



**securing your web**

NG-8100



NG-6100



NG-5100

## **NG-6100 Caching Kit Installation**

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Catalogue Name: NG6100CKI

## NG-6100 Caching Kit Installation

This document details the step by step installation of the Vital Security caching kit.



**NOTE: Before starting with the installation turn off the server and unplug the power cord.**

### 1. Cover Removal

1. Remove the server's top cover

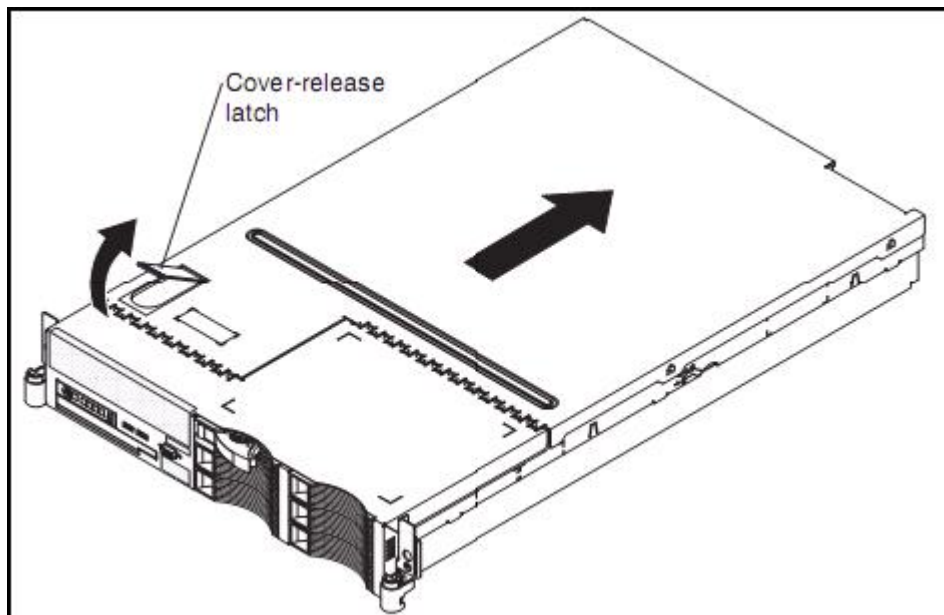
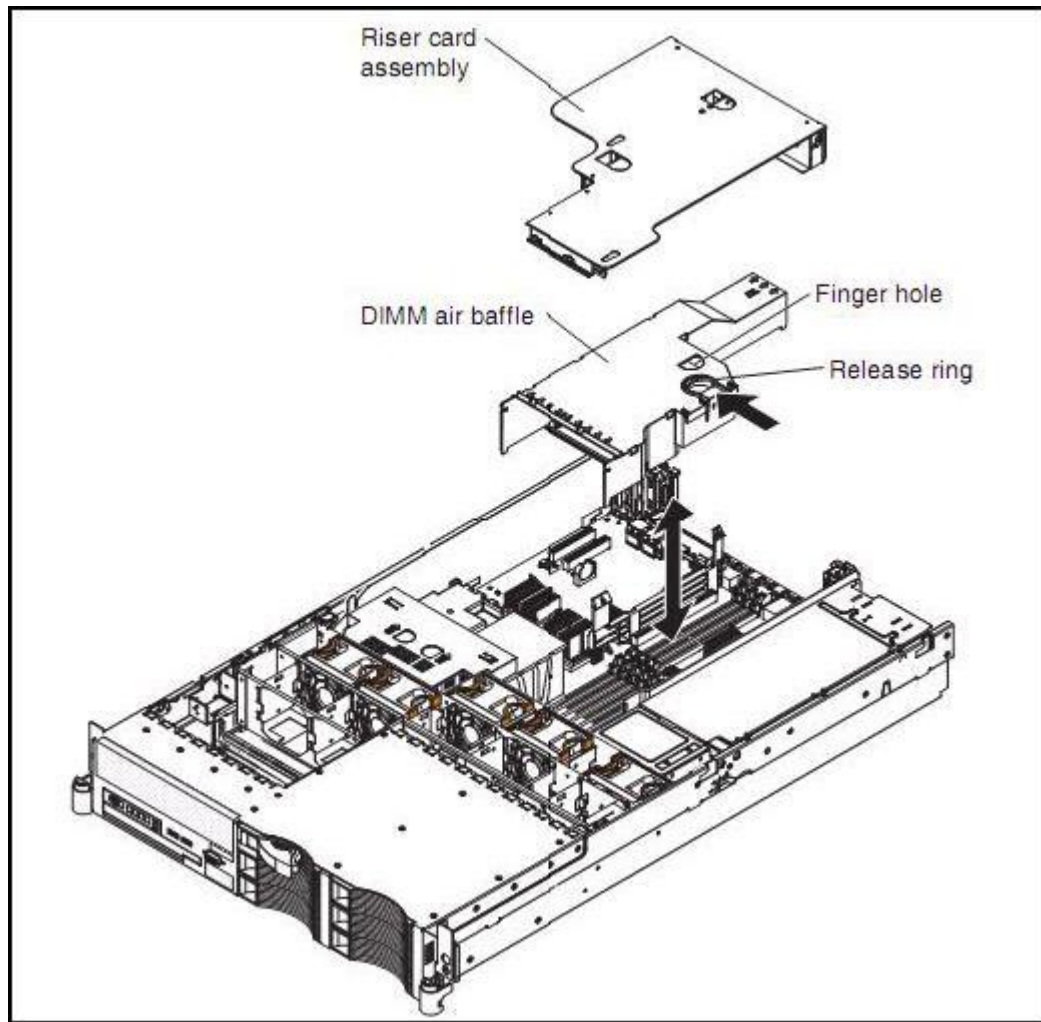


