Abstract

HPE StoreEasy management console release notes contains information about the new features, enhancements, and updates for the management console software.
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Description

The HPE StoreEasy management console v1.2.2 Release Notes contain information about the new features and enhancements, known issues, fixed issues, and release-specific information.

Review the content in this document before you install, upgrade, or start using this software.
Supersede information

Supersedes: v1.2.1
HPE StoreEasy 1000 Storage system product models and their supported hardware platforms are available in the following tables.

- **Table 1: HPE StoreEasy 1460 Storage system**
- **Table 2: HPE StoreEasy 1560 Storage system**
- **Table 3: HPE StoreEasy 1660 Storage system**
- **Table 4: HPE StoreEasy 1660 Expanded Storage system**
- **Table 5: HPE StoreEasy 1860 Storage system**

### Table 1: HPE StoreEasy 1460 Storage system

<table>
<thead>
<tr>
<th>SKU</th>
<th>Product Model</th>
<th>Hardware Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2R92A</td>
<td>HPE StoreEasy 1460 8TB SATA Storage</td>
<td>HPE ProLiant DL360 Gen10 server (Large Form Factor (LFF))</td>
</tr>
<tr>
<td>Q2R93A</td>
<td>HPE StoreEasy 1460 16TB SATA Storage</td>
<td>HPE ProLiant DL360 Gen10 server (Large Form Factor (LFF))</td>
</tr>
<tr>
<td>Q2R94A</td>
<td>HPE StoreEasy 1460 32TB SATA Storage</td>
<td>HPE ProLiant DL360 Gen10 server (Large Form Factor (LFF))</td>
</tr>
</tbody>
</table>

### Table 2: HPE StoreEasy 1560 Storage system

<table>
<thead>
<tr>
<th>SKU</th>
<th>Product Model</th>
<th>Hardware Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2R96A</td>
<td>HPE StoreEasy 1560 8TB SATA Storage</td>
<td>HPE ProLiant ML110 Gen10 server</td>
</tr>
<tr>
<td>Q2R97A</td>
<td>HPE StoreEasy 1560 16TB SATA Storage</td>
<td>HPE ProLiant ML110 Gen10 server</td>
</tr>
</tbody>
</table>

### Table 3: HPE StoreEasy 1660 Storage system

<table>
<thead>
<tr>
<th>SKU</th>
<th>Product Model</th>
<th>Hardware Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2P71A</td>
<td>HPE StoreEasy 1660 Performance Storage</td>
<td>HPE ProLiant DL380 Gen10 server (Large Form Factor (LFF))</td>
</tr>
<tr>
<td>Q2P72A</td>
<td>HPE StoreEasy 1660 Storage</td>
<td>HPE ProLiant DL380 Gen10 server (Large Form Factor (LFF))</td>
</tr>
<tr>
<td>Q2P73A</td>
<td>HPE StoreEasy 1660 16TB SAS Storage</td>
<td>HPE ProLiant DL380 Gen10 server (Large Form Factor (LFF))</td>
</tr>
<tr>
<td>Q2P74A</td>
<td>HPE StoreEasy 1660 32TB SAS Storage</td>
<td>HPE ProLiant DL380 Gen10 server (Large Form Factor (LFF))</td>
</tr>
<tr>
<td>Q2P75A</td>
<td>HPE StoreEasy 1660 64TB SAS Storage</td>
<td>HPE ProLiant DL380 Gen10 server (Large Form Factor (LFF))</td>
</tr>
</tbody>
</table>
### Table 4: HPE StoreEasy 1660 Expanded Storage system

<table>
<thead>
<tr>
<th>SKU</th>
<th>Product Model</th>
<th>Hardware Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>R0R67A</td>
<td>HPE StoreEasy 1660 Expanded Storage</td>
<td>HPE Apollo 4200 Gen 10 server (Large Form Factor (LFF))</td>
</tr>
</tbody>
</table>

