

# HP OpenVMS

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## PERFDAT V4.3

### Installation and Upgrade Manual

January 2010

**Revision/Update Information**  
**Software Version**  
**Operating System Version**

New manual.  
HP PERFDAT V4.3  
OpenVMS AXP V7.3-2 & higher  
OpenVMS IA64 V8.2 & higher



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**January 2010**

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## Preface

This manual includes:

- HP PERFDAT V4.3 installation and upgrade description
- Description of the uninstall procedure
- Collection, Trend and Capacity reports provided by the installation procedure

### Audience

This manual provides a detailed description of the HP PERFDAT installation, upgrade and uninstall procedure. The reader should be familiar with

- HP PERFDAT – Release Notes
- HP PERFDAT – Architecture and Technical Description
- HP PERFDAT – PERFDAT\_MGR Reference Manual

### Document Structure

- Chapter 1 Getting Started
- Chapter 2 Installing HP PERFDAT
- Chapter 3 Upgrading HP PERFDAT
- Chapter 4 Uninstalling HP PERFDAT

### Conventions Used in this Manual

Special	in examples indicates text that the system displays or user type input.
UPCASE	in a command represents text that you have to enter as shown.
Lowercase	indicates variable information that a user supplies.
Italics	
[ ]	in a command definition, enclose parts of the command that a user can omit.
Key	indicates a named key on the keyboard; for example, RETURN
CTRL/x	is the symbol used to represent the pressing of a control key. It indicates that the user holds down the key marked Ctrl and press the appropriate key.

---

## Getting Started

### *Supported OpenVMS versions*

HP PERFDAT V4.3 supports the following OpenVMS versions:

- OpenVMS V7.3-2 AXP
- OpenVMS V8.2 AXP
- OpenVMS V8.3 AXP
- OpenVMS V8.2 IA64
- OpenVMS V8.2-1 IA64
- OpenVMS V8.3 IA64
- OpenVMS V8.3-1H1 IA64

### *Preparing to install/upgrade HP PERFDAT*

Installing or upgrading HP PERFDAT takes just a few minutes to complete. No reboot is required after the installation. Please review the following pre-installation tasks before installing or upgrading HP PERFDAT on your system.

The installation procedure automatically detects the action to perform - to upgrade or to install HP PERFDAT. If an older version of HP PERFDAT is installed and a valid HP PERFDAT configuration exists, the installation procedure performs an upgrade. Otherwise the installation procedure performs a full installation. In any case you have to be logged in as SYSTEM otherwise the upgrade and installation procedure fails.

### Pre-installation Tasks

Step	Tasks to perform ...
1	Inspect the distribution kit
2	Review documentation
3	Back up the system disk
4	Check the disk space, memory and system parameters
5	Collect information for installation/upgrade

## Inspecting the Distribution Kit

Make sure you have a complete software distribution kit. It should contain the following files.

HP PERFDAT Installation Kit:

- PERFDAT043.A

HP PERFDAT documentation

- DQL\$\_REFERENCE\_V43.PDF  
HP PERFDAT V4.3 - DQL\$ Reference Manual
- PERFDAT\_API\_USERS\_GUIDE\_V43.PDF  
HP PERFDAT V4.3 – Application Programming Interface User’s Guide
- PERFDAT\_ARCH\_TECH\_V43.PDF  
HP PERFDAT V4.3 - Architecture and Technical Description Manual
- PERFDAT\_INSTAL\_V43.PDF  
This manual
- PERFDAT\_MGR\_REFERENCE\_V43.PDF  
HP PERFDAT V4.3 - PERFDAT\_MGR Reference Manual
- PERFDAT\_RELEASE\_V43.PDF  
HP PERFDAT V4.3 - Release Notes.

## Review documentation

In addition to reviewing the information in this chapter, you might need to refer to the following sources of information as well:

- HP PERFDAT V4.3 – Release Notes
- HP PERFDAT V4.3 – Architecture and Technical Description
- HP PERFDAT V4.3 – PERFDAT\_MGR Reference Manual

## Backing Up the System Disk

Before you install HP PERFDAT, HP recommends that you back up the system disk using the backup procedures established at your site.

For information about backing up a system disk, see the HP OpenVMS System Manager’s Manual Essentials.

## Checking the Disk Space

Disk space required for installation                      ca. 1.000,000 blocks

Disk space required for data files:

This depends on the sample interval of the data collection and on the amount of collected items (statistics). The data file size of a collection with 120 sec interval on a stand alone node with 10 disks, 100 concurrent processes will be approximately 400,000 blocks (per node and day).

## Checking the Physical Memory and System Parameters

WSMAX                      65535 pagelets

If the current value is smaller you will not have to reboot your system immediately since the SW-components will run even if the value is smaller, but plan to increase WSMAX. A smaller value of WSMAX may affect the performance of the OpenVMS data collector.

KSTACKPAGES            minimum: 2    recommended: 3

Do not install HP PERFDAT V4.3 if the value of KSTACKPAGES is smaller than 2. The recommended value is 3 or greater.

---

## Installing HP PERFDAT

The installation procedure automatically performs a full installation of HP PERFDAT if no valid HP PERFDAT configuration exists on the node you are installing HP PERFDAT.

### *Installation inquiries*

If you are installing HP PERFDAT, the installation procedure prompts you for the following information:

- Enter the cluster members to install HP PERFDAT. HP PERFDAT Installation procedure provides the feature to install HP PERFDAT cluster-wide via a single cluster member. The prerequisite is that the HP PERFDAT common resource disk is mounted on all cluster members you select to install HP PERFDAT on.
  - You can select all cluster members
  - Or enter a sub-set of the cluster members as a comma separated list.
- Enter the disk device to install common resources (images, CFG files, archive files ...)
  - This is the HP PERFDAT common disk. Select a disk that is mounted on all cluster members you have selected to install HP PERFDAT. If some of the selected cluster members cannot access this disk the installation of HP PERFDAT fails for these cluster members.
  - Make sure that high-water marking is disabled on the volume
  - Make sure caching is enabled for the device
- Enter the data collector working disk device
  - If you perform a cluster-wide HP PERFDAT installation or you selected a sub-set of cluster members that contains more than one node, make sure, that this disk is mounted by all selected cluster members to install HP PERFDAT
  - The data collectors (OpenVMS data collector and SNMP extension) write to this device
  - Choose device with low I/O activity.
  - Make sure that high-water marking is disabled on that volume
  - Make sure caching is enabled for the device
- Enter the node name of the archive node

- If you intend to use an archive node make sure that FTP client is enabled on the local node
- The UIC for the DQL\$SRV account used by all components of the DQL Query interface.
  - The default UIC for the DQL\$SRV account is [520,1]. Check that the UIC is not being used by another account.
- Enter valid license keys.
  - If you install HP PERFDAT the first time for temporary usage and you do not have a valid license, ignore the input request. In that case the installation procedure continues and applies a 30 day full temporary license key.
- Enter the community members as a comma separated list
  - No quotation marks
- You can customize HP PERFDAT during installation

## *Special instructions for cluster installation*

- Make sure that the HP PERFDAT common resource and working device are mounted on all cluster members you select to install HP PERFDAT.
  - Perform all post-installation activities as described in section [Post-installation tasks](#).

## *Invoke the installation procedure*

This section explains how to install HP PERFDAT software as a layered product using VMSINSTAL utility.

When you have completed the recommended pre-installation tasks outlined in the previous section, you are ready to install HP PERFDAT.

Before installing HP PERFDAT on a cluster member please refer to the chapter [Special Instructions for cluster installation](#).

To install the HP PERFDAT software on an OpenVMS Alpha system or OpenVMS IA64 system, proceed as follows:

- Log into the SYSTEM account.
- HP recommends that you log the installation procedure. If you have DECNET configured on your system, you can create a log of the installation procedure by entering the following command and then login to the system account again

```
$ SET HOST 0/LOG=file-name
```

The log file is written to the current directory.

- Start the VMSINSTAL. For example

```
$ @SYS$UPDATE:VMSINSTAL PERFDAT043 disk:[directory]
```

disk:[directory] defines the directory the HP PERFDAT installation kit resides.

## Stepping through the installation procedure

During installation you are asked for several installation and configuration options. Before each inquiry explanatory information is displayed.

---

### Note

To stop the installation at any time, press Ctrl/Y. The installation procedure deletes any files that were created and then exits.

---

The installation procedure provides default collection profiles and reports for any supported system (OpenVMS, Tru64, HP StorageWorks Virtual Arrays, Solaris, Linux and Brocade). If the installation procedure succeeds HP PERFDAT is started on cluster member you have selected to install HP PERFDAT. Thus, no additional user action is required to launch HP PERFDAT.

