

Installing Vertica cluster on RHEL

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1. First please go through “*Installing single-node Vertica on RHEL*”
http://www2.cs.uh.edu/~yzhang/ref/vertica_install_single.pdf from step 1 to 8.

2. Stop iptables service and disable it from starting in the future:

```
service iptables stop
chkconfig iptables off
```

3. Configure SSH password-less connection between each node.

This should be done automatically by the installation script, however I will include the following instructions just in case we have to do it manually:

First generate a private key/public key pair by:

```
ssh-keygen -t rsa
```

The keys will be stored under `~/.ssh`. Copy the file `id_rsa.pub` onto the file `authorized_keys2`:

```
cp id_rsa.pub authorized_keys2.
```

Then make the directory and files only readable and writable by yourself:

```
chmod 700 ~/.ssh
chmod 600 ~/.ssh/*
```

For each cluster host, copy the keys using `scp` command:

```
scp -r ~/.ssh <host>:.
```

4. Download the Vertica install package, I have put it in <http://www2.cs.uh.edu/~dbms/vertica.rpm>.

5. Install the package by the command:

```
rpm -Uvh [pathname]
```

6. Run `/opt/vertica/sbin/install_vertica`

The parameters are covered in the guide page 35, here I give the example as:

```
/opt/vertica/sbin/install_vertica -s Vertica1,Vertica2
```