### Table 5: HPE StoreEasy 1860 Storage system

<table>
<thead>
<tr>
<th>SKU</th>
<th>Product Model</th>
<th>Hardware Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2P76A</td>
<td>HPE StoreEasy 1860 Performance Storage</td>
<td>HPE ProLiant DL380 Gen10 server (Small Form Factor (SFF))</td>
</tr>
<tr>
<td>Q2P77A</td>
<td>HPE StoreEasy 1860 Storage</td>
<td>HPE ProLiant DL380 Gen10 server (Small Form Factor (SFF))</td>
</tr>
<tr>
<td>Q2P78A</td>
<td>HPE StoreEasy 1860 9.6TB SAS Storage</td>
<td>HPE ProLiant DL380 Gen10 server (Small Form Factor (SFF))</td>
</tr>
<tr>
<td>Q2P79A</td>
<td>HPE StoreEasy 1860 14.4TB SAS Storage</td>
<td>HPE ProLiant DL380 Gen10 server (Small Form Factor (SFF))</td>
</tr>
</tbody>
</table>
The HPE StoreEasy management console supports the following browsers:

<table>
<thead>
<tr>
<th>Internet browser</th>
<th>Supported version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Google Chrome</td>
<td>69.0.3497.100</td>
</tr>
<tr>
<td>Mozilla Firefox</td>
<td>62.0.3</td>
</tr>
<tr>
<td>Microsoft Edge</td>
<td>38.14393.2068.0</td>
</tr>
<tr>
<td>Internet Explorer (IE)</td>
<td>11.2906.14393.0</td>
</tr>
<tr>
<td>Safari</td>
<td>12.0 (14606.1.36.1.9)</td>
</tr>
</tbody>
</table>

The recommended minimum screen resolution is 1366 x 768 pixels.

**NOTE:**

- The management console requires JavaScript to be enabled. Refer to your browser settings documentation on how to enable JavaScript.
- The management console uses a self-signed certificate as its identity certificate. In organizations with restrictive security settings, this causes the communication with the management console to fail. Refer to your browser settings documentation on how to configure your browser to trust a self-signed certificate.
Operating systems

This release is supported on the Windows Storage Server 2016 operating system.
Languages

This release supports the following languages:

- English
- Japanese

To see the HPE StoreEasy management console in Japanese, set the browser locale to Japanese.

Setting the browser locale

The default language used by HPE StoreEasy management console is English, unless your operating system is set to use Japanese.

To set the HPE StoreEasy management console interface to Japanese, modify your browser settings using the following instructions:

Procedure

1. For Google Chrome:
   a. Click Browser settings > Language settings.
   b. Add Japanese language.
   c. Click Relaunch the browser button.

2. For Internet Explorer:
   a. Click Tools.
   b. Click Languages in the General tab.
   c. Click Set language preferences.
   The Change your language preferences window is displayed.
   d. Click Add language.
   e. Select Japanese language.

   NOTE: If the operating system is in Japanese, then the browser language by default is Japanese. If you want to change the language in the browser, the first available language option is Japanese and then all other languages are displayed.

   If you select any other language other than Japanese or English, the management console is displayed in English language.

   f. Restart the browser.

3. For Mozilla Firefox:
   a. Launch the Mozilla Firefox browser.
   b. Click Settings in the upper-left corner of the browser window.
   c. Select Options from the drop-down menu.
   d. Under Languages and Appearance, click the Choose button.
e. Click **Select a language to add...** button.

f. Click **Add**.

g. Add Japanese language.

h. Restart the browser.

4. For Safari:

a. Launch **System Preferences** from the dock at the bottom of the desktop.

b. Under **Personal**, click the **Language & Text**.

c. Drag the Japanese language.

d. Click the **Apple** icon in the upper-left hand corner of the screen and select **Log out (username)**...  

e. Restart the browser.

5. For Microsoft Edge:

a. Launch **Control Panel** and under **Clock, Language, and Region** or press the **Windows** key, type **Regional & language settings**, and then press **Enter**.

b. Click **Add a language**.

c. Type or select **Japanese** language.

d. Under **Pick a region**, select the region.

