Installing and Removing a LOM Card

**Important** - Contact Check Point Technical Support before you open the cover of the appliance. If you open the cover without getting approval from Check Point Technical Support, the warranty of the appliance is voided.

Only personnel that have explicit permission from Check Point Technical Support are allowed to open an appliance and install or remove LOM cards. Doing the installation incorrectly can permanently damage the appliance.

For more information about using Lights Out Management, see the *Check Point Lights Out Management Administration Guide* (http://supportcontent.checkpoint.com/documentation_download?ID=12676).

Preparing the Appliance

Before you start to install or remove the LOM (Lights Out Management) card, make sure that:

- The appliance is in a clean environment and on a level surface.
- You can physically access and open the cover of the appliance.
- You can connect to the WebUI or CLI to shut down the appliance.
- You have the Check Point LOM card upgrade kit.

**Important** - To protect the appliance and the LOM card from electrostatic discharge damage, make sure you are properly grounded before you touch any components in the appliance. Use a grounding wrist strap and follow the instructions provided with the wrist strap before you handle the components or open the appliance.

The grounding plug on the rear of the appliance provides a chassis grounding point. If you do not have a grounding wrist strap, make sure you are properly grounded before you touch any electronic component.

To prepare the appliance:

1. From the WebUI or the CLI, shut down the appliance.
2. Use the power switch to turn off power to the appliance.
3. Remove the power cords from the appliance.
4. Remove the warranty sticker from the appliance cover screw.
5. Remove the top cover from the appliance.
   Only use the screwdriver that is included in the upgrade kit to open and replace the appliance cover.

**Check Point 4800**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Appliance cover</td>
</tr>
<tr>
<td>2</td>
<td>Four appliance cover screws</td>
</tr>
</tbody>
</table>

**Check Point 12400 and 12600**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Appliance cover</td>
</tr>
<tr>
<td>2</td>
<td>Four appliance cover screws</td>
</tr>
</tbody>
</table>
Installing the LOM Card

12400 and 12600 Appliances
(Diagram shows memory sockets for 12600)

4800 and 12200 Appliances
(Diagram shows memory sockets for 12200)

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power supply units</td>
</tr>
<tr>
<td>2</td>
<td>Memory socket(s) with DIMM installed</td>
</tr>
<tr>
<td>3</td>
<td>Expansion memory socket(s)</td>
</tr>
<tr>
<td>4</td>
<td>LOM card socket</td>
</tr>
</tbody>
</table>

To install the LOM card in the appliance:
1. Find the LOM card socket on the system board.

**Important** - Be careful, there are sharp metal parts in the appliance, like the heatsink fin and bracket, that can cause injury and damage the hardware.
2. Hold the LOM card at an angle to align with connector.

3. Press down on the LOM card until it lies flat.
4. Use two screws to secure the LOM card on the system board.

![Image of securing LOM card]

**Important** - Make sure that there are no leftover parts inside the appliance.

5. Make sure the LOM card is installed correctly.
   a) Connect the power cards to the appliance.
      Make sure the green LED on the LOM card is on.
   b) Turn on the appliance using the power switch at the rear of the appliance.
   c) Use an Ethernet cable to connect the LOM port to a computer.
      Make sure the LOM port link LEDs are on.
   d) Turn off the appliance and remove the power cords.

6. Replace the cover on the appliance.

## Removing the LOM Card

Make sure that you prepare the appliance before you remove the LOM card. See Preparing the Appliance (on page 1).

**To remove the LOM card:**

1. Find the LOM card. Loosen and remove the two screws.
2. Pull the socket locking levers OUT (away from the card edges).

3. Lift the rear of the card up and away from the system board.
4. Make sure the appliance starts correctly.
   a) Connect the power cords to the appliance.
   b) Turn on the appliance using the power switch at the rear of the appliance.
   c) Make sure that the LCD screen shows the appliance model.
   d) Turn off the appliance and remove the power cords.

   **Important** - Make sure that there are no leftover parts inside the appliance.

5. Replace the cover on the appliance.

**Attaching the New Warranty Sticker**

After you install the new LOM card, attach the new warranty sticker on the appliance.

**Important** - Failing to attach the new warranty sticker correctly will void the warranty of the appliance.

**To attach the new warranty sticker:**
1. Make sure that the appliance operates correctly.
3. Attach the new warranty sticker from the upgrade kit to the appliance.
   The warranty sticker covers an appliance cover screw.
4. Clearly write this information on the sticker:
   - Date of upgrade.
   - Current configuration of the appliance for the memory DIMMs and LOM card.