

# User's Guide

## SonicWALL CDP 6080/5040 Appliance 750GB Replacement Hard Drive Overview

The 750GB replacement hard drive can be inserted into any drive slot on your SonicWALL CDP 6080 or 5040 appliance. You can insert the drive while the SonicWALL CDP appliance is powered on.

The front bezel on the SonicWALL CDP appliance covers the drive slots. The bezel can be unlocked with the front bezel security key supplied with the appliance.

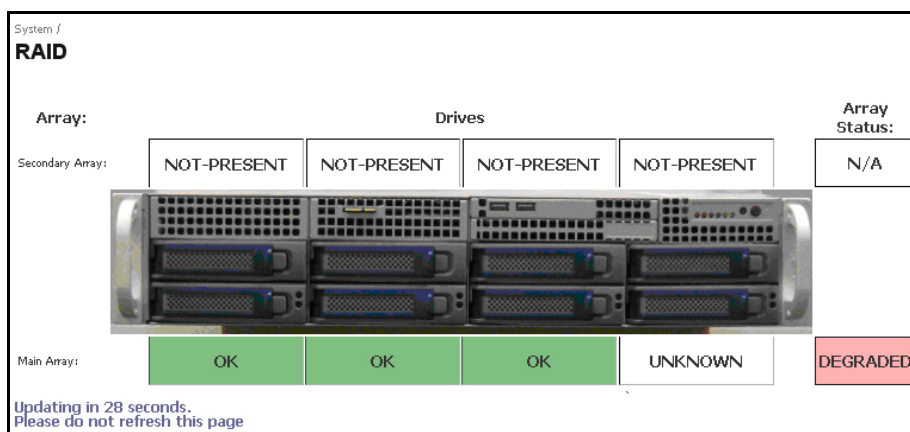
The Web management interface provides a graphical view of the hard drive array on the SonicWALL CDP appliance. The SonicWALL CDP 6080 has two arrays with four drive slots in each. The SonicWALL CDP 5040 has a single array of four drives. The best practice is to view the array on the **System > RAID** page during the replacement process.

## Removing the Defective Hard Drive from the SonicWALL CDP Appliance

To view the hard drive arrays and remove the defective drive from the SonicWALL CDP appliance, perform the following steps:

1. On your SonicWALL CDP appliance, use the front bezel key to unlock the front bezel, then remove the front bezel to expose the hard drive array.
2. In the Web management interface, navigate to the **System > RAID** page. The defective drive is indicated by a drive status box displaying a status such as:
  - **UNKNOWN**
  - **NOT SUPPORTED**
  - **NOT PRESENT**

You might see a different status than those listed, depending on the condition of the drive as interpreted by the RAID controller.



3. On the appliance, press the square button on the right side of the defective drive to pop out the drive handle.

**Warning:** Be careful to remove **only** the defective drive from the drive array while the appliance is powered on. Removing more than one drive from an active array will cause loss of data.

4. Grasp the drive handle and pull the drive straight out to remove it from the slot.

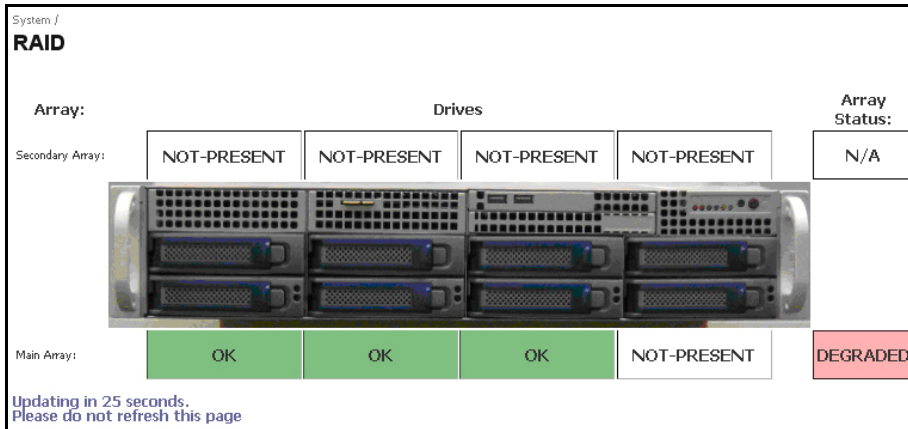
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## Inserting the Replacement Drive into the SonicWALL CDP Appliance