   In the **Languages** section, Japanese language is displayed.

e. Click Japanese again and click **Set as default** button.

   Japanese language is the default language.

f. Restart the system.

**NOTE:** If you are using Microsoft Edge as your browser, restart your system after changing the browser language.

When you restart your selected browser, HPE StoreEasy management console is displayed in Japanese language.

To switch back to English, follow the same procedure and select English as the default language.
Enhancements | Features

Features

Dashboard showing historical data for CPU and Memory Utilization

Dashboard has been enhanced by adding charts showing historical data for CPU and memory utilization.

**Historical resource utilization (Memory) reporting**

Chart for overall memory utilization, is displayed based on the time frame selected by the user.

**Historical resource utilization (CPU) reporting**

Chart for overall CPU utilization, is displayed based on the time frame selected by the user.

This enhanced reporting enables you to optimize system usage and improve troubleshooting capabilities.

Data share and analytics

HPE intends to collect appliance usage data, in compliance with HPE Privacy policies. Users can decide to enable collection and transfer the appliance usage data to HPE.

By selecting the Opt-in/Opt-out choices, you can choose to enable or disable transfer of data to HPE. This data is used only to improve the product and support experience.

Data we collect is as follows:

**Page views**

- Track navigation paths of the task - This will enable us to study the path used by a user to complete a task and come up with optimal paths.
- Track the bounce rates of each page/steps of a task.

**Events data**

- Track if the user is successfully completing a task.
- Number of times error messages appeared during the performance of a task.
- Number of times a user clicked the help link during a task.
- Track if the user is abandoning task (bounce rate in the middle of a page).
- Time spent on each task.
- Get the most time-consuming step/page within the journey of a task.

We collect the following information for a page view or event.

<table>
<thead>
<tr>
<th><strong>System Type</strong></th>
<th>Model number of the HPE StoreEasy 1000 Storage system.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Activity Type</strong></td>
<td>Page views or events.</td>
</tr>
<tr>
<td><strong>User Type</strong></td>
<td>User role details are collected. We do not collect any login credentials.</td>
</tr>
</tbody>
</table>

Table Continued
To modify your choice of opt-in or opt-out of sharing data:

- Navigate to Settings > Support and Analytics.
- Click either one of the options:
  - I want system health, performance, and configuration information sent back to HPE for monitoring and quality improvements. (Recommended)
    - There is also an option that can be checked to obfuscate names of all shares, volumes, and other resources.
  - I do not want personal data, system health, performance and configuration information sent back to HPE for monitoring and quality.

### Enhancements

#### Dashboard enhancements

#### Disk capacity calculation enhancement

The formulae for calculating the saturation of disk capacity (days to full capacity) are enhanced to improve accuracy.

**NOTE:**

- Minimum 30 days of data is required to calculate the saturation of disk capacity.
- When utilization is low, days to saturation is shown to be more than 1500 days.
- Minimum and maximum saturation dates are calculated by adding or subtracting 10% to the calculated saturation date. For example: If the Saturation date is 300 days, then the upper limit will be 330 days and lower limit will be 270. The days to capacity saturation will be between 270 and 330.
Disk utilization data enhancement

Disk utilization data on the dashboard is improved. The components displayed under **In Use** and **Available** provide more granular data representation.
<table>
<thead>
<tr>
<th>Issue ID</th>
<th>Issue Description</th>
<th>Issue Resolution</th>
</tr>
</thead>
</table>
| 6276 and 6271 | Data modeling and calculation errors for Capacity Utilization (Available, In Use, and Other) are fixed. | - Updated the data model of the Capacity Utilization (Available, In Use, and Other) and groupings to accurately display utilization.  
- Updated the charts to display the aggregation data for Capacity Utilization (Available, In Use, and Other). |
| 6381    | **Timestamps** between Drive IOPs and Network I/O charts were not aligned. The alignment issue was caused in each chart because:  
- The 99th percentile value for any given data set was displayed.  
- The time stamps are different at any given point in time. | Updated the chart and labels to display accurate time stamps when you hover or move the mouse over the charts. |
| 6290    | Enable UTF-8 characters in the file share names were not similar to Windows Server file share names. | Updated the HPE StoreEasy management console to manage the use of UTF-8 characters in File Shares, Quotas, and Volumes names. You can view and edit the names created on Windows server in the HPE StoreEasy management console. |
| 6424 | Unable to bring a newly created Logical Drive back online. | Bring a newly created Logical Drive back online using the GUI of the HPE StoreEasy management console. |
| 7214    | Status of power supplies of disk enclosures HPE StoreEasy management console was not displayed when the HPE StoreEasy 1000 Storage system was updated to SPP2019.09 (SSACLI v3.47). HPE StoreEasy management console displays a warning and the Power Supply status is **Unknown**. | Use HPE iLO 5 to check the correct status. |
Issues and workarounds

