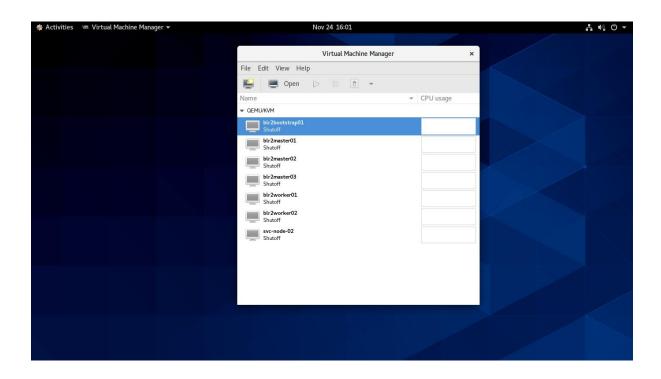
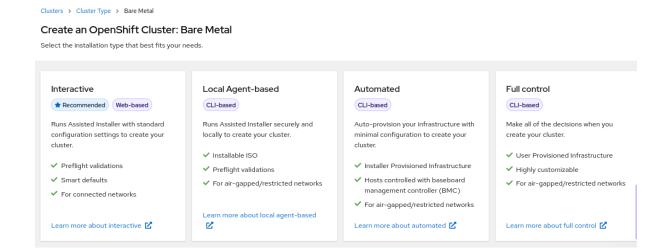
Step-01-

Design & build KVM-QMU VMs for OpenShift installation version 4.10 (Repository/Required software/Network Setup etc).



Step-02

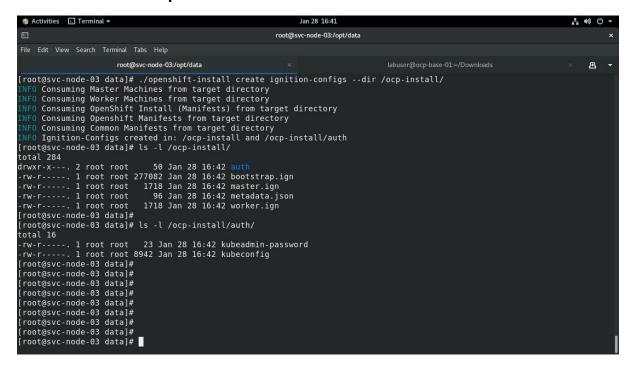
Here we are taking UPI method as it provide more controle and customization.

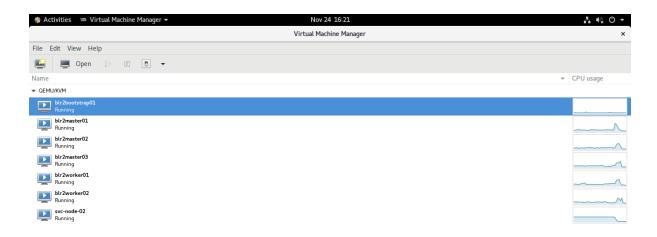


Start all VMs (1 bootstrap, 3 master, 2+ workers nodes) and provide required resources.

Creating resource manifests for Red Hat OpenShift installation.

Creating ignition files and from ignition files automatically OpenShift installation further proceed.

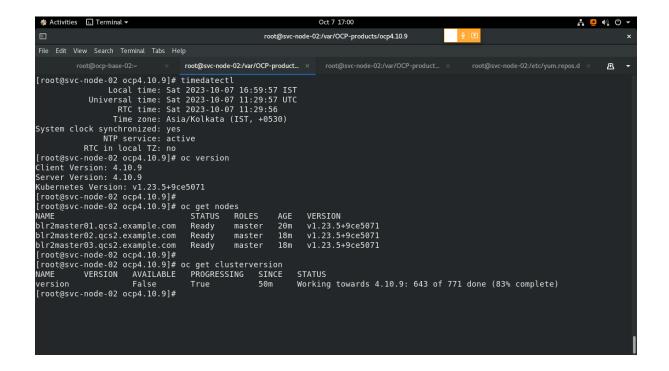




Bootstraping-process-completed

```
Jul 12 22:55
                                                                      root@svc-node-02:/ocp-install
 File Edit View Search Terminal Tabs Help
                                                                 root@svc-node-02:/ocp-install
                                                                                                                  root@svc-node-02:/ocp-install/auth
                                                                                                                                                             Æ
[root@svc-node-02 ocp-install]# /var/OCP-products/openshift-install --dir /ocp-install wait-for bootstrap-complete --log-l
DEBUG OpenShift Installer 4.10.34
DEBUG Built from commit 47603b4241dd93b1230809b65c75ba4e4c912a3d
 NFO Waiting up to 20m0s (until 11:01PM) for the Kubernetes API at https://api.qcs2.example.com:6443...
DEBUG Loading Install Config...
         Loading SSH Key...
Loading Base Domain...
DEBUG
DEBUG
          Loading Platform...
Loading Cluster Name...
Loading Base Domain...
Loading Platform...
DEBUG
DEBUG
DEBUG
DEBUG
DEBUG
          Loading Networking...
         Loading Platform...
Loading Pull Secret...
Loading Platform...
DEBUG
DEBUG
DERIIG
DEBUG Using Install Config loaded from state file
INFO Waiting up to 30m0s (until 11:11PM) for bootstrapping to complete...
DEBUG Bootstrap status: complete
INFO It is now safe to remove the bootstrap resources
DEBUG Time elapsed per stage:
DEBUG Bootstrap Complete: 8m25s
 INFO Time elapsed: 8m25s
[root@svc-node-02 ocp-install]#
[root@svc-node-02 ocp-install]#
[root@svc-node-02 ocp-install]#
[root@svc-node-02 ocp-install]#
```

Red Hat OpenShift installation (Version 4.10) process going on.



Red Hat OpenShift Version 4.10 cluster (3 master/2 worker) successful completed.

