

## Linux Commands Useful in a Cisco Video Surveillance Manager Environment

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These are some useful Linux commands that are handy when working with SLES 10, SP1 and the Cisco Video Surveillance Manager Software.

**Note:** Please use CAUTION when using these commands. Understand the commands you are using to avoid damage to your system. IF you do not understand these commands, do not use them.

### rpm Commands

```
# rpm -qa | grep Cisco
    ; What Cisco Packages are installed on this system?

# rpm -e Cisco_VSVM
    ; Remove the Cisco_VSVM package only

# rpm -ivh Cisco_*.rpm
    ; Install all the "Cisco_" packages, checking for dependencies

# rpm -qa | grep Cisco | xargs rpm -e
    ; Remove all the Cisco Packages, one by one
```

### mysql Commands

```
# mysqldump -u root -p[password] [db_name] > dumpfilename.sql
    ; Dump the mysql Database for backup purpose or offline storage

# mysql -u root -p[password] < dumpfilename.sql
    ; Restore the DB backup

# mysql -u root -p < /usr/BWhttpd/bas/db/mysql-create-6.3.0.sql
    ; Create a new 6.3.0 database. This will erase any old config
    ; and make a new, empty database

# bash /usr/BWhttpd/vsom_be/db/database_create.sh
    ; Use this shell script from 6.3+ systems to create a new DB
```

### unzip Command:

```
# mkdir vsm-6.3.1
# unzip Cisco_VSOM-6.3.1-xx-xxxx.zip -d vsm-6.3.1
```

### System Services:

```
# /etc/init.d/cisco start | restart | stop | status
# /etc/init.d/mysql start | restart | stop | status
```

## Backup and Restore

Backup the VSOM and VSMS from the Web GUI under the <http://<server>/vsmc> page

```
# /etc/init.d/cisco stop ; Stop the Cisco Services
```

## VSOM Restore

```
# /usr/BWhttpd/bin/vsom_backup_restore VSOM_psbu-dev03_backup_20100128164352.tar.gz
```

## VSMS Restore

```
# tar -Pxf VSMS_PST_backup_20070327153851.tar
```

```
# /etc/init.d/cisco start ; Start the Cisco Services
```

## Network Interface:

```
# ifconfig ; show all network interfaces
```

```
# ethtool eth0 ; show the parameters and status of eth0
```

## Disk Space:

```
# df -h ; Show space on all partitions
```

```
# du -xhs /* | egrep [0-9.] + [MG] | sort -n ; Show directories sorted by size
```

## Support Report

```
# support-report ; Download from http://<server>/download
```

## Logs

```
# cd /usr/BWhttpd/logs
```

```
# tail -f ims.log ; show real time log generation in ims.log
```

## Time

```
# date ; Show system date and time
```

```
# hwclock --show ; show the hardware clock time
```

```
# hwclock --set --date="9/22/96 16:45:05" ; if hardware clock is off
```