Figure 1: NG-6100 Cover



**Figure 2: NG-6100 Assembly**

2. Lift and remove the riser card assembly, and the DIMM (white plastic) air baffle.

## 2. Install Memory (DIMM)

Repeat each of the following steps for each DIMM that you install:

1. Turn the DIMM so that the DIMM keys align correctly with the connector on the system board.

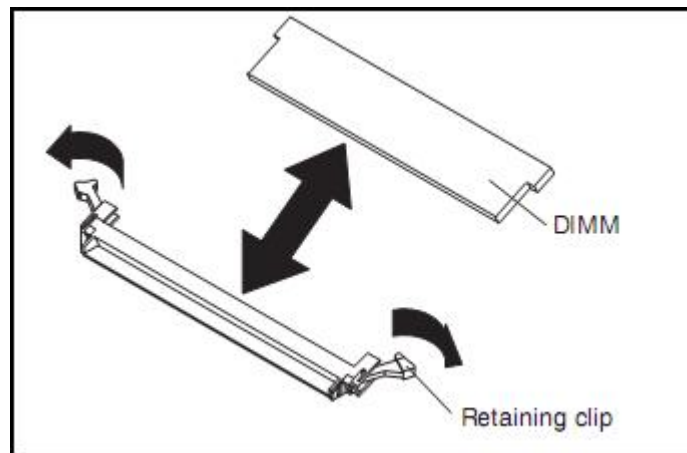


Figure 3: Retaining Clip



**NOTE: To avoid breaking the retaining clips or damaging the DIMM connectors, handle the clips with the utmost care.**

2. Ensure the small tabs on the retaining clips are in the notches on the DIMM. If there is a gap between the DIMM and the retaining clips, the DIMM has not been correctly installed.
3. Press the two DIMMs firmly into connectors 7 and 10, and then press the retaining clips toward the DIMM until the tabs are fully seated.
4. When the DIMM is correctly installed, the retaining clips are parallel to the sides of the DIMM.
5. Connector numbers 1, 4, 7, and 10 should be now be engaged.



**NOTE: If there is a gap between the DIMM and the retaining clips, the DIMM has not been correctly installed. In this case, open the retaining clips, remove the DIMM, and re-insert.**