## Sample HP PERFDAT installation

Welcome to OpenVMS (TM) Alpha Operating System, Version V7.3-2

Username system  
Password \*\*\*\*\*

Welcome to OpenVMS (TM) Alpha Operating System, Version V7.3-2 on node HOBEL  
Last interactive login on Wednesday, 11-DEC-2009 09:04:28.75  
Last non-interactive login on Wednesday, 09-DEC-2009 11:09:42.25

[\\$ @SYSSUPDATE:VMSINSTAL PERFDAT043 DKA100:\[KITS.PERFDAT043\] OPTIONS NONE](#)

OpenVMS AXP Software Product Installation Procedure V7.3-2

It is 12-DEC-2009 at 09:52.

Enter a question mark (?) at any time for help.

%VMSINSTAL-W-ACTIVE, The following processes are still active:  
MDMSS\$SERVER  
TCPIP\$FTP\_1  
ABS\$COORD\_CLEAN

\* Do you want to continue anyway [NO]? y

\* Are you satisfied with the backup of your system disk [YES]?

The following products will be processed:

PERFDAT V4.3

Beginning installation of PERFDAT V4.3 at 09:52

%VMSINSTAL-I-RESTORE, Restoring product save set A ...

\*\*\*\*\*

HP PERFDAT cluster-wide installation  
-----

This installation procedure provides the feature to install/upgrade  
HP PERFDAT cluster-wide or on multiple cluster members.

The procedure to upgrade HP PERFDAT cluster-wide/on selected cluster  
members is:

- o HP PERFDAT is installed/upgraded locally
- o IVP distributes HP PERFDAT to all cluster members and initiates remote setup processing.

HP PERFDAT remote setup fails if a cluster member does not share the  
the common HP PERFDAT resource device defined when HP PERFDAT was  
installed the first time on the local node, or the logical  
PERFDAT\$COMMON defined on a cluster member does not match this  
logical defined on the local node.

Thus, in order to guarantee that the HP PERFDAT remote setup works,  
perform the checks listed below before you run this installation

procedure:

- o HP PERFDAT installation:  
Check if the device you want to install the common resources of HP PERFDAT (images, CFG, trend files ...) is available and mounted on all cluster members HP PERFDAT will be installed automatically.
- o HP PERFDAT upgrade:  
Check if the logical PERFDAT\$COMMON refers the same directory on all cluster members you want to upgrade HP PERFDAT automatically.

\*\*\*\*\*

\* Do you want to continue [Yes]: [↵](#)

Read the instructions displayed, verify if the prerequisites are fulfilled and enter Yes in order to continue. If you enter No the installation will be terminated.

\* INSTALL HP PERFDAT V4.3 on the entire cluster [Yes]: [No ↵](#)

If you enter Yes the installation procedure automatically checks if the OpenVMS versions installed on all cluster members are supported by HP PERFDAT V4.3, and adds these cluster members to the installation nodes list.

If you choose No, you are prompted to select the cluster nodes to add to the installation nodes list manually.

HP PERFDAT V4.3 will be installed on all cluster members listed in the installation nodes list.

Cluster Members

```

-----
TYCHE
BCSXTC
VMSTM2
HOBEL

```

\* Enter the cluster members to be processed as a comma separated list [HOBEL]: [HOBEL,VMSTM2 ↵](#)

Enter the cluster members to be added to the installation nodes list as a comma separated list. In this example the nodes HOBEL and VMSTM2 are selected to install HP PERFDAT V4.3.

If the OpenVMS version installed on one of the selected cluster members is not supported by HP PERFDAT this cluster member is automatically removed from the upgrade nodes list.

```

*****
*                                     *
*           Performance Data toolset   *
*                                     *
*           HP-PERFDAT V4.3           *
*                                     *

```

```

*
*
*           Installation Procedure
*
*           Copyright 2009, Hewlett-Packard Austria
*
*
*****

```

This kit installs the

HP PERFDAT OpenVMS data collector	PERFDAT	V4.3,
HP PERFDAT management interface	PERFDAT_MGR	V4.3,
HP PERFDAT Archive Server	PERFDAT_ARCHIVE	V4.3,
HP PERFDAT Auto-Report Engine	PERFDAT_AUTOREP	V4.3,
HP PERFDAT remote monitoring server	PDM\$SRV	V4.3,
HP PERFDAT Database Connectivity Server	PDBC\$SRV	V4.3,
HP PERFDAT DATA Query server	DQL\$SRV	V4.3,
HP PERFDAT DATA Query interface	DQL\$	V4.3,
HP PERFDAT DATA Query name service	DQL_NAME	V4.3,
HP PERFDAT EVA agent	PERFDAT_EVA_WRK	V4.3,
HP PERFDAT EVA agent control	PERFDAT_EVA_MASTER	V4.3,
HP PERFDAT SNMP agent	PERFDAT_SNMP_WRK	V4.3,
HP PERFDAT SNMP agent control	PERFDAT_SNMP_MASTER	V4.3

HP PERFDAT API	PERFDAT_API_AXP.OLB	V4.3
	PERFDAT_API_IA64.OLB	V4.3

Tools:	PERFDAT_IMPORT_RDB	V4.3
	PERFDAT_EVATEST	V4.3
	PERFDAT_CSV2PNG	V4.3
	IMPORT_LOAD_CACHE.COM	
	PERFDAT_LOADCSV.COM	
	DQLGETTOPSTAT.COM	
	NET-SNMP_TEST.COM	

\* Do you want to purge files replaced by this installation [YES]?

\*\*\*\*\*

To start HP PerfDat automatically on all selected cluster members  
enable IVP run.

\*\*\*\*\*

\* Do you want to run the IVP after the installation [YES]?

An IVP run is required to distribute HP PERFDAT V4.3 to all cluster members you have selected to install HP PERFDAT and to start-up HP PERFDAT automatically after installation. Thus, if you do not want to distribute HP PERFDAT to the selected cluster members and you do not want to start HP PERFDAT on any node automatically after installation enter No.

\* Enter device to install common resources (images, CFG files, archive files ...): \$1\$DGA1:

You are asked for the device to store the common resources of HP PERFDAT. If you want to install HP PERFDAT in a cluster it is recommended to enter a cluster common disk.

In this example the directories:

- PERFDAT\$ALERT
- PERFDAT\$BIN

- PERFDAT\$COMMON:[BIN.AXP.V732]
- PERFDAT\$COMMON:[BIN.AXP.V82]
- PERFDAT\$COMMON:[BIN.AXP.V83]
- PERFDAT\$COMMON:[BIN.IA64.V82]
- PERFDAT\$COMMON:[BIN.IA64.V821]
- PERFDAT\$COMMON:[BIN.IA64.V83]
- PERFDAT\$COMMON:[BIN.IA64.V831]
- PERFDAT\$CFG
- PERFDAT\$DB\_ARCHIVE
- PERFDAT\$DB\_SAVE
- PERFDAT\$DB\_TREND
- PERFDAT\$GRAPH
- PERFDAT\$HELP
- PERFDAT\$LOAD
- PERFDAT\$TOOLS
- PERFDAT\$COMMON:[TOOLS.AXP.V732]
- PERFDAT\$COMMON:[TOOLS.AXP.V82]
- PERFDAT\$COMMON:[TOOLS.AXP.V83]
- PERFDAT\$COMMON:[TOOLS.IA64.V82]
- PERFDAT\$COMMON:[TOOLS.IA64.V821]
- PERFDAT\$COMMON:[TOOLS.IA64.V83]
- PERFDAT\$COMMON:[TOOLS.IA64.V831]
- PERFDAT\$COMMON:[LOAD.PROCESSED]
- PERFDAT\$STARTUP
- PERFDAT\$SUPPORT

will be created on \$1\$DGA1, and \$1\$DGA1:[PERFDAT.] will be assigned to the concealed device PERFDAT\$COMMON.

\* Enter data collector working device: [\\$1\\$DGA2: ↵](#)

You are asked to define the device to create the working directory used by the OpenVMS data collector and the SNMP extension to create their performance data collection files.

If you perform a cluster-wide HP PERFDAT installation or you selected a sub-set of cluster members that contains more than one node, make sure, that this disk is accessible and mounted by all selected cluster members to install HP PERFDAT.

In this example the working directory

- PERFDAT\$DB\_LOCAL

will be created on \$1\$DGA2, and \$1\$DGA2:[PERFDAT.] will be assigned to the concealed device PERFDAT\$SPECIFIC.

\* Do you want to use an archive node in your environment for archiving performance data [No]: [Yes ↵](#)

Decide if you want to offload the data collected to an archive node periodically.

\* Enter the node name of the archive node: [VMSTM1](#) ↵

Enter the name of the archive node. If the node name entered is the name of the node you are actually installing HP PERFDAT, this node is identified as an archive node.

In this example node VMSTM1 will be the archive node for all cluster members listed in the installation nodes list.

\* Host trend data files created by the auto-trend engine on the archive node [Yes]: ↵

Decide if trend data files created by the auto-trend engine will be created on the archive node or on the local node.