SEMC-6275 Hardware event notification emails are not sent

**Symptom**
Hardware event notification emails do not work when HPE StoreEasy 1000 Storage system is configured to use the HPE iLO Shared Network Port.

**Cause**
- iLO Dedicated Network Port is not configured.
- HPE iLO firmware version is lower than 1.43.

**Action**
Change the HPE iLO network settings to enable the iLO Dedicated Network Port (default). This allows emails to be sent for Hardware event notifications.

SEMC-5199 Setting Preferences drop-down menu is not displayed properly

**Symptom**
In the **Automatic Updates** page, **Setting Preferences** drop-down menu may not be displayed completely.

**Cause**
Lower screen resolution.

**Action**
To view and use all the options, scroll using the scroll bar.

SEMC-3368 Multiple array (storage pools) creation status is a failure

**Symptom**
When you use array (storage pool) creation to create multiple arrays (storage pools) and one of the pool creations is unsuccessful, the status of the operation is displayed as failure.

**Cause**
You can only see the status of the last storage pool created.
Action

To see which of the storage pools created was successful and which were unsuccessful, review the Activity page. For the unsuccessful pool creation, create the storage pools again.

**SEMC-3476 Rename of the storage pool (array) is not displayed in the Activity page**

**Symptom**

When you rename an array (storage pool) and add a physical drive (disk) together, only the physical drive addition status is displayed in the Activity page.

**Cause**

Unknown

**Action**

To check if rename was successful, navigate to the Storage Subsystems > Arrays. If rename was unsuccessful, click the array you want to rename and edit the name.

**SEMC-7324 Volume detail page is not refreshing or updating automatically**

**Symptom**

Volume detail page for a created volume is not getting refreshed or updated automatically.

**Cause**

Unknown

**Action**

Press F5 key to update the file share and snapshot count on the volume page.

**Synchronization delay between iLO Integrated Management Log and management console dashboard**

**Symptom**

Synchronization delay exists in the display of hardware health changes between iLO Integrated Management Log and management console dashboard.

**Cause**

Synchronization delay is due to management console data display refresh cycles.
Action

Use the iLO Integrated Management Log page for the latest information.
Installation instructions

First-time download and installation instructions

**Prerequisites**

- Ensure that you have a valid HPE Passport account with the HPE StoreEasy 1000 Storage systems registered to that HPE Passport account. For more information, see the HPE Support Center.
- Ensure that you have Administrator privileges on the HPE StoreEasy 1000 Storage system to install the management console.
- (Recommended) Ensure that you install the latest updates for Windows including the Security updates and hot fixes.
- Ensure that you have the latest HPE Service Pack for ProLiant (SPP) installed on the HPE StoreEasy 1000 Storage system.

**Procedure**

1. Download the compressed zip file for the required software version from the [Drivers & software](#) page.

2. Click ![Download](#).

3. If you are not logged in, you are prompted to log in to the HPE website using your HPE Passport account.

   **NOTE:** If the system is not registered with the HPE Passport account, then register your system using the download link as a support entitlement is required.

4. After you download, copy the compressed zip file to each system where you want to install the management console.

   **NOTE:** During the installation, the current version of the HPE Storage Management Provider (SMP) is updated to enable working with the management console.

