

HP OpenView Operations Manager Integration

Support Information

Enterprise Random Password Manager (ERPM) provides auto discovery of all account usage when managing HP OpenView Operations Manager running on all supported versions of Microsoft Windows.

This version of the documentation has been reviewed against version 8.1 of the Operations Manager product running on the 32-bit version of Microsoft Windows 2003. All Microsoft Windows versions of Operations Manager should work with ERPM without any difficulties. For installation and operation details, please see the ERPM Installation and User guides.

Product Installation

Upgrades

There are no specific steps necessary to support older or newer versions of HP OpenView Operations Manager. ERPM will automatically detect all credential usages and update any modified credential usage patterns.

Configuration

There are no specific configuration steps. The user of ERPM will need to provide the identities of all servers running the HP software as well as all account storage directories (i.e. domain controllers) referenced by the software. No changes are needed on the servers running the HP software. No agents are used by the ERPM software on the HP systems.

Licensing

Each server running the HP software will require licensing in ERPM. The ERPM software is managed by node count including the domain controller or directory server(s). No special licensing is needed on the target HP systems.

Uninstall

Since there are no changes made to the configuration of the systems running the HP software, there is no uninstall or install procedure. The software will automatically negotiate access to the credential storage mechanisms maintained by the operating system.

Operating System Coexistence

The ERPM product conforms to best practices defined by Microsoft as part of the Server 2008 logo certification program. The ERPM product has passed the 3rd party Microsoft certification process.

User Model

The ERPM product may be run on the same server provided for use by the HP OpenView Operations Manager product. Note that additional memory, disk space and database access may be needed for proper operation (see the ERPM installation guide for minimum prerequisites). There is no interference or dependency for any specific HP software resources, nor are there any known conflicts.

HP Software Symbols

No HP OpenView Operations Manager symbols are used by ERPM.

Internationalization and localization

The ERPM product is fully UNICODE enabled. All international versions of the HP OpenView Operations Manager product are fully compatible. All accounts used by the HP OpenView Operations Manager are displayed in their native UNICODE language.

Agent Coverage

There is no interference or use of agents (HTTPS or otherwise).

Server Installation Requirements

Installation of the ERPM product is via a Windows certified installer that uses wizards for all configuration steps. There are no manual file editing steps. Installation takes less than one hour if server prerequisites are met. The ERPM product is designed and certified to be run (optionally) on a clustered server. The web interface of the ERPM product (not required for HP usage) supports network load balancing (NLB) in a clustered environment.

Ongoing or Periodic Configuration

No reboots are required on either the host or managed systems during normal operation. Note that during credential change process, there is a period of unavailability for the HP OpenView Operations Manager system as the services and components within the HP product are restarted. This period of unavailability is usually less than 60 seconds per server and only occurs during password change. This is a function of the operating system and the way it handles credentials.

De-installation

There is no installation or de-installation on the managed HP OpenView Operations Manager systems.

Locations and Folders

No modification of files, directories or storage is performed on the HP OpenView systems.

Policy Names

No policy names are used by ERPM.

Policy Descriptions

No policy descriptions are used by ERPM.

Policy Conventions

No policy conventions are used by ERPM.

Nodes and Node Groups

No nodes or node groups are involved in the function of ERPM.

Services and Service Hierarchies

ERPM actively analyzes services as well as DCOM, COM/COM+ objects and prepares dependency analysis to assure that services and objects are stopped and started in the correct order when credential updates are performed.

Messages

No messages are passed to the HP product as part of the credential management process.

Command Pathnames

No commands or pathnames are passed to HP OpenView Operations Manager.

Tool Names and Groups

No tools or groups are used by ERPM.

Program Return Values

No program return values are passed in HP OpenView Operations Manager.