\* Enter UIC for DQL\$SRV account (Format [g,m]) [[520,1]] ↵

Choose a UIC for creating the account DQL\$SRV. All SW-components of the PERFDAT Query Interface use the DQL\$SRV account.

%UAF-I-ADDMSG, user record successfully added  
%UAF-I-RDBADDMMSGU, identifier DQL\$SRV value [000520,000001] added to rights database  
%UAF-I-MDFYMSG, user record(s) updated

\*\*\*\*\*

#### Community & Database View configuration:

-----

When you are analysing performance data it is very often the case that you are not only interested in the data of a single node but of several nodes in parallel, because e.g. several nodes are running the same application, or the node is a cluster member etc.

Such a group of nodes is called a 'community of interest'.

On the other hand, if you drive a big environment with several clusters and/or different applications running on the nodes, it may be confusing to get the whole database view (= performance data of all the nodes in your environment) when connecting via this node.

\*\*\*\*\*

\* Enter nodes that belong to the 'community of interest' [VMSTM1] [HOBEL](#), [VMSTM1](#) ↵

Enter all members of the community the local node is member of. For more information about communities please see chapter [PERFDAT Environment](#), [PERFDAT distribution performance database](#) and [PERFDAT Query Interface \(DQL\)](#) of the manual [HP PERFDAT – Architecture and Technical Description](#).

\*\*\*\*\*

License Key query

If you don't have a valid license key PerfDat will be installed for temporary usage. The first time Perfdat is launched it registers itself with a 30 day temporary license key.

Contact your local support for obtaining a license key.

\*\*\*\*\*

\* Do you want to apply an Authorization key [Y] N ↵

Authorization key input loop:

If you have valid license keys enter Yes and enter the license key at the license input prompt. The license key inquiry is repeated until you enter No.

Once you terminated the license Authorization input loop, and you have not applied at least one license key HP PERFDAT automatically applies a 30 days temporary license key if HP PERFDAT is installed the first time.

\* Create/modify HP PERFDAT V4.3 startup and run scripts ...

\* Apply/modify HP PERFDAT V4.3 default configuration ...

\*\*\*\*\*

OpenVMS auto-config option:

With the auto-config option all members of the cluster you are installing HP PERFDAT are automatically added to the auto-start table of the HP PERFDAT configuration database. The installation procedure assigns the collection profile DEFAULT to all cluster members in the auto-start collection profile. The effect of adding a node to the auto-start table is:

- If the local node is registered in the auto-start table a data collection is automatically started when launching the PERFDAT OpenVMS data collector using the collection profile defined. Thus, a performance data collection using the collection profile DEFAULT will be started automatically after the installation succeeded, since the PERFDAT OpenVMS data collector is launched during the IVP run.

Predefined report profiles are applied to the PERFDAT configuration database (BASELINE, WEEK, MONTH, QUARTER, YEAR) and the auto-trend engine will be configured. Thus, depending if these predefined report profiles meet your requirements no further user action is required to create trend and capacity reports.

\*\*\*\*\*

\* Do you want to auto-configure HP PERFDAT [YES]: ↵

With the OpenVMS auto-configuration option all cluster members of the installation nodes list (= cluster members to install HP PERFDAT) are automatically added to the auto-start table of the PERFDAT configuration database. The collection profile DEFAULT valid for OpenVMS applied by the installation procedure will be used as the auto-start collection profile for these nodes.

The effect of adding a node to the auto-start table is:

- If the local node is registered in the auto-start table a data collection is automatically started when launching the PERFDAT OpenVMS data collector using the collection profile defined. Thus, a performance data collection using the collection profile DEFAULT will start automatically after the installation succeeded, since the PERFDAT OpenVMS data collector is launched during the IVP run.
- Predefined report profiles are applied to the PERFDAT configuration database (BASELINE, WEEK, MONTH, QUARTER, YEAR) and the auto-trend engine will be configured. Thus, depending if these predefined report profiles meets your requirements no further user action is required to create trend and capacity reports.

For more detailed information about the auto-start table of the PERFDAT configuration database please refer to the manuals [HP PERFDAT – Architecture and Technical Description](#) and [HP PERFDAT – PERFDAT\\_MGR Reference Manual](#).

\* Do you want to enable default alerting [No]: ↵

HP PERFDAT provides performance alerting (watchdog) features for real time monitoring of dedicated statistics collected by an active performance data collection. Whenever one of these statistics exceeds free definable thresholds for a definable period of time the system manager will be alerted via OPCOM messages and user definable command procedures.

The statistics to monitor, the warning and critical threshold values, the file names of the user definable command procedures etc. are defined by an alert definition file.

If you enter Yes online alerting will be enabled for all auto-start entries created by the installation procedure (= installation nodes list). The default alert definition file

- PERFDAT\$CFG:PERFDAT\_ALERT\_OPENVMS.CFG applied by the installation procedure will be used.

For more detailed information about online alerting please refer to the manuals [HP PERFDAT – Architecture and Technical Description](#) and [HP PERFDAT – PERFDAT\\_MGR Reference Manual](#).

\* Create auto-start entries in the HP PERFDAT configuration database ...

\*\*\*\*\*

#### PERFDAT post-installation activities

-----

Please add the following line to your site-specific startup procedure in order to startup the data collector and the SNMP extension automatically

```
$ @SYS$STARTUP:PERFDAT$STARTUP.COM
$ @SYS$STARTUP:PERFDAT_EVA$STARTUP.COM
$ @SYS$STARTUP:PERFDAT_SNMP$STARTUP.COM
```

Please add the following line to your site-specific shutdown procedure in order to stop the data collector automatically on shutdown

```
$ MCR PERFDAT_MGR SHUTDOWN ALL
```

If you have configured an archive node make sure that FTP client is enabled and started.

\*\*\*\*\* Caution \*\*\*\*\*

If this is the archive node make sure that FTP server is enabled and started. In addition you have to enable anonymous FTP access to PERFDAT\$DB\_ARCHIVE directory manually. Do the following

- 1) enable anonymous FTP on the archive node
- 2) define the logical TCPIP\$FTP\_ANONYMOUS\_DIRECTORY (exec)

The logical TCPIP\$FTP\_ANONYMOUS\_DIRECTORY is a search list defining all the directories visible to the Anonymous account.

For more information see the manual 'TCP/IP services for OpenVMS'

\*\*\*\*\*

\* \* :

\* PERFDAT\$CFG:PERFDAT\_OPENVMS\_DOCU\_V43.ZIP

\* This ZIP files contains the HP PERFDAT V4.3 documentation in PDF format

If you enabled IVP, HP PERFDAT will be distributed and installed on all cluster members of the selected installation nodes list.

%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target directories...

\*\*\*\*\*

#### SETUP HP PERFDAT on selected cluster members

-----

IVP starts to distribute HP PERFDAT to the selected cluster members.

HP PERFDAT setup may fail on some of the cluster members in case the

they do not share the common HP PERFDAT resource device:

\$1\$DGA1:

or the logical PERFDAT\$COMMON on the cluster node do not refer to the directory HP PERFDAT was currently installed/upgraded.

\*\*\*\*\* IMPORTANT \*\*\*\*\*

Please check the output of the setup procedure. If the messages of the setup procedures show that the HP PERFDAT setup has failed on some of the cluster members, please run this installation procedure on these cluster members manually again.

\*\*\*\*\*

%SYSMAN-I-ENV, current command environment:

Individual nodes: HOBEL

Username SYSTEM will be used on nonlocal nodes

%SYSMAN-I-OUTPUT, command execution on node HOBEL

PERFDAT-I-INSTAL, start performing HP PERFDAT setup check on node HOBEL

PERFDAT-I-INSTAL, deassigning HP PERFDAT logicals on node HOBEL

PERFDAT-I-INSTAL, upgrading HP PERFDAT on node HOBEL

PERFDAT-I-INSTAL, upgrading decriptor table of the HP PERFDAT cfg database on node HOBEL

PERFDAT-I-INSTAL, ignore PERFDAT\_MGR warning messages

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

%SYSMAN-I-OUTPUT, command execution on node VMSTM2

PERFDAT-I-INSTAL, start performing HP PERFDAT setup check on node VMSTM2

PERFDAT-I-INSTAL, deassigning HP PERFDAT logicals on node VMSTM2

PERFDAT-I-INSTAL, upgrading HP PERFDAT on node VMSTM2

PERFDAT-I-INSTAL, upgrading decriptor table of the HP PERFDAT cfg database on node VMSTM2

PERFDAT-I-INSTAL, ignore PERFDAT\_MGR warning messages

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

%SYSMAN-I-OUTPUT, command execution on node HOBEL

PERFDAT\_MGR-W-NOTRUN, data collector not running

Job PERFDAT\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 242) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, perfdat environment launched

Job PERFDAT\_SNMPS\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 243) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, PERFDAT\_SNMP launched

%SYSMAN-I-OUTPUT, command execution on node VMSTM2

Job PERFDAT\_EVA\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 244) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, PERFDAT\_EVA launched

%SYSMAN-I-OUTPUT, command execution on node VMSTM2

PERFDAT\_MGR-W-NOTRUN, data collector not running

Job PERFDAT\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 245) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, perfdat environment launched

Job PERFDAT\_SNMPS\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 246) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, PERFDAT\_SNMP launched

Job PERFDAT\_EVA\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 247) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, PERFDAT\_EVA launched

\*\*\*\*\*

HP PERFDAT cluster-wide startup check

-----  
IVP checks after 60 sec if HP PERFDAT V4.3 is started on all selected cluster members.