5. Extract the installer file from the compressed zip file. Double click the installer file and follow the installation instructions.

   a. During the installation of the management console, you can change the default port (8443). If you want to change the port, then clear the check box,

   b. Enter the port in the text box provided

   c. Click next to validate the port availability. If the validation fails, then installer prompts you to change the port. If the validation is successful, it moves to next step in the installation process.

   **TIP:** To check for unused ports, use `netstat -an` at the command prompt.

6. After a successful installation, you can access the management console in one of the following ways:

   - Remotely (from a browser): https:\\<IP address\\>:<port number>\.
   - Double click the shortcut icon created on the desktop of the HPE StoreEasy 1000 Storage system.
**NOTE:** The following limitations apply when updating from HPE StoreEasy management console using the Custom Service user accounts. These limitations are only applicable when you configure StoreEasy management service using Custom Users profile.

- The upgrade to HPE StoreEasy management console v1.2.2 is not successful:
  - If you have configured autonomous updates to upgrade the management console.
  - If you use the HPE StoreEasy management console Offline Update option.

- Upgrade to HPE StoreEasy management console v1.2.2 is successful.
  - When you use the installer file to upgrade.

For more information about update failures, use the event logs of HPE StoreEasy management console.

---

**Update the HPE StoreEasy management console**

To take advantage of the latest product capabilities and benefit from continuous security and reliability enhancements, make sure that the management console software version is current.

You can update the new or latest management console version manually or automatically using these options:

- **Using the installer from the HPE Support Center**
  
  You can use the installer file:
  - When you install the management console for the first time.
  - When you want to manually install management console updates.

  For more information about using the installer file, see [Update the management console using the installer](#).

- **Using the management console**
  
  Choose one of the following options:

<table>
<thead>
<tr>
<th>If you</th>
<th>Use option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not have Internet connection.</td>
<td><strong>Offline update.</strong> This option disables the automated updates, and you must manually update the management console using the downloaded compressed zip file. This is the default option.</td>
</tr>
<tr>
<td>Want to be notified periodically when management console updates are available.</td>
<td><strong>Notify of update availability.</strong> This option only notifies you that there is a new or latest update available. This option does not download or install the update files.</td>
</tr>
</tbody>
</table>

*Table Continued*
<table>
<thead>
<tr>
<th>If you</th>
<th>Use option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Want to download the management console updates automatically.</td>
<td><strong>Automatic download.</strong> This option enables automatic download during the set maintenance window provided.</td>
</tr>
<tr>
<td></td>
<td>◦ Your HPE StoreEasy Storage system is connected to the Internet.</td>
</tr>
<tr>
<td></td>
<td>◦ An updated version of the management console is available for download.</td>
</tr>
<tr>
<td>Want to download and install the management console updates automatically.</td>
<td><strong>Automatic install.</strong></td>
</tr>
</tbody>
</table>

**Upgrade using installer**

The following instructions are for upgrading from previous versions of the management console to the latest version using the installer.

**Prerequisites**

- Ensure that you have Administrator privileges and you are a member of the Administrator group on the system to upgrade the HPE StoreEasy management console.
- *(Recommended)* Ensure that you install the latest HPE StoreEasy 1000 Storage system updates including Windows updates, Security updates and hot fixes.
- Ensure that you have the latest HPE Service Pack for ProLiant (SPP) installed on the HPE StoreEasy 1000 Storage system.

**Procedure**

1. Download the compressed zip file for the required software version from the [Drivers & software](#) page.

2. Click **Download**.

3. If you are not logged in, you are prompted to log in to the HPE website using your HPE Passport account.

4. After you download, copy the compressed zip file to each system on which the management console must be upgraded.

   **NOTE:** During the installation, the current version of the HPE Storage Management Provider (SMP) is updated to enable working with the management console.

5. Extract the installer file from the compressed zip file, double click the installer file and follow the installation instructions.