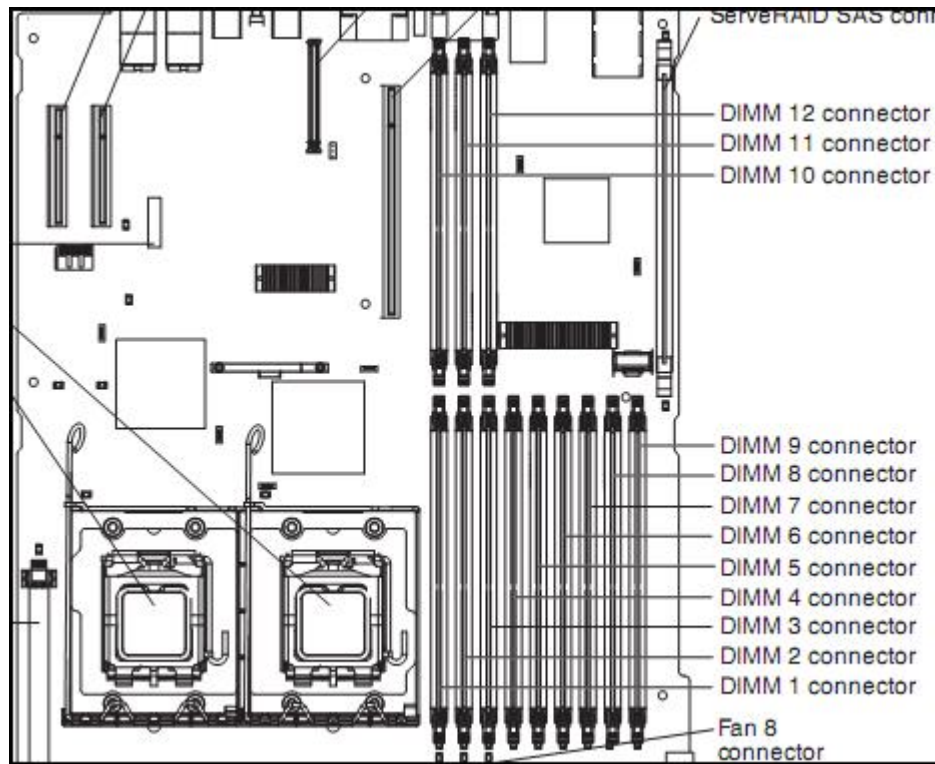


Figure 4: Ng-6100 DIMM Connectors

6. Replace the DIMM cover, the Riser card and the top cover.

### 3. Hard Drive Installation

1. Insert the 2 hard drives of the kit in bays 2 & 3 as illustrated below:

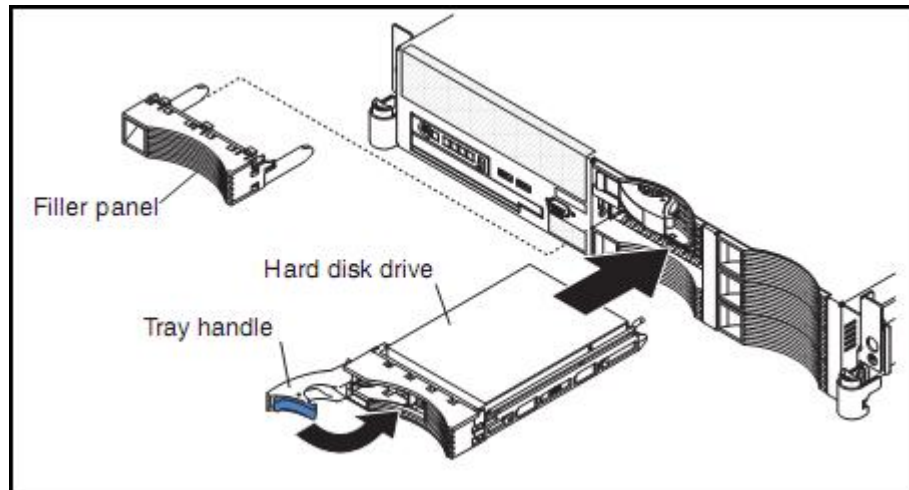


Figure 5: Inserting Hard Drives

## 4. Configure Hard Drive:

1. Start the machine and wait for the Raid Controller to boot.
2. When prompted, press Ctrl +A as shown below:

```
Broadcom NetXtreme II Ethernet Boot Agent v2.8.5  
Copyright (C) 2000-2006 Broadcom Corporation  
All rights reserved.  
  
Broadcom NetXtreme II Ethernet Boot Agent v2.8.5  
Copyright (C) 2000-2006 Broadcom Corporation  
All rights reserved.  
  
Adaptec RAID BIOS V5.2-0 [Build 15421]  
(c) 1998-2007 Adaptec, Inc. All Rights Reserved.  
  
<<< Press <Ctrl><A> for IBM ServeRAID Configuration Utility! >>>  
Booting the Controller Kernel.....\
```

Figure 6: Configure Hard Drive

3. On the IBM ServeRAID configuration Utility options screen, select **Array Configuration Utility**, as illustrated below:





4. Select **Rescan Drives**
5. Choose Create Array from the Main Menu



Figure 7: Main Menu

6. From the Select Drives options, select drive number 2 with the space key and hit Enter.

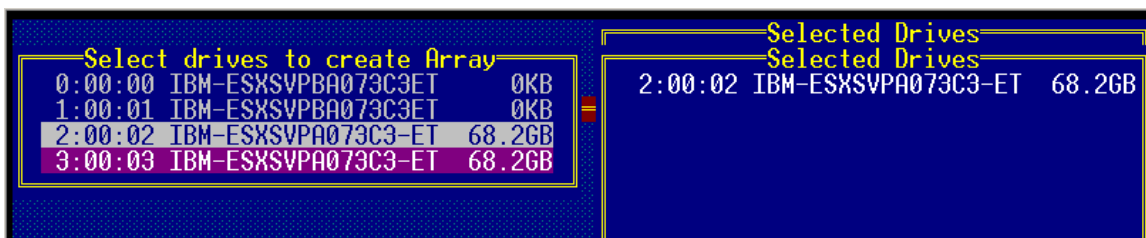


Figure 8: Select Drives

7. Navigate the configuration with the **Tab** key and press **Enter** when done.
8. Label the Array **C1**.
9. On the following page press any key
10. Repeat the configuration with drive number 3 and label it **C2**.
11. Exit the Array Configuration with the **Esc** key until rebooting.

You are now ready to proceed with software installation.