\*\*\*\*\*

%SYSMAN-I-ENV, current command environment:  
Individual nodes: HOBEL, VMSTM2  
Username SYSTEM will be used on nonlocal nodes

%SYSMAN-I-OUTPUT, command execution on node HOBEL  
-----  
Active Collections Type Node  
-----  
DEFAULT OPENVMS HOBEL

%SYSMAN-I-OUTPUT, command execution on node VMSTM2  
-----  
Active Collections Type Node  
-----  
DEFAULT OPENVMS VMSTM2

Installation of PERFDAT V4.3 completed at 09:58

Adding history entry in VMI\$ROOT:[SYSUPD]VMSINSTAL.HISTORY

Creating installation data file: VMI\$ROOT:[SYSUPD]PERFDAT043.VMI\_DATA

VMSINSTAL procedure done at 09:59

## Post-installation tasks

After the installation completes, perform the following steps

### On all nodes:

- Make sure that FTP client is enabled, if you are using default archiving transport (TCP/IP)
- If you intend to use other products (DECnet, MultiNet,...) do the following
  - Define PERFDAT logicals by executing [@SYS\\$STARTUP:PERFDAT\\$LOGICALS.COM](#)
  - Replace COPY/FTP command by the corresponding command in [PERFDAT\\$BIN:PERFDAT\\_ARCHIVEFILES.COM](#)
- For automatic PERFDAT start-up add
  - [@SYS\\$STARTUP:PERFDAT\\$STARTUP.COM](#) to [SYS\\$STARTUP:SYSTARTUP\\_VMS.COM](#) to launch the OpenVMS data collector & DQL interface when booting the node.
  - [@SYS\\$STARTUP:PERFDAT\\_SNMP\\$STARTUP](#) to [SYS\\$STARTUP:SYSTARTUP\\_VMS.COM](#) to launch the PERFDAT SNMP extension when booting the node.
  - [@SYS\\$STARTUP:PERFDAT\\_EVA\\$STARTUP](#) to [SYS\\$STARTUP:SYSTARTUP\\_VMS.COM](#) to launch the PERFDAT EVA extension when booting the node.

---

#### Note

TCP/IP has to be started before executing these start-up scripts. Thus, make sure that these start-up scripts are placed after the start-up command for TCP/IP in [SYSTARTUP\\_VMS.COM](#).

---

- Add the HP PERFDAT shutdown command
  - [MCR PERFDAT\\_MGR SHUTDOWN ALL](#) to [SY\\$MANAGER:SYSHUTDOWN.COM](#).

---

#### Note

Make sure TCP/IP will be shutdown after executing the HP PERFDAT shutdown in [SY\\$MANAGER:SYSHUTDOWN.COM](#). Otherwise the shutdown sequence may hang.

---

- Check the auto-archiving parameters. The installation procedure enables auto-archiving. The archiving time of day defined by the installation procedure is 02:00 h. Check if these meets your requirements and re-configure the auto

archiving process and the auto-archiving table of the PERFDAT configuration database.

For detailed information about the auto-archiving process, the auto archiving table of the PERFDAT configuration database and how to configure them please refer to the manuals [HP PERFDAT – Architecture and Technical Description](#) and [HP PERFDAT – PERFDAT\\_MGR Reference Manual](#).

- Configure to HP PERFDAT to run non OpenVMS data collections vis the HP PERFDAT EVA extension and the HP PERFDAT SNMP extension

For detailed information about how to configure non OpenVMS data collections using the HP PERFDAT EVA extension (HP StorageWorks Virtual Array data collector) and the HP PERFDAT SNMP extension (remote node performance data collector) please refer to the manuals [HP PERFDAT – Architecture and Technical Description](#) and [HP PERFDAT – PERFDAT\\_MGR Reference Manual](#).

On the archive node (additional actions):

- Using TCPIP (default)
  - Create anonymous FTP account using:  
[@SYS\\$STARTUP:TCPIP\\$CONFIG.COM](#)
  - Define anonymous FTP directory  
[\\$DEFINE/SYSTEM - TCPIP\\$FTP\\_ANONYMOUS\\_DIRECTORY - PERFDAT\\$DB\\_ARCHIVE](#)
- Any other product à see product description

On the cluster members you have installed HP PERFDAT recently:

- Check if the predefined collection profiles DEFAULT valid for OpenVMS, Tru64, Solaris, Linux, Brocade switches and HP StorageWorks Virtual Arrays have been added to the collection profile table of the PERFDAT configuration database and if they match the report profiles listed in Appendix A:
  - [MCR PERFDAT\\_MGR SHO PROFILE DEFAULT](#)
- Check if the predefined report profiles BASELINE, WEEK, MONTH, QUARTER and YEAR valid for OpenVMS, Tru64, Brocade switches and HP StorageWorks Virtual Arrays have been added to the report profile table of the PERFDAT configuration database and if they match the report profiles listed in Appendix A:
  - [MCR PERFDAT\\_MGR SHO REPORT BASELINE](#)

- MCR PERFDAT\_MGR SHO REPORT WEEK
- MCR PERFDAT\_MGR SHO REPORT MONTH
- MCR PERFDAT\_MGR SHO REPORT QUARTER
- MCR PERFDAT\_MGR SHO REPORT YEAR
- Check if all configured collections are active:
  - MCR PERFDAT\_MGR SHO COLLECTION /BRIEF  
If some collections are missing, re-launch the HP PERFDAT environment:
    - MCR PERFDAT\_MGR SHUTDOWN ALL
    - MCR PERFDAT\_MGR LAUNCH ALL

## Files provided and updated

This section lists all images, command procedures, configuration, template and help files provided by a full installation of HP PERFDAT V4.3.

### Images

#### OpenVMS V7.3-2 AXP Images:

- PERFDAT\$COMMON:[BIN.AXP.V732]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V732]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V732]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V732]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.2 AXP Images:

- PERFDAT\$COMMON:[BIN.AXP.V82]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PDM\$SRV.EXE (new)

- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V82]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V82]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.3 AXP Images:

- PERFDAT\$COMMON:[BIN.AXP.V83]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V83]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V83]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.2 IA64 Images:

- PERFDAT\$COMMON:[BIN.IA64.V82]DQL\$.EXE (new)

- PERFDAT\$COMMON:[BIN.IA64.V82]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V82]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V82]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.2-1 IA64 Images:

- PERFDAT\$COMMON:[BIN.IA64.V821]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_EVA\_MASTER.EXE (new)

- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V821]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V821]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.3 IA64 Images:

- PERFDAT\$COMMON:[BIN.IA64.V83]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V83]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V83]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.3-1H1 IA64 Images:

- PERFDAT\$COMMON:[BIN.IA64.V831]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_ARCHIVE.EXE (new)

- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V831]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V831]PERFDAT\_XMLTEST.EXE (new)

#### Common Images:

- SYS\$COMMON:[SYSEXE]DQL\$.EXE (new)
- SYS\$COMMON:[SYSEXE]PERFDAT\_MGR.EXE (new)
- SYS\$COMMON:[SYSLIB]KERNEL\_RUNDOWN\_SHR.EXE (new)
- SYS\$COMMON:[SYSLIB]PERFDAT\_XFC\_SHR.EXE (new)

#### Command, startup and setup procedures

- PERFDAT\$BIN:DQLN\$STARTUP.COM (new)
- PERFDAT\$BIN:DQLSRV\$STARTUP.COM (new)
- PERFDAT\$BIN:PDBCSRV\$STARTUP.COM (new)
- PERFDAT\$BIN:PDC\$STARTUP.COM (new)
- PERFDAT\$BIN:PDCA\$STARTUP.COM (new)
- PERFDAT\$BIN:PDCR\$STARTUP.COM (new)
- PERFDAT\$BIN:PDCR\_SNMP\$STARTUP\_x.COM (with x ... 0 to 7) (new)
- PERFDAT\$BIN:PDC\_SNMP\$STARTUP.COM (new)
- PERFDAT\$BIN:PDCR\_EVA\$STARTUP\_x.COM (with x ... 0 to 7) (new)
- PERFDAT\$BIN:PDC\_EVA\$STARTUP.COM (new)
- PERFDAT\$BIN:PDCR\_XML\$STARTUP\_x.COM (with x ... 0 to 7) (new)
- PERFDAT\$BIN:PDC\_XML\$STARTUP.COM (new)
- PERFDAT\$BIN:PDMSRV\$STARTUP.COM (new)
- PERFDAT\$BIN:PERFDAT\_ARCHIVEFILES.COM (new)
- PERFDAT\$BIN:PERFDAT\_CSVPNG.COM (new)
- PERFDAT\$BIN:PERFDAT\_HOUSEKEEPING.COM (new)
- PERFDAT\$BIN:PERFDAT\_MOVEFILES.COM (new)
- PERFDAT\$BIN:PERFDAT\_SNMP\_WRK.COM (new)
- PERFDAT\$BIN:PERFDAT\_EVA\_WRK.COM (new)

