To Install RHEV-M on RHEL 7.8

**Server Details**

Server IP : 192.168.4.151

Hostaname : rhv.manager.com (Should be FQDN and resolve the IP)

OS : Red Hat Enterprise Linux Server release 7.8 (Maipo)

**Hardware Details**

Disk Space : 30 GB

RAM : 4 GB

**Step : 1**

First we need to login the Redhat Portal on browser and had to subscribe the services for RHEV-M.

Below are 2 mandatory services we need to subscribe to install RHEV-M

1. [60 Day Supported Red Hat Virtualization (2-socket) Evaluation](https://access.redhat.com/management/subscriptions/product/RV0289446)
2. [Red Hat Virtualization Manager](https://access.redhat.com/management/subscriptions/product/RV00045)

**Step : 2**

After that we have to register our server on Redhat network by using below cmd to use the redhat repositories.

#Subscription-manager register

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      [root@rhv ~]# subscription-manager register  
      Registering to: [subscription.rhsm.redhat.com:443/subscription](http://subscription.rhsm.redhat.com:443/subscription)  
      Username: vinesh649  
      Password: \*\*\*\*\*\*\*\*\*\*\*  
      The system has been registered with ID: 1d097586-ca99-4bad-b3d7-22834871f20e  
      [root@rhv ~]#

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**Step : 3**

Once you registered your server, you can see the available services which were subscribed by you previously in redhat portal. In that available services, you need to subscribe particular services which you want to install on the server.  To subscribe from server, use below cmd

#subscription-manager subscribe --pool=”Particular Service Pool ID”

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[root@rhv ~]# subscription-manager subscribe --pool=8a85f99a70d04e790170f16640ca0baa  
Successfully attached a subscription for: 60 Day Supported Red Hat Virtualization (2-socket) Evaluation  
[root@rhv ~]#  
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[root@rhv ~]# subscription-manager subscribe --pool=8a85f99c70d0557f0170f16891c00bc0  
Successfully attached a subscription for: Red Hat Virtualization Manager  
[root@rhv ~]#  
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So, Once you subscribed the services. You can enable the needed repositories which are required to install RHEV-M package.

**Step : 4**

The below repositories are need to enable to install RHEV-M

rhel-7-server-rpms

rhel-7-server-supplementary-rpms

rhel-7-server-rhv-4.2-manager-rpms

rhel-7-server-rhv-4-manager-tools-rpms

rhel-7-server-ansible-2-rpms

jb-eap-7-for-rhel-7-server-rpms

To enable this repos, run the below cmd

**#subscription-manager repos --disable='\*' --enable=rhel-7-server-rpms --enable=rhel-7-server-supplementary-rpms --enable=rhel-7-server-rhv-4.2-manager-rpms --enable=rhel-7-server-rhv-4-manager-tools-rpms --enable=rhel-7-server-ansible-2-rpms --enable=jb-eap-7-for-rhel-7-server-rpms**

Once you enabled the repo, you can confirm the enabled repo by using below cmd

#yum repolist

**Step : 5**

After enabled the repo, To ensure all packages are up to date, run the following command on the server

#Yum update

Then reboot the machine if any kernel related packages have been updated.

**Step : 6**

Then install the RHEV-Management Package by using below cmd.

#yum install rhvm

After the successful installation, we need to configure the RHEV-M to server by using below cmd

**#engine-setup**

The above cmd will ask some questions to configure RHEV-M on the server. I gave the default suggested options to configure.

Once the configuration has been completed, we can load RHEV-M administrator portal by using below URL

<https://rhv.manager.com/ovirt-engine/sso/login.html>