21 July 2021

16000, 26000, AND 28000 APPLIANCES REPLACING AC POWER SUPPLY UNITS
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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.

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**Check Point 16000, 26000, and 28000 Appliances Replacing AC Power Supply Units**
For more about this release, see the [home page](#).

**Latest Version of this Document in English**
Download the latest version of this [document in PDF format](#).

**Feedback**
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Revision History

<table>
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<th>Date</th>
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<tbody>
<tr>
<td>21 July 2021</td>
<td>Updated the 26000/28000 rear panel line drawing table</td>
</tr>
<tr>
<td>23 July 2020</td>
<td>Updated for 28600HS appliances</td>
</tr>
<tr>
<td>30 April 2020</td>
<td>Updated for 16200, 16600HS, and 28000 appliances</td>
</tr>
<tr>
<td>02 October 2019</td>
<td>First release of this document</td>
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16000, 26000, and 28000 Appliances Replacing AC Power Supply Units

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<td>16600 Hyperscale Security Appliances (1U)</td>
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Check Point 16000, 16200, 26000, 16600HS, and 28000 appliances have a redundant power supply unit (PSU). They support AC PSUs. If necessary, you can replace a PSU. Note that all PSUs on an appliance must be of the same type (AC).

⚠️ Important - Make sure you are electromagnetically grounded before you install, uninstall, or replace a PSU. ESD (electrostatic discharge) can damage the appliance.
16600HS/28600HS Rear Panel

16000/16200 Rear Panel
## 26000/28000 Rear Panel

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1    | LED indicator for each power supply unit  
  - Off - No power cord is connected to any of the PSUs in the system  
  - Green - System on  
  - Blinking green - Power cords are connected to all PSUs, but system is off  
  - Amber - No power cord is connected to the PSU, but other PSUs in the system have a power cord connected  
  - Blinking amber - Warning about a hardware issue (high temperature, high power, high current, slow fan) might lead to an issue with the PSU  
  - Blinking fast green - PSU in Firmware update  |
| 2    | Restraint strip slot  |
| 3    | Extractor handle  |
| 4    | ESD grounding point  |
| 5    | Alarm off button for PSUs  |
| 6    | Release lever  |
| 7    | 16600HS/28600HS - Two AC PSUs  
  16000 Base, 16200 Base - One AC PSU + 1 Dummy filler  
  16000 Plus/Turbo, 16200 Plus - Two AC PSUs  
  26000 Base/Plus/Turbo, 28000 Base/Plus - Three AC PSUs  |
Removing a Power Supply Unit

Before you remove a power supply unit, we recommend that you make sure that either:

- In 16000/16200/16600HS/28600HS - A second AC power supply is installed and connected to a working power source.
  In 26000/28000 - Two other AC power supplies are installed and connected to a working power source.

  Or

- Shutdown the appliance.

To remove a power supply unit:

1. Remove the power cord from the power supply unit.

2. If the alarm sounds, press the alarm off button to the right of the power supply units.
   The alarm stops.

3. Press and hold the release lever down as shown.

4. While holding the release lever, pull the extraction handle to remove the power supply unit.

  Note - Remove the power supply unit only with the extraction handle to prevent any possible damage.
Installing a Power Supply Unit

To install a replacement power supply unit:

1. Insert the power supply unit into the power supply slot.
2. Push the power supply unit in until the release lever clicks.
3. Insert the power cord into the power supply socket.
4. Make sure that the power LED is illuminated.
Installing the Power Cable Restraint

You can use the power cable restraint to prevent accidental removal of the power cable.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Restraint anchor</td>
</tr>
<tr>
<td>2</td>
<td>Cable loop</td>
</tr>
<tr>
<td>3</td>
<td>Restraint strip tab</td>
</tr>
<tr>
<td>4</td>
<td>Restraint strip</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Restraint strip slot</td>
</tr>
<tr>
<td>2</td>
<td>Power supply inlet</td>
</tr>
</tbody>
</table>
To install the power cable restraint:

1. If a power cable is connected to the power supply inlet, disconnect it.
2. Find the restraint strip slot on top of the power supply inlet.
3. Make sure that the cable loop on the restraint faces the power supply inlet.
4. Insert the restraint strip anchor into the slot until it snaps and locks.
5. Connect the power cable to the power supply inlet.
6. Pull the restraint tab to the side to move the cable loop on the restraint strip.
7. Move the cable loop until you can put it around the power cable as shown in the next figure.
8. Insert the open side of the cable loop into the loop slot until it is tight against the power cable.
9. Make sure the cable loop is secured and the power cable cannot be removed.

PSU Configuration and Monitoring

See the relevant Getting Started Guide for PSU configuration and monitoring options for your appliance model:

- 16000 Appliances Getting Started Guide
- 26000 and 28000 Appliances Getting Started Guide