   **NOTE:** The upgraded version of management console retains the database and the port configuration.

6. After a successful upgrade, you can access the management console in one of the following ways:

   - Remotely (from a browser): `https://<IP address>:<port number>`.
   - Double click the shortcut icon created on the desktop of the HPE StoreEasy 1000 Storage system.
### Table 6: Supported Upgrade Paths

<table>
<thead>
<tr>
<th>From Version</th>
<th>To Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2.1</td>
<td>1.2.2</td>
</tr>
<tr>
<td>1.2.0</td>
<td>1.2.2</td>
</tr>
<tr>
<td>1.1.1</td>
<td>1.2.2</td>
</tr>
</tbody>
</table>

### Table 7: Unsupported Paths

<table>
<thead>
<tr>
<th>From Version</th>
<th>To Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0.0</td>
<td>1.2.2</td>
</tr>
<tr>
<td>1.1.0</td>
<td>1.2.2</td>
</tr>
</tbody>
</table>

If you have HPE StoreEasy management console v1.0.0 or v1.1.0, upgrade to v1.1.1 before upgrading to v1.2.2.

### Automatically download and install management console updates

Use the **Automatic install** management console option to automatically download and install the new or latest version of the update. When this option is selected, the management console checks every day for available updates, downloads, and installs the updates during the HPE StoreEasy Storage system maintenance window.

By default, the management console downloads and installs the updates at midnight based on the local time and time zone settings in the system during the maintenance window. You (Administrator or Operator roles) can modify the maintenance window settings at any time.

Your system must be connected to the Internet for the management console to check for and download the latest version of the updates. If the Internet is not connected during the update check, the console logs an event in the **Event log** and displays it on the **Activity** page. When the Internet connection is re-established, the management console downloads and installs the latest version of the updates.

To set the automatic install option:

1. Navigate to **Settings > Management console updates**.
2. Click **Update settings > Automatic install**.

The management console updates are not installed until all active background tasks are completed.

During the update, the management console switches to maintenance mode. Maintenance mode prevents configuration corruption and data loss by not allowing any modifications to the system through the management console. In maintenance mode:

- All users using the management console are logged out.
- No users can log in during the update process.
- Only the user initiating the update can view the update progress.

### Automatically check for and download management console updates

Use the **Automatic download** management console option to check for and automatically download the new or latest version of the management console software. When this option is selected, the management console checks every day for available updates. By default, the management console downloads the updates at midnight based on the local time and time zone settings in the HPE StoreEasy Storage system during the maintenance window. You (Administrator or Operator roles) can modify the maintenance settings at any time.
1. Navigate to **Settings > Management console updates.**
2. Click **Update settings > Automatic download.**

**NOTE:** The management console notifies you in the **Dashboard** or **Management console updates** page when the download is complete.

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## Enable notifications for management console updates

Use the **Notify of update availability** management console option to receive notifications when there are new software updates. When this option is selected, the management console checks every day for available updates and notifies when the updates are available.

1. Navigate to **Settings > Management console updates.**
2. Click **Update settings > Notify of update availability.**
3. Download and install the available updates at any time using one of the following methods:
   - **Update the management console using the Offline update option.**
   - **Update the management console using the installer.**

---

## Update the management console using the Offline update option

Using the management console, you (Administrator or Operator roles) can update the current management console software version to the next version.

**Procedure**

1. Access the **HPE Support Center** and download the latest management console version.
2. Navigate to **Settings > Management console updates.**
3. In **Actions**, click **Offline update.**
4. Upload the compressed zip file that you have downloaded from the **HPE Support Center.**

The management console verifies the validity of the uploaded file and indicates the completion of installation with a message.

During the update, the management console switches to maintenance mode. Maintenance mode prevents configuration corruption and data loss by not allowing any modifications to the system through the management console. In maintenance mode:

- All users using the management console are logged out.
- No users can log in during the update process.
- Only the user initiating the update can view the update progress.

