

HPSA Extension Pack

Release Notes V6.1



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Document id: pd002302

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1 Introduction

This document provides late-breaking information about the Extension Pack V6.1 for Service Activator product. It specifies the system requirements as well as known issues and workarounds.

Note that you must read the Extension Pack *Installation Guide* prior to installing the product. This guide can be found on the distribution DVD in the `/Documentation` directory.

The DVD containing the Extension Pack for Service Activator is organized as follows:

`/Binaries`: Contains a zip file which contains the Extension Pack kit for all supported platforms

`/Documentation`: Contains all product documentation,

`/ReadMe`: Location of the end user license agreement

`/OpenSource`: Contains terms and conditions for Open Source software used in Extension Pack, including source code for all Open Source components

1.1 Required hardware and software

Extension Pack meets the same hardware and software requirements as Service Activator. Please refer to the Service Activator *Installation Guide* to acknowledge the minimum requirements needed for the installation of the Extensions Pack and the required software.

1.2 Acronyms

MWFM: Micro Work Flow Manager

HPSA: HP Service Activator

EP: Extension Pack

SC: Solution Container

LM: Lock Manager

ECP: Equipment Connection Pool

2 Changes and Defect Fixes

This section provides a list of changes to the product since Extension Pack V6.1 for Service Activator that is visible to end users and/or system integrators. It also lists defect fixes.

2.1 Changes

Database

- Added support for using Postgres Plus Advanced Server as the system and inventory database for HP Service Activator.

NOTE: Extension Pack 6.1 as well as Service Activator 6.1 still supports Oracle 11g as well as Postgres Plus Advanced Server.

ECP

- ECP is prepared to look for error strings in the full Rx data.
- Database connection pooling is accepted.

SOSA

- Management of partitioned tables has been improved.
- New Adaptive Service Action Executor available.

Solution Container

- A new `menudata` tool is provided to allow the definition of new solutions for the Solution Container.

2.2 Defect Fixes

ECP

- Fixed a problem in ECP templates which caused that the command `TEMPLATE:DefaultNonError` was replacing the contents of `TEMPLATE:DefaultError`.
Now, the `default_non_error` is treated separately than `default_error`.
- Performance data gathering and storing had a potential memory leak that has been fixed. This only happened when working with static pools.
- The field `ErrorMessage` which is part of the Common Configurations Management was not properly shown in the user interface.
- Fixed a problem in the log file rolling by size which caused several failures that made impossible to use that feature.

Solution Container

- Branches and operations were not displayed when there was more than one view deployed in the system and that view belonged to no solution.
- Fixed an issue in the log-in process which caused a slow performance when the system contained a number of inventory views due to a problem in the permission management.
- Fixed a problem which made impossible to assign roles to a view which does not contain branch types or operation types.
- Fixed a problem that was obtained in some scenarios when searching Stored Searches and made impossible to execute searches

2.3 Known issues

- In some cases, the Sugiyama sorting algorithm in XMaps doesn't sort the elements properly.
- Auditor seems to have problems when auditing Workflows nodes.
- In HP-UX, Lock Manager and ECP scripts fail on Java 6.0_11 and 6.0_12 with the error:

```
Unrecognized option: -XdoCloseWithReadPending
Could not create the Java virtual machine.
```

To fix these error upgrade to JDK 6.0_13 or later.

- In HP-UX, Lock Manager and ECP scripts fail to properly establish environment variables:

```
bin/StopServer.sh[3]: Syntax error at line 31 : `==' is not expected.
Connecting to rmi:///
bin/StopServer.sh[17]: /bin/java: not found.
```

To fix this error, replace the line:

```
if [[ "${URL_HOST}" == *.* ]]; then URL_HOST=${RMI_HOST}; fi
```

with

```
if [[ "${URL_HOST}" = *.* ]]; then URL_HOST=${RMI_HOST}; fi
```

In both `$ECP_BIN\setenv.sh` and `$LM_BIN\setenv.sh`.

- SNMP Tool Equipment Search fails if Manufacturer, Network Element Type are used.

3 Code Signing

This Software Product from HP is digitally signed and accompanied by Gnu Privacy Guard (GnuPG) signatures. HP strongly recommends using signature verification on its products, but there is no obligation. Customers will have the choice of running this verification or not as per their IT Policies.

3.1 Installing and Configuring Gnu Privacy Guard (GnuGP)

If you do not already have GnuGP installed, you will first need to download and install it. For information about obtaining and installing GnuGP, see <http://www.gnupg.org>.

Before verifying the signatures delivered on the HP Service Activator DVD, you need to configure GnuGP for accepting the HP signature. To do this, follow these steps:

1. Log on your system
2. Get the HP public key from following location:
`https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=HPLinuxCodeSigning`
Save the key as `hpPublicKey.pub`.
3. Import the key into GnuPG by running this command:
`gpg --import hpPublicKey.pub`

3.2 Verifying the Authenticity and Integrity of the Software

The procedures listed below allow you to assess the integrity of the software before installing it, by verifying the signatures of the software packages.

From a command prompt, go to the `/Binaries` directory on the DVD and run the following commands:

```
gpg --verify HPSAEP61.zip.sig HPSAEP61.zip
```

Look for the following output from the `gpg` command:

```
gpg: Good signature from "Hewlett-Packard Company (HP Codesigning Service)"
```