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# Host Resources Core Pack PowerPack Release Notes

Version 106

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## Overview

*Host Resources Core Pack* PowerPack version 106 is an update to the previous PowerPack and includes updates to Dynamic Applications, as well as a new Dynamic Application.

- **Minimum Required Platform Version:** 8.7.0
- **Support Status:** GA

This document describes:

- The [installation and upgrade process](#)
- The [features](#) in version 106
- The [issues addressed](#) in version 106

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## Installing or Upgrading to Host Resources Core Pack PowerPack version 106

**TIP:** By default, installing a new version of a PowerPack will overwrite all content in that PowerPack that has already been installed on the target system. You can use the **Enable Selective PowerPack Field Protection** setting in the **Behavior Settings** page (System > Settings > Behavior) to prevent the new version of the PowerPack from overwriting local changes for some commonly customized fields.

**NOTE:** If you are currently using the Dynamic Applications in the Host Resources Core Pack PowerPack to monitor devices, collection errors might occur for one or two polling cycles during the installation of a new version. To prevent collection errors during an upgrade, you can optionally disable collection for monitored devices before performing the following steps and re-enable collection after the upgrade.

To install the *Host Resources Core Pack* PowerPack for the first time or to upgrade from a previous version, perform the following steps:

1. If you have not done so already, upgrade your system to the 8.7.0 or later release.
2. Go to the Customer Portal and download version 106 of the *Host Resources Core Pack* to a local computer.
3. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the Actions menu and choose *Import PowerPack*. Import the Host Resources Core Pack PowerPack version 106. For details on importing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.
4. Click the Install button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

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## Features

*Host Resources Core Pack* version 106 includes the following features:

- Dynamic Applications that collect configuration information from the HOST-RESOURCE-MIB and monitor Host Resources CPU, memory performance, software inventory, storage, and file systems.
- Events and corresponding alerts that are triggered when specific criteria are met.
- Run Book Automation Policy and a Run Book Action to unalign the "Host Resource: Memory" and "Host Resource: CPU" Dynamic Applications when a device is using Net-SNMP.

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## Enhancements and Issues Addressed

The following enhancements are included in version 106 of the Host Resources Core Pack PowerPack:

- A new Dynamic Application, "Host Resource: Software", is available in this release. This Dynamic Application collects information about all of the software installed on the device. Previously, this collection was done by the "Host Resource: Configuration" Dynamic Application.
- The following updates were made to the "Host Resource: Configuration" Dynamic Application:
  - Changed the Application Type from Snippet Configuration to SNMP Configuration to take advantage of performance improvements in the SNMP Application Type.
  - Changed the alert formulas in the Dynamic Application to use double quotation marks around the "Device Description" collection object string to handle description values that contain single quotation marks.
  - Updated the SNMP OID for the "Device Description" collection object to have whitespace trimmed from the value returned by an SNMP agent.
  - Removed the "Software Package" collection objects and moved them to the "Host Resource: Software" Dynamic Application.

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## Known Issues

The following is a known issue that affects version 106 of the Host Resources Core Pack:

- Upgrading to Host Resources Core Pack from version 105 or earlier to version 106 or later will result in the loss of the installed software historical snap-shot from data in the "Host Resource: Configuration" Dynamic Application. This is due to moving the installed software collections from the "Host Resource: Configuration" Dynamic Application to the new "Host Resource: Software" Dynamic Application.
- Comma separators in numerical units (Bytes) are no longer used due to the conversion of the Application Type for the "Host Resource: Configuration" Dynamic Application.

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