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Red Hat / CentOS Linux Install Cluster Suite Software

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Q. How do I install Cluster Suite software on CentOS Linux 5 IBM server for testing purpose?

A. CentOS Linux and RHEL 5 server has cluster suite software from Red Hat and it can be installed easily using yum command or GUI installation utility.

Red Hat Cluster Suite is a collection of technologies working together to provide data integrity and the ability to maintain application availability in the event of a failure.



[1]

[2]

Login as the root and type the following command:

```
# yum groupinstall Clustering
```

Sample output:

```
Loading "installonlyn" plugin
Loading "security" plugin
Setting up Group Process
Setting up repositories
Setting up repositories
Reading repository metadata in from local files
Resolving Dependencies
--> Populating transaction set with selected packages. Please wait.
---> Package piranha.i386 0:0.8.4-7.el5 set to be updated
---> Package modcluster.i386 0:0.10.0-5.el5.centos set to be updated
---> Package ricci.i386 0:0.10.0-6.el5.centos.1 set to be updated
---> Package luci.i386 0:0.10.0-6.el5.centos.1 set to be updated
---> Package system-config-cluster.noarch 0:1.0.50-1.3 set to be updated
---> Package ipvsadm.i386 0:1.24-8.1 set to be updated
---> Package cluster-cim.i386 0:0.10.0-5.el5.centos set to be updated
---> Package cluster-snmp.i386 0:0.10.0-5.el5.centos set to be updated
---> Package rgmanager.i386 0:2.0.31-1.el5.centos set to be updated
--> Running transaction check
--> Processing Dependency: cman >= 2.0.71-1 for package: rgmanager
--> Processing Dependency: libcman.so.2 for package: rgmanager
--> Processing Dependency: tog-pegasus for package: cluster-cim
--> Processing Dependency: libnetsnmp.so.10 for package: cluster-snmp
--> Processing Dependency: libdlm.so.2 for package: rgmanager
--> Processing Dependency: net-snmp for package: cluster-snmp
--> Restarting Dependency Resolution with new changes.
--> Populating transaction set with selected packages. Please wait.
---> Package net-snmp.i386 1:5.3.1-19.el5_1.4 set to be updated
---> Package tog-pegasus.i386 2:2.6.1-2.el5_1.1 set to be updated
---> Package cman.i386 0:2.0.73-1.el5_1.1 set to be updated
---> Package net-snmp-libs.i386 1:5.3.1-19.el5_1.4 set to be updated
--> Running transaction check
--> Processing Dependency: libSaCkpt.so.2 for package: cman
--> Processing Dependency: libcpkg.so.2(OPENAIS_CPG_1.0) for package: cman
--> Processing Dependency: perl(Net::Telnet) for package: cman
--> Processing Dependency: openais for package: cman
--> Processing Dependency: libcpkg.so.2 for package: cman
--> Processing Dependency: libSaCkpt.so.2(OPENAIS_CKPT_B.01.01) for package: cman
--> Processing Dependency: libsensors.so.3 for package: net-snmp
--> Restarting Dependency Resolution with new changes.
--> Populating transaction set with selected packages. Please wait.
---> Package openais.i386 0:0.80.3-7.el5 set to be updated
```

```

---> Package lm_sensors.i386 0:2.10.0-3.1 set to be updated
---> Package perl-Net-Telnet.noarch 0:3.03-5 set to be updated
--> Running transaction check

```

Dependencies Resolved

```

=====
Package                Arch      Version              Repository           Size
=====
Installing:
cluster-cim            i386      0.10.0-5.el5.centos base                167 k
cluster-snmp           i386      0.10.0-5.el5.centos base                161 k
ipvsadm                i386      1.24-8.1             base                 31 k
luci                    i386      0.10.0-6.el5.centos.1 base                25 M
modcluster             i386      0.10.0-5.el5.centos base                328 k
piranha                i386      0.8.4-7.el5          base               708 k
rgmanager              i386      2.0.31-1.el5.centos base                230 k
ricci                  i386      0.10.0-6.el5.centos.1 base               1.1 M
system-config-cluster  noarch    1.0.50-1.3           base                286 k
Installing for dependencies:
cman                   i386      2.0.73-1.el5_1.1     updates            426 k
lm_sensors             i386      2.10.0-3.1           base               494 k
net-snmp               i386      1:5.3.1-19.el5_1.4   updates            701 k
net-snmp-libs          i386      1:5.3.1-19.el5_1.4   updates            1.2 M
openais                i386      0.80.3-7.el5         base               364 k
perl-Net-Telnet        noarch    3.03-5               base                56 k
tog-pegasus            i386      2:2.6.1-2.el5_1.1    updates            6.3 M

```

Transaction Summary

```

=====
Install      16 Package(s)
Update       0 Package(s)
Remove       0 Package(s)

```

Total download size: 38 M
Is this ok [y/N]: **y**

For configuration information refer to CentOS / RHEL cluster suite documentation [here](#) ^[3].

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