- PERFDAT\$BIN:PERFDAT\_XML\_WRK.COM (new)
- PERFDAT\$STARTUP:APPEND\_LOGICALS\_COMMON.COM (new)
- PERFDAT\$STARTUP:CONVERT\_ARCHIVEFILES.COM (new)
- PERFDAT\$STARTUP:CONVERT\_LOGICALS\_COMMON.COM (new)
- PERFDAT\$STARTUP:DQL\$LOGICALS.COM (new)
- PERFDAT\$STARTUP:DQL\_NAME\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PDBC\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PDM\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$CHECK\_SETUP\_V4X.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$OS\_GETVERSION.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$LOGICALS.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$LOGICALS\_COMMON.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$LOGICALS\_SPECIFIC.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$STARTUP\_BATCH.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$UNINSTAL.COM (new)
- PERFDAT\$STARTUP:PERFDAT\_ARCHIVE\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\_SNMP\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\_EVA\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\_XML\$STARTUP.COM (new)
- PERFDAT\$TOOLS:IMPORT\_LOAD\_CACHE.COM (new)
- PERFDAT\$TOOLS:PERFDAT\_LOADCSV.COM (new)
- PERFDAT\$TOOLS:DQLGETTOPSTAT.COM (new)
- PERFDAT\$TOOLS:NET-SNMP\_TEST.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]DQL\_NAME\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]DQL\$LOGICALS.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]DQL\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PDBC\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\$LOGICALS.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\$LOGICALS\_COMMON.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\$STARTUP\_BATCH.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\_ARCHIVE\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\_SNMP\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\_EVA\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\_XML\$STARTUP.COM (new)
- SYS\$SYSROOT:[SYS\$STARTUP]PERFDAT\$LOGICALS\_SPECIFIC.COM (new)
- SYS\$COMMON:[SYSUPD]:PERFDAT\$UNINSTAL.COM (new)

## Configuration files

- PERFDAT\$CFG:PERFDAT\_ALERT\_BROCADE.CFG (new)
- PERFDAT\$CFG:PERFDAT\_ALERT\_OPENVMS.CFG (new)
- PERFDAT\$CFG:PERFDAT\_ALERT\_TRU64.CFG (new)
- PERFDAT\$CFG:PERFDAT\_ALERT\_EVA.CFG (new)
- PERFDAT\$CFG:PERFDAT\_COLLECTION\_DSC\_V732.CFG (new)

- PERFDAT\$CFG:PERFDAT\_COLLECTION\_DSC\_V82.CFG (new)
- PERFDAT\$CFG:PERFDAT\_COLLECTION\_DSC\_V83.CFG (new)
- PERFDAT\$CFG:PERFDAT\_COLLECTION\_DSC\_V82IA64.CFG (new)
- PERFDAT\$CFG:PERFDAT\_COLLECTION\_DSC\_V821IA64.CFG (new)
- PERFDAT\$CFG:PERFDAT\_COLLECTION\_DSC\_V83IA64.CFG (new)
- PERFDAT\$CFG:PERFDAT\_SNMP\_BROCADE.CFG (new)
- PERFDAT\$CFG:PERFDAT\_SNMP\_SOLARIS.CFG (new)
- PERFDAT\$CFG:PERFDAT\_SNMP\_LINUX.CFG (new)
- PERFDAT\$CFG:PERFDAT\_SNMP\_TRU64.CFG (new)
- PERFDAT\$CFG:PERFDAT\_EVA.CFG (new)
- PERFDAT\$CFG:PERFDAT\_RDB\_STATISTICS.CFG (new)
- PERFDAT\$CFG:PERFDAT\_CACHE\_DSC.CFG (new)
- PERFDAT\$CFG:PERFDAT\_PROFILES.CFG (new)
- PERFDAT\$EXAMPLES:PERFDAT\_API\_TEST.CFG (new)

### Template files

- PERFDAT\$CFG:PERFDAT\_FILEFILTER.TEMPLATE (new)
- PERFDAT\$CFG:USERDEFINED\_METRIX.TEMPLATE (new)

### Help files

- PERFDAT entries inserted into SYS\$HELP:HELPLIB.HLB (new)
- PERFDAT\$CFG:DQL\$.HLB (new)
- PERFDAT\$CFG:PERFDAT\_MGR.HLB (new)

### Object library files

- PERFDAT\$LIBRARY:PERFDAT\_API\_AXP.OLB (new)
- PERFDAT\$LIBRARY:PERFDAT\_API\_IA64.OLB (new)

### C header files

- PERFDAT\$INCLUDE:PERFDAT\_API.H (new)

### C programming examples

- PERFDAT\$EXAMPLES:PERFDAT\_API\_TEST\_EF.C (new)
- PERFDAT\$EXAMPLES:PERFDAT\_API\_TEST\_AST.C (new)

---

## Upgrading HP PERFDAT

The installation procedure automatically performs an upgrade of HP PERFDAT if a valid HP PERFDAT configuration exists on the node you are installing HP PERFDAT.

### *Upgrade path*

You can upgrade directly to HP PERFDAT V4.3 from any V4.x version and from ECO level of HP PERFDAT V3.3. Use the command

```
$ MCR PERFDAT_MGR SHOW VERSION
```

to display the actual version of PERFDAT in use.

If you are still using HP PERFDAT V3.2 or earlier version it is recommended to upgrade first to HP PERFDAT V3.3 and then to version V4.3. If you do not have version V3.3 please contact PERFDAT support

[PERFDAT@HP.COM](mailto:PERFDAT@HP.COM)

to obtain the kits.

### *Special pre-upgrade tasks*

Before you upgrade to HP PERFDAT V4.3 make sure that no other HP PERFDAT processes except:

- PERFDAT
- PERFDAT\_ARCHIVE
- PERFDAT\_SNMP
- PERFDAT\_SNMP\_x (x = 0...7)
- DQL\_NAME

are running.

If auto-trend engine processes exist:

- PERFDAT\_REPORT
- SNMP\_REPORT\_x (x = 0...7)

Stop them before you start upgrading HP PERFDAT.

In addition make sure that no users are connected to the distributed PERFDAT performance database. This can be done by checking if any process named

- \*DQL\$SRV\*
- \*PDBC\$SRV\*

exist.

## *Upgrade inquiries*

During SW-upgrade, existing configuration files are preserved.

If HP PERFDAT has been installed according to the guidelines described in chapter [Installing HP PERFDAT](#), the upgrade procedure prompts you for the following information:

- Enter the cluster members to upgrade HP PERFDAT. HP PERFDAT upgrade procedure provides the feature to upgrade HP PERFDAT cluster-wide via a single cluster member. The prerequisite is that the HP PERFDAT common resource disk is mounted on all cluster members you select to upgrade HP PERFDAT.
  - You can select all cluster members
  - Or enter a sub-set of the cluster members as a comma separated list.
- Enter the community members as a comma separated list, if no valid community definition is found by the upgrade procedure.

For detailed information about online alerting please refer to the manuals [HP PERFDAT – Architecture and Technical Description](#) and [HP PERFDAT – PERFDAT\\_MGR Reference Manual](#)

## *Special instructions for upgrading HP PERFDAT in a cluster*

Check if the HP PERFDAT common resource disk (PERFDAT\$COMMON) is mounted on all cluster members you intend to upgrade HP PERFDAT.

## *Invoke the upgrade procedure*

This section explains how to upgrade HP PERFDAT software using the VMSINSTAL utility.

When you have completed the recommended pre-installation tasks outlined in the section [Getting Started](#) and read the special instructions described in chapter [Special instructions for upgrading HP PERFDAT in a cluster](#) if you intend to upgrade HP PERFDAT in a cluster you are ready to upgrade HP PERFDAT.

To upgrade the HP PERFDAT software on an OpenVMS Alpha system or OpenVMS IA64 system, proceed as follows:

- Log in to the SYSTEM account.
- HP recommends that you log the installation procedure. If you have DECNET configured on your system, you can create a log of the installation procedure by entering the following command and then login to the system account again

```
$ SET HOST 0/LOG=file-name
```

The log file is written to the current directory.