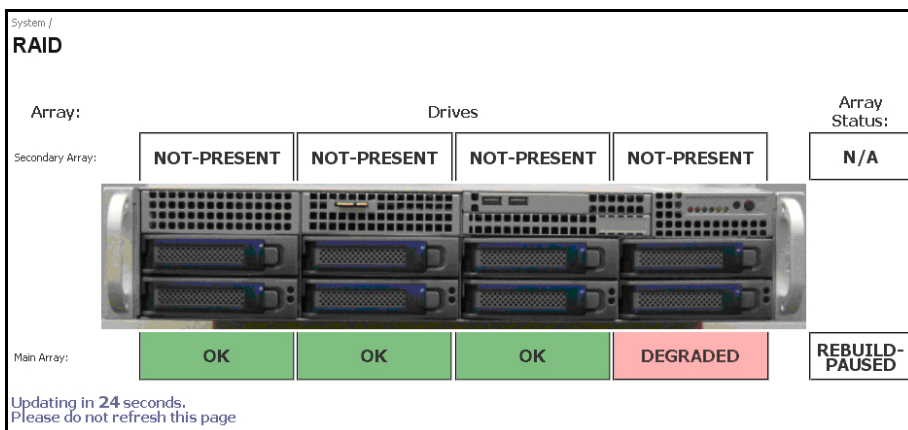
**Warning:** Do not insert anything other than the SonicWALL approved hard drive into the SonicWALL CDP appliance.

To view the hard drive array and insert the replacement drive into the SonicWALL CDP appliance, perform the following steps:

1. Remove the hard drive and the drive number stickers from the replacement drive shipping carton.
2. Depending on which drive you are replacing, apply the appropriate sticker to the drive handle. While holding the drive with the label side up, place the sticker near the edge of the handle next to the square button.
3. In the Web management interface, navigate to the **System > RAID** page.



4. Pop open the drive handle on the new hard drive by pressing the square button.
5. Insert the drive into the empty slot, label side up with the handle sticking out.
6. Press the drive firmly into place to seat the connectors, and then close the handle.
7. As the **System > RAID** screen refreshes (every 30 seconds), you will see the drive slot status change to **DEGRADED**, and the **Array Status** change to **REBUILD-PAUSED**.



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The **DEGRADED** drive status indicates that the RAID controller senses that data is missing from the drive. The **Array Status** will change to **REBUILDING** within a few minutes.

System / RAID

Array: Drives Array Status:

Secondary Array:	NOT-PRESENT	NOT-PRESENT	NOT-PRESENT	NOT-PRESENT	N/A
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Main Array:

OK	OK	OK	DEGRADED	REBUILDING
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Please do not refresh this page

- You may continue to use your SonicWALL CDP appliance while the RAID controller rebuilds the array with the new drive. The rebuilding process requires at least three hours.

When finished rebuilding, the status for both the drive and the array changes to **OK**.

System / RAID

Array: Drives Array Status:

Secondary Array:	NOT-PRESENT	NOT-PRESENT	NOT-PRESENT	NOT-PRESENT	N/A
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Main Array:

OK	OK	OK	OK	OK
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- Re-install the front bezel, being sure to properly line up the LCD connectors. The best practice is to align and seat the right side of the bezel (as you are facing the front of the SonicWALL CDP appliance), then view the connectors from above as you carefully press the left side of the bezel into place.
- Lock the bezel with the front bezel security key.

Last updated: 4/1/2009  
Prepared by: sweigand

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The replacement 750GB hard drive is for use only with approved SonicWALL appliances. Use of this drive with a SonicWALL appliance that is not approved will void the warranty for that SonicWALL appliance. This drive is provided on an "as is" basis without warranty of any kind.

01-SSC-9310 SONICWALL APPLIANCE REPLACEMENT HD 750GB

For information and related documents, see the following Web site:

<http://www.sonicwall.com/us/Support.html>

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