email that says the integration restarted

Testing

Ran several rounds of tests to run different combinations of tests

Verified that all changes made do not introduce regressions in nightly label run

Verified all changes by a complete integration run on 191024 label