- Start the VMSINSTAL utility. For example

```
$ @SYS$UPDATEVMSINSTAL PERFDAT043 disk:[directory]
```

disk:[directory] defines the directory the PERFDAT installation kit resides.

## Stepping through the upgrade procedure

During upgrade you are asked for few upgrade and configuration options. Before each inquiry explanatory information is displayed.

---

### Note

To stop the upgrade at any time, press Ctrl/Y. The installation procedure deletes any files that were created and then exits.

---

The upgrade procedure provides default collection profiles and reports for any supported system (OpenVMS, Tru64, HP StorageWorks Virtual Arrays, Solaris, Linux and Brocade). Existing report profiles are left unchanged.

## Sample HP PERFDAT upgrade

Welcome to OpenVMS (TM) Alpha Operating System, Version V7.3-2

Username system  
Password \*\*\*\*\*

Welcome to OpenVMS (TM) Alpha Operating System, Version V7.3-2 on node HOBEL  
Last interactive login on Wednesday, 11-DEC-2009 09:04:28.75  
Last non-interactive login on Wednesday, 09-SEP-2004 11:09:42.25

`$ @SYS$UPDATE:VMSINSTAL PERFDAT043 DKA100:[KITS.PERFDAT043] OPTIONS NONE`

OpenVMS AXP Software Product Installation Procedure V7.3-2

It is 12-DEC-2009 at 09:52.

Enter a question mark (?) at any time for help.

%VMSINSTAL-W-ACTIVE, The following processes are still active:  
MDM\$\$SERVER  
TCPIP\$FTP\_1  
ABS\$COORD\_CLEAN

\* Do you want to continue anyway [NO]? y

\* Are you satisfied with the backup of your system disk [YES]?

The following products will be processed:

PERFDAT V4.3

Beginning installation of PERFDAT V4.3 at 09:52

%VMSINSTAL-I-RESTORE, Restoring product save set A ...

\*\*\*\*\*

HP PERFDAT cluster-wide installation

-----  
This installation procedure provides the feature to install/upgrade  
HP PERFDAT cluster-wide or on multiple cluster members.

The procedure to upgrade HP PERFDAT cluster-wide/on selected cluster  
members is:

- o HP PERFDAT is installed/upgraded locally
- o IVP distributes HP PERFDAT to all cluster members and initiates remote setup processing.

HP PERFDAT remote setup fails if a cluster member does not share the  
the common HP PERFDAT resource device defined when HP PERFDAT was  
installed the first time on the local node, or the logical  
PERFDAT\$COMMON defined on a cluster member does not match this  
logical defined on the local node.

Thus, in order to guarantee that the HP PERFDAT remote setup works,  
perform the checks listed below before you run this installation  
procedure:

- o HP PERFDAT installation:  
Check if the device you want to install the common resources of HP PERFDAT (images, CFG, trend files ...) is available and mounted on all cluster members HP PERFDAT will be installed automatically.
- o HP PERFDAT upgrade:  
Check if the logical PERFDAT\$COMMON refers the same directory on all cluster members you want to upgrade HP PERFDAT automatically.

\*\*\*\*\*

\* Do you want to continue [Yes]: [↵](#)

Read the instructions displayed, verify if the prerequisites are fulfilled and enter Yes in order to continue. If you enter No the installation will be terminated.

\* INSTALL HP PERFDAT V4.3 on the entire cluster [Yes]: [No ↵](#)

If you enter Yes the installation procedure automatically checks if the OpenVMS versions installed on all cluster members are supported by HP PERFDAT V4.3, and adds these cluster members to the installation nodes list.

If you choose No, you are prompted to select the cluster nodes to add to the installation nodes list manually.

HP PERFDAT V4.3 will be installed on all cluster members listed in the installation nodes list.

Cluster Members

```
-----
TYCHE
BCSXTC
VMSTM2
HOBEL
```

\* Enter the cluster members to be processed as a comma separated list [HOBEL]: [HOBEL,VMSTM2 ↵](#)

Enter the cluster members to be added to the installation nodes list as a comma separated list. In this example the nodes HOBEL and VMSTM2 are selected to install HP PERFDAT V4.3.

If the OpenVMS version installed on one of the selected cluster members is not supported by HP PERFDAT this cluster member is automatically removed from the upgrade nodes list.

\*\*\*\*\* Try to shutdown PerfDat environment on the selected cluster members ...

%SYSMAN-I-ENV, current command environment:

```
Individual nodes: HOBEL, VMSTM2
Username SYSTEM   will be used on nonlocal nodes
```

```
%SYSMAN-I-OUTPUT, command execution on node HOBEL
PERFDAT_MGR-I-SUCCESS, archiver process stopped
PERFDAT_MGR-I-SUCCESS, name server process stopped
PERFDAT_MGR-I-COLSUC, data collector shutdown successfully
PERFDAT_MGR-I-COLSUC, SNMP data collection shutdown succeeded
%SYSMAN-I-OUTPUT, command execution on node HOBEL
PERFDAT_MGR-I-SUCCESS, archiver process stopped
PERFDAT_MGR-I-SUCCESS, name server process stopped
PERFDAT_MGR-I-COLSUC, data collector shutdown successfully
PERFDAT_MGR-I-COLSUC, SNMP data collection shutdown succeeded
```

```
*****
*
*           Performance Data toolset           *
*
*           HP-PERFDAT V4.3                   *
*
*           Installation Procedure             *
*
*           Copyright 2009, Hewlett-Packard Austria *
*
*****
```

This kit installs the

HP PERFDAT OpenVMS data collector	PERFDAT	V4.3,
HP PERFDAT management interface	PERFDAT_MGR	V4.3,
HP PERFDAT Archive Server	PERFDAT_ARCHIVE	V4.3,
HP PERFDAT Auto-Report Engine	PERFDAT_AUTOREP	V4.3,
HP PERFDAT remote monitoring server	PDM\$SRV	V4.3,
HP PERFDAT Database Connectivity Server	PDBC\$SRV	V4.3,
HP PERFDAT DATA Query server	DQL\$SRV	V4.3,
HP PERFDAT DATA Query interface	DQL\$	V4.3,
HP PERFDAT DATA Query name service	DQL_NAME	V4.3,
HP PERFDAT EVA agent	PERFDAT_EVA_WRK	V4.3,
HP PERFDAT EVA agent control	PERFDAT_EVA_MASTER	V4.3,
HP PERFDAT SNMP agent	PERFDAT_SNMP_WRK	V4.3,
HP PERFDAT SNMP agent control	PERFDAT_SNMP_MASTER	V4.3

HP PERFDAT API	PERFDAT_API_AXP.OLB	V4.3
	PERFDAT_API_IA64.OLB	V4.3

Tools:	PERFDAT_IMPORT_RDB	V4.3
	PERFDAT_EVATEST	V4.3
	PERFDAT_CSV2PNG	V4.3
	IMPORT_LOAD_CACHE.COM	
	PERFDAT_LOADCSV.COM	
	DQLGETTOPSTAT.COM	
	NET-SNMP_TEST.COM	

\* Do you want to purge files replaced by this installation [YES]? ↵

```
*****
```

To start HP PerfDat automatically on all selected cluster members  
enable IVP run.

```
*****
```

\* Do you want to run the IVP after the installation [YES]? ↵

An IVP run is required to distribute HP PERFDAT V4.3 to all cluster members you have selected to install HP PERFDAT and to start-up HP PERFDAT automatically after installation. Thus, if

you do not want to distribute HP PERFDAT to the selected cluster members and you do not want to start HP PERFDAT on any node automatically after installation enter No.

- \* Modifying DQL\$SRV account ...
- \* Create/modify HP PERFDAT V4.3 startup and run scripts ...
- \* Apply/modify HP PERFDAT V4.3 default configuration ...

\*\*\*\*\*

PERFDAT post-installation activities  
-----

Please add the following line to your site-specific startup procedure in order to startup the data collector and the SNMP extension automatically

```
$ @SYS$STARTUPPERFDAT$STARTUP.COM  
$ @SYS$STARTUPPERFDAT_EVA$STARTUP.COM  
$ @SYS$STARTUPPERFDAT_SNMP$STARTUP.COM
```

Please add the following line to your site-specific shutdown procedure in order to stop the data collector automatically on shutdown

```
$ MCR PERFDAT_MGR SHUTDOWN ALL
```

If you have configured an archive node make sure that FTP client is enabled and started.

\*\*\*\*\* Caution \*\*\*\*\*

If this is the archive node make sure that FTP server is enabled and started. In addition you have to enable anonymous FTP access to PERFDAT\$DB\_ARCHIVE directory manually. Do the following

- 1) enable anonymous FTP on the archive node
- 2) define the logical TCPIP\$FTP\_ANONYMOUS\_DIRECTORY (exec)

The logical TCPIP\$FTP\_ANONYMOUS\_DIRECTORY is a search list defining all the directories visible to the Anonymous account.

For more information see the manual 'TCP/IP services for OpenVMS'

\*\*\*\*\*

- \* HP PERFDAT V4.3 documentation:
- \* PERFDAT\$CFG:PERFDAT\_OPENVMS\_DOCU\_V43.ZIP
- \* This ZIP files contains the HP PERFDAT V4.3 documentation in PDF format

If you enabled IVP, HP PERFDAT will be distributed and installed on all cluster members of the selected installation nodes list.

%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target directories...

\*\*\*\*\*

SETUP HP PERFDAT on selected cluster members  
-----

IVP starts to distribute HP PERFDAT to the selected cluster members.

HP PERFDAT setup may fail on some of the cluster members in case the they do not share the common HP PERFDAT resource device:

\$!\$DGA1:

or the logical PERFDAT\$COMMON on the cluster node do not refer to the directory HP PERFDAT was currently installed/updated.

\*\*\*\*\* IMPORTANT \*\*\*\*\*

Please check the output of the setup procedure. If the messages of the setup procedures show that the HP PERFDAT setup has failed on some of the cluster members, please run this installation procedure on these cluster members manually again.

\*\*\*\*\*

%SYSMAN-I-ENV, current command environment:

Individual nodes: HOBEL

Username SYSTEM will be used on nonlocal nodes

%SYSMAN-I-OUTPUT, command execution on node HOBEL

PERFDAT-I-INSTAL, start performing HP PERFDAT setup check on node HOBEL

PERFDAT-I-INSTAL, deassigning HP PERFDAT logicals on node HOBEL

PERFDAT-I-INSTAL, upgrading HP PERFDAT on node HOBEL

PERFDAT-I-INSTAL, upgrading decriptor table of the HP PERFDAT cfg database on node HOBEL

PERFDAT-I-INSTAL, ignore PERFDAT\_MGR warning messages

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

%SYSMAN-I-OUTPUT, command execution on node VMSTM2

PERFDAT-I-INSTAL, start performing HP PERFDAT setup check on node VMSTM2

PERFDAT-I-INSTAL, deassigning HP PERFDAT logicals on node VMSTM2

PERFDAT-I-INSTAL, upgrading HP PERFDAT on node VMSTM2

PERFDAT-I-INSTAL, upgrading decriptor table of the HP PERFDAT cfg database on node VMSTM2

PERFDAT-I-INSTAL, ignore PERFDAT\_MGR warning messages

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

PERFDAT\_MGR-W-NOTRUN, data collector not running

%SYSMAN-I-OUTPUT, command execution on node HOBEL

PERFDAT\_MGR-W-NOTRUN, data collector not running

Job PERFDAT\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 242) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, perfdat environment launched

Job PERFDAT\_SNMPS\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 243) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, PERFDAT\_SNMP launched

%SYSMAN-I-OUTPUT, command execution on node VMSTM2

Job PERFDAT\_EVA\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 244) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, PERFDAT\_EVA launched

%SYSMAN-I-OUTPUT, command execution on node VMSTM2

PERFDAT\_MGR-W-NOTRUN, data collector not running

Job PERFDAT\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 245) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, perfdat environment launched

Job PERFDAT\_SNMPS\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 246) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, PERFDAT\_SNMP launched

Job PERFDAT\_EVA\$STARTUP (queue PERFDAT\$STARTUP\_QUEUE, entry 247) started on PERFDAT\$STARTUP\_QUEUE

PERFDAT\_MGR-I-LAUNCHSUCC, PERFDAT\_EVA launched

\*\*\*\*\*

HP PERFDAT cluster-wide startup check

-----  
IVP checks after 60 sec if HP PERFDAT V4.3 is started on all selected cluster members.

\*\*\*\*\*

%SYSMAN-I-ENV, current command environment:

Individual nodes: HOBEL, VMSTM2

Username SYSTEM will be used on nonlocal nodes

%SYSMAN-I-OUTPUT, command execution on node HOBEL

Active Collections	Type	Node
--------------------	------	------

DEFAULT	OPENVMS	HOBEL
---------	---------	-------

%SYSMAN-I-OUTPUT, command execution on node VMSTM2

Active Collections	Type	Node
--------------------	------	------

DEFAULT	OPENVMS	VMSTM2
---------	---------	--------

Installation of PERFDAT V4.3 completed at 09:58

Adding history entry in VMI\$ROOT:[SYSUPD]VMSINSTAL.HISTORY

Creating installation data file: VMI\$ROOT:[SYSUPD]PERFDAT043.VMI\_DATA

VMSINSTAL procedure done at 09:59

## Post-upgrade tasks

After the installation completes, perform the following steps

On the cluster members where you have upgraded HP PERFDAT:

- Check if the predefined collection profiles DEFAULT valid for OpenVMS, Tru64 (if SNMP extension has been installed) and Brocade (if SNMP extension have been installed) have been added to the collection profile table of the PERFDAT configuration database and if they match the report profiles listed in Appendix A:
  - [MCR PERFDAT\\_MGR SHO PROFILE DEFAULT](#)
- Check all configured collections are active:
  - [MCR PERFDAT\\_MGR SHO COLLECTION /BRIEF](#)  
If some collections are missing, re-launch the PERFDAT environment:
    - [MCR PERFDAT\\_MGR SHUTDOWN ALL](#)
    - [MCR PERFDAT\\_MGR LAUNCH ALL](#)
- Check if all the metrics listed in Appendix A of the manual [HP PERFDAT – Architecture and Technical Description](#) are available:
  - [MCR DQL\\$ LIST METRIX;](#)

If some of the metrics are missing please inform the HP PERFDAT support team:

[PERFDAT@HP.COM](mailto:PERFDAT@HP.COM)

## Files provided and updated

This section lists all images, command procedures, configuration, template- and help files provided / updated when updating HP PERFDAT to V4.3.

### Images

#### OpenVMS V7.3-2 AXP Images:

- PERFDAT\$COMMON:[BIN.AXP.V732]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V732]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V732]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V732]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V732]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.2 AXP Images:

- PERFDAT\$COMMON:[BIN.AXP.V82]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT.EXE (new)

- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V82]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V82]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V82]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.3 AXP Images:

- PERFDAT\$COMMON:[BIN.AXP.V83]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.AXP.V83]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V83]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.AXP.V83]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.2 IA64 Images:

- PERFDAT\$COMMON:[BIN.IA64.V82]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]DQL\$SRV.EXE (new)

- PERFDAT\$COMMON:[BIN.IA64.V82]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V82]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V82]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V82]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.2-1 IA64 Images:

- PERFDAT\$COMMON:[BIN.IA64.V821]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_EVA\_WRK.EXE (new)

- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V821]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V821]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V821]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.3 IA64 Images:

- PERFDAT\$COMMON:[BIN.IA64.V83]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_AUTOREP.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V83]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V83]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V83]PERFDAT\_XMLTEST.EXE (new)

#### OpenVMS V8.3-1H1 IA64 Images:

- PERFDAT\$COMMON:[BIN.IA64.V831]DQL\$.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]DQL\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]DQL\_NAME.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PDBC\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PDM\$CLIENT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PDM\$SRV.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDATSCSDEF.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_ARCHIVE.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_AUTOREP.EXE (new)

- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_CSV2PNG.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_IMPORT\_RDB.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_MGR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_RUNDOWN\_SHR.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_SNMP\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_SNMP\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_EVA\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_EVA\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_XML\_MASTER.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_XML\_WRK.EXE (new)
- PERFDAT\$COMMON:[BIN.IA64.V831]PERFDAT\_XFC\_SHR.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V831]PERFDAT\_EVATEST.EXE (new)
- PERFDAT\$COMMON:[TOOLS.IA64.V831]PERFDAT\_XMLTEST.EXE (new)

#### Common Images:

- SYS\$COMMON:[SYSEXE]DQL\$.EXE (new)
- SYS\$COMMON:[SYSEXE]PERFDAT\_MGR.EXE (new)
- SYS\$COMMON:[SYSLIB]KERNEL\_RUNDOWN\_SHR.EXE (new)
- SYS\$COMMON:[SYSLIB]PERFDAT\_XFC\_SHR.EXE (new)

#### Command, startup and setup procedures

- PERFDAT\$BIN:DQL\_NAME\$STARTUP.COM (new)
- PERFDAT\$BIN:DQLSRV\$STARTUP.COM (new)
- PERFDAT\$BIN:PDBCSRV\$STARTUP.COM (new)
- PERFDAT\$BIN:PDC\$STARTUP.COM (new)
- PERFDAT\$BIN:PDCA\$STARTUP.COM (new)
- PERFDAT\$BIN:PDCR\$STARTUP.COM (new)
- PERFDAT\$BIN:PDCR\_SNMP\$STARTUP\_x.COM (with x ... 0 to 7) (new)
- PERFDAT\$BIN:PDC\_SNMP\$STARTUP.COM (new)
- PERFDAT\$BIN:PDCR\_EVA\$STARTUP\_x.COM (with x ... 0 to 7) (new)
- PERFDAT\$BIN:PDC\_EVA\$STARTUP.COM (new)
- PERFDAT\$BIN:PDCR\_XML\$STARTUP\_x.COM (with x ... 0 to 7) (new)
- PERFDAT\$BIN:PDC\_XML\$STARTUP.COM (new)
- PERFDAT\$BIN:PDMSRV\$STARTUP.COM (new)
- PERFDAT\$BIN:PERFDAT\_ARCHIVEFILES.COM (updated)
- PERFDAT\$BIN:PERFDAT\_CSV2PNG.COM (new)
- PERFDAT\$BIN:PERFDAT\_HOUSEKEEPING.COM (updated)
- PERFDAT\$BIN:PERFDAT\_MOVEFILES.COM (updated)
- PERFDAT\$BIN:PERFDAT\_SNMP\_WRK.COM (new)
- PERFDAT\$BIN:PERFDAT\_EVA\_WRK.COM (new)
- PERFDAT\$BIN:PERFDAT\_XML\_WRK.COM (new)

- PERFDAT\$STARTUP:CONVERT\_ARCHIVEFILES.COM (new)
- PERFDAT\$STARTUP:CONVERT\_LOGICALS\_COMMON.COM (new)
- PERFDAT\$STARTUP:DQL\$LOGICALS.COM (updated)
- PERFDAT\$STARTUP:DQL\_NAME\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PDBC\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PDM\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$CHECK\_SETUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$OS\_GETVERSION.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$LOGICALS.COM (updated)
- PERFDAT\$STARTUP:PERFDAT\$LOGICALS\_COMMON.COM (updated)
- PERFDAT\$STARTUP:PERFDAT\$LOGICALS\_SPECIFIC.COM (updated)
- PERFDAT\$STARTUP:PERFDAT\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$STARTUP\_BATCH.COM (new)
- PERFDAT\$STARTUP:PERFDAT\$UNINSTAL.COM (new)
- PERFDAT\$STARTUP:PERFDAT\_ARCHIVE\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\_SNMP\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\_EVA\$STARTUP.COM (new)
- PERFDAT\$STARTUP:PERFDAT\_XML\$STARTUP.COM (new)
- PERFDAT\$TOOLS:IMPORT\_LOAD\_CACHE.COM (new)
- PERFDAT\$TOOLS:PERFDAT\_LOADCSV.COM (new)
- PERFDAT\$TOOLS:DQLGETTOPSTAT.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]DQLN\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]DQL\$LOGICALS.COM (updated)
- SYS\$COMMON:[SYS\$STARTUP]DQL\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PDBC\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\$LOGICALS.COM (updated)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\$LOGICALS\_COMMON.COM (updated)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\$STARTUP\_BATCH.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\_ARCHIVE\$STARTUP.COM (new)
- SYS\$COMMON:[SYS\$STARTUP]PERFDAT\_SNMP\$STARTUP.COM (new)
- SYS\$SYSROOT:[SYS\$STARTUP]PERFDAT\$LOGICALS\_SPECIFIC.COM (updated)
- SYS\$COMMON:[SYSUPD]:PERFDAT\$UNINSTAL.COM (new)

## Configuration files

- PERFDAT\$CFG:PERFDAT\_ALERT\_BROCADE.CFG (new)
- PERFDAT\$CFG:PERFDAT\_ALERT\_OPENVMS.CFG (new)
- PERFDAT\$CFG:PERFDAT\_ALERT\_TRU64.CFG (new)
- PERFDAT\$CFG:PERFDAT\_ALERT\_EVA.CFG (new)
- PERFDAT\$CFG:PERFDAT\_OPENVMS.CFG (new)
- PERFDAT\$CFG:PERFDAT\_SNMP\_BROCADE.CFG (new)
- PERFDAT\$CFG:PERFDAT\_SNMP\_SOLARIS.CFG (new)
- PERFDAT\$CFG:PERFDAT\_SNMP\_LINUX.CFG (new)
- PERFDAT\$CFG:PERFDAT\_SNMP\_TRU64.CFG (new)
- PERFDAT\$CFG:PERFDAT\_EVA.CFG (new)

- PERFDAT\$CFG:PERFDAT\_CACHE\_DSC.CFG (new)
- PERFDAT\$CFG:PERFDAT\_RDB\_STATISTICS.CFG (new)
- PERFDAT\$CFG:PERFDAT\_PROFILES.CFG (updated)
- PERFDAT\$EXAMPLES:PERFDAT\_API\_TEST.CFG (new)

### Template files

- PERFDAT\$CFG:PERFDAT\_FILEFILTER.TEMPLATE (new)
- PERFDAT\$CFG:USERDEFINED\_METRIX.TEMPLATE (new)

### Help files

- PERFDAT entries updated in SYS\$HELP:HELPLIB.HLB (update)
- PERFDAT\$CFG:DQL\$.HLB (new)
- PERFDAT\$CFG:PERFDAT\_MGR.HLB (new)

### Object library files

- PERFDAT\$LIBRARY:PERFDAT\_API\_AXP.OLB (new)
- PERFDAT\$LIBRARY:PERFDAT\_API\_IA64.OLB (new)

### C header files

- PERFDAT\$INCLUDE:PERFDAT\_API.H (new)

### C programming examples

- PERFDAT\$EXAMPLES:PERFDAT\_API\_TEST\_EF.C (new)
- PERFDAT\$EXAMPLES:PERFDAT\_API\_TEST\_AST.C (new)

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## Uninstalling HP PERFDAT

Uninstalling HP PERFDAT is quite simple. To entirely remove HP PERFDAT just invoke the procedure

`$ @SYSS$UPDATE:PERFDAT$UNINSTAL.COM`

This procedure stops all current active collections and shuts down the whole HP PERFDAT environment. All files from the directories PERFDAT\$BIN, PERFDAT\$CFG, PERFDAT\$LOG, PERFDAT\$DB, PERFDAT\$ALERT, PERFDAT\$LOAD, PERFDAT\$COMMON:[LOAD.PROCESSED], PERFDAT\$TOOLS, PERFDAT\$GRAPH, PERFDAT\$STARTUP and PERFDAT\$SUPPORT are deleted.

The shareable image will be removed. All start-up, template and help files and the directories created by the HP PERFDAT installation procedure are deleted. Finally all HP PERFDAT logicals will be de-assigned.

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## Appendix

### *Default collection profiles*

The upgrade and installation procedure provides new default collection profiles DEFAULT valid for OpenVMS, Tru64 and Brocade switches.

#### DEFAULT collection profile for OpenVMS

PROFILE: DEFAULT            OS Type: OPENVMS

Collection sample interval: 120 sec  
SYSTEM metrix enabled: Yes  
CPU metrix enabled: Yes  
PROCESS metrix enabled: Yes  
    On Process: ALL  
USER metrix enabled: Yes  
    On USER: ALL  
IMAGE metrix enabled: Yes  
    On IMAGE: ALL  
ACCOUNT metrix enabled: Yes  
    On ACCOUNT: All  
VOLUME metrix enabled (based on XFC stats): Yes  
    On Volumes: ALL  
IO size stats enabled: No  
FILE metrix based on XFC stats enabled: No  
DEVICE metrix enabled: Yes  
    On DEVICES: \*\$D\*, \*DSA\*  
IO size metrix on selected FOD devices enabled: No  
FILE metrix on selected FOD devices enabled: No  
    Selective File Filtering: DISABLED  
Per PROCESS collection on selected devices enabled: No  
Device capacity and path info metrix enabled: Yes  
LAN metrix enabled: Yes  
    LAN Device metrix enabled: Yes  
    LAN PROTOCOL metrix enabled: Yes  
SCS metrix enabled: Yes

## DEFAULT collection profile for HP StorageWorks Virtual Array (EVA)

PROFILE: DEFAULT            OS Type: EVA

Collection sample interval: 120 sec  
ARRAY Metrix enabled: Yes  
CTRL Metrix enabled: Yes  
CTRL.PORT Metrix enabled: Yes  
CTRL.HOSTCONN Metrix enabled: Yes  
DISKGROUP.VDISK Metrix enabled: Yes  
DISKGROUP.PDISK Metrix enabled: Yes  
DRM.TUNNEL Metrix enabled: Yes

## DEFAULT collection profile for Brocade switches

PROFILE: DEFAULT            OS Type: BROCADE

Collection sample interval: 120 sec  
PORT Metrix enabled: Yes  
SYSTEM Metrix enabled: Yes

## DEFAULT collection profile for Linux

PROFILE: DEFAULT            OS Type: LINUX

Collection sample interval: 120 sec  
LINUX\_PROCESS Metrix enabled: Yes  
LINUX\_DEAMON Metrix enabled: Yes  
LINUX\