Check Point Appliance
Lights-Out Management Card

Basic Configuration Guide

15 September 2014

Classification: [Protected] P/N 706105
Important Information

Latest Software

We recommend that you install the most recent software release to stay up-to-date with the latest functional improvements, stability fixes, security enhancements and protection against new and evolving attacks.

Latest Documentation

The latest version of this document is at: (http://supportcontent.checkpoint.com/documentation_download?ID=10876)

To learn more, visit the Check Point Support Center (http://supportcenter.checkpoint.com).

Revision History

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<td>15 September 2014</td>
<td>Added <em>Managing the LOM Firmware</em> and <em>Upgrading the LOM Firmware</em></td>
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<tr>
<td>17 December 2008</td>
<td>First release of this document</td>
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Feedback

Check Point is engaged in a continuous effort to improve its documentation.

Please help us by sending your comments (mailto:cp_techpub_feedback@checkpoint.com?subject=Feedback on Check Point Appliance Lights-Out Management Card Basic Configuration Guide).
Introduction

Congratulations for purchasing the Lights-Out management (LOM) option card for Check Point appliances. This card enables remote control of your Check Point appliance through a dedicated management channel even when the appliance is turned off or not responding.

The LOM Web Interface

The LOM card is configured by connecting to the management port through a Web interface. The basic configuration options of the LOM card are:

- User management: Managing LOM card user accounts.
- Network settings: Managing IP settings.
- Power management: Remote lights-out power management. Turning the power ON or Off, or resetting the appliance.

Initial Login

By default, the LOM card is set with an IP address of 192.168.0.60 with a netmask of 255.255.255.0.

To login to the LOM Card:
1. Ensure that the power switch at the rear of the appliance is turned ON.
2. Connect an Ethernet cable from the Ethernet port of the LOM card to your PC or laptop.
3. Configure a PC or laptop to be on the same subnet as the LOM card, for example: 192.168.0.51
4. Open a browser and connect to the LOM card via a secure SSL connection by browsing to https://192.168.0.60.

The LOM Login page opens.
5. Login with the default username (administrator) and password (password), all lower case. The main view appears.

6. Change the default password of the administrator user. Click User Management. The User Management page opens. In this page you can manage LOM card user accounts.

7. Change the administrator password to a more secure one.

8. If required, add or remove users, or change credentials and permissions.
Configuring IP Settings

In the Network page you can configure the management IP address, access ports, and DNS server settings of the LOM card.

To change IP settings:
1. Click the **Network** icon.
   The Network page opens.

2. Configure network settings, for example **IP address** and **Default gateway**.
3. Click **Apply**.
   The settings take effect only after logging out. Click **Logout**. A confirmation message shows:

4. Click **Yes** to reset the LOM card. Note that this does not reset the appliance itself. If you do not wish to reset the LOM card, click one of the other buttons.
   If you click **Yes**, another message appears:
   **LOM will be reset in 5 secs.**
   
   For your security, we recommend you clear your browser cache, or close your browser and re-open it before browsing the Internet.

5. For increased security, clear your browser cache, or close your browser and re-open it before browsing the Internet.
LOM Remote Power Control

Using the Check Point Lights-Out Management (LOM) card it is possible to remotely switch ON the Check Point appliance even if the power is off, or switch OFF the appliance, or reset the appliance.

Note - The power switch at the rear of the appliance must be turned ON. If the switch is OFF, remote power management is not possible.

To remotely control the power on the Check Point appliance:
1. Open a browser and connect to the LOM card via a secure SSL connection by browsing to https://<LOM IP address>
2. Login with the username and password.
3. Click Power Management to open the power management page.

4. In the Power Management page:
   - Click Power On/Off to change the power status of the appliance.
   - Click Reset to immediately reboot the appliance.

Managing the LOM Firmware

The General page lets you see the currently installed LOM firmware version and see the LOM status.

1. In the LOM main page, click General.

2. Click Apply.
Upgrading the LOM Firmware

The Check Point Lights Out Management card supports firmware upgrade to get the best of new features and stability enhancements.

To see availability of new LOM firmware versions, see sk88064 (Check Point Appliances LOM Firmware versions map).

To upgrade the LOM firmware version:
1. Click on the Firmware icon to bring up the Firmware file dialog box:

![Firmware File dialog box]

2. Click Browse and navigate to the directory that contains the new LOM firmware file.
3. Select the file.
4. Click Upload.
   After the upload completes, the Reset on exit checkbox is enabled.
5. To have the new LOM firmware version take effect, click Logout at the bottom left of the main page to exit and reset the LOM.