

# Cisco Server Recovery

## Usage Instructions

You can use the Recovery Disk to try to recover a system when a system is completely unrecoverable in all other ways.

When you boot the server from the Recovery Disk, you are presented with the options shown in Table 1.

## Recovery Disk Menu Options

Table 1

Option	Description
[S][s]	Swap the active and inactive partitions. This option only appears if a valid inactive partition exists.  <b>Note:</b> Do not use the Recovery Disk to switch to a newly upgraded partition for the very first time.
[C][c]	Clear/wipe out the system (see “Other Instructions / Notes / Troubleshooting” below).
[F][f]	Check and automatically correct disk file systems. (see “Other Instructions / Notes / Troubleshooting” below)
[V][v]	Verify the disk partitioning layout.
[A][a]	Align the disk partitions of a virtual machine. Not supported for customers use, this option is only used in the creation of OVAs.
[Q][q]	Quit this recovery disk program. You must use this option to quit before the recovery CD can be ejected.

## Recover Server

To use the Recovery Disk, perform the following procedure:

### Procedure

- a) Insert the Recovery Disk and restart the system so that it boots from the CD. Once the server completes the boot sequence, the Recovery menu displays.
- b) Select the appropriate option from Table 1.
- c) Select the **Q** option to quit the Recovery Disk program. You are then able to eject the recovery CD.

## Other Instructions / Notes / Troubleshooting

- The "C" option replaces the "W" option, and performs the same task that "W" used to perform—it clears/wipes out the hard disks.
- The "C" option is especially useful for customers who have 7825/28-H3 servers running with a Release 8.6 (or higher) version of SWRAID. These customers can perform a fresh install of any version of pre-8.6 Unified CM by booting their systems with the 8.6 (or higher) version of the Recovery Disk. They must then select option "C" to clear/wipe out the system.
- The "F" option will attempt to fix all file system problems, but it may not fix corruptions every time and may even further corrupt the file system in rare cases. Therefore, having a DRS backup is vital.

**Important:** It is strongly recommended – following the use of the "F" option – that you perform a server re-image and restore from backup.

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