---

## Downgrade the HPE StoreEasy management console

In unusual circumstances, Hewlett Packard Enterprise technical support might recommend that you downgrade the management console software to an earlier version for these reasons:
• Some unexpected application behavior
• Custom application interoperability issues with newer versions of REST API

You can downgrade to the immediate previous version using the:

• **Installer file**
• **Management console**

### Downgrade using installer

The following instructions are for downgrading from current version of the HPE StoreEasy management console to the previous version.

#### Prerequisites

- Ensure that you have Administrator privileges and you are a member of the Administrator group on the system you want to downgrade the management console.
- **(Recommended)** Ensure that you install the latest updates for Windows including the security updates and hot fixes.

#### Procedure

1. Uninstall HPE StoreEasy management console v1.2.2 and StoreEasy Storage Management Provider 3.1.27 using [Windows control panel > Add/Remove Programs](Add/Remove Programs).
2. Download the compressed zip file for the required software version from the [Drivers & software](Drivers & software) page.
   
   If you have the installer file, then you can proceed to Step 6.

3. Click [Download](Download).

4. If you are not logged in, you are prompted to log in to the Hewlett Packard Enterprise website using your HPE Passport account.

5. After you download the required version (HPE StoreEasy management console v1.1.1, v1.2.0, or v1.2.1), copy the compressed zip file to each system on which you want to downgrade the management console.

6. Extract the installer file from the compressed zip file, double click the installer file, and follow the installation instructions.

7. After a successful downgrade, you can access the management console in one of the following ways:
   - Remotely (from a browser): https:\/<IP address>:\<port number>.
   - Double click the shortcut icon created on the desktop of the HPE StoreEasy 1000 Storage system.

### Table 8: Supported Downgrade Paths

<table>
<thead>
<tr>
<th>From Version</th>
<th>To Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2.2</td>
<td>1.2.1</td>
</tr>
<tr>
<td>1.2.2</td>
<td>1.2.0</td>
</tr>
<tr>
<td>1.2.2</td>
<td>1.1.1</td>
</tr>
</tbody>
</table>
Downgrading the management console using the management console

Using the management console, you (Administrator or Operator roles) can downgrade the current management console software version to the immediate previous version.

The management console uninstalls the current installed version and installs the immediate previous version. In general, the current installed version (n) of the management console is uninstalled, then the current version minus one (n-1), that is the immediate previous version, is installed. You can downgrade only to the n-1 version using the management console.

The management console retains the installation files of the n-1 version on the HPE StoreEasy Storage system. They are archived in a secure location: C:\ProgramData\HPE StoreEasy management console\installers\{version}

**NOTE:** By default, this folder is only accessible by the management console and privileged user accounts. Alter the folder only when instructed to by HPE Technical Support, as modifications to the installation files in this folder causes downgrades of the management console to fail.

**Procedure:**

1. Navigate to **Settings > Management console updates**.
2. Click **Actions > Downgrade**.
3. Follow the downgrade instructions displayed in the management console.

During the downgrade, the management console switches to maintenance mode. Maintenance mode prevents configuration corruption and data loss by not allowing any modifications to the system through the management console. In maintenance mode:

- All users using the management console are logged out.
- No users can log in during the downgrade process.
- Only the user initiating the downgrade can view the update progress.
Information about Open Source components

HPE StoreEasy management console uses certain open source libraries for development and are distributed as part of the software installation. In compliance with the relevant open source licensing needs, we have made the information on the license files and source code available for your review. For more information, see the Open Source Download Site.
Hewlett Packard Enterprise Privacy practices

Personal data, such as name, phone number, IP Address and email address, is being requested for communication from HPE when a system issue in need of attention has been detected. Personal data will be used only for the purposes of providing support and optimization. For further information about HPE’s privacy practices, please visit HPE’s Privacy Statement.
Related information

The latest documentation for HPE StoreEasy Storage systems is available at [HPE Documentation Library](https://www.hpe.com/hpowershop/).
Hewlett Packard Enterprise is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to Documentation Feedback (docsfeedback@hpe.com). When submitting your feedback, include the document title, part number, edition, and publication date located on the front cover of the document. For online help content, include the product name, product version, help edition, and publication date located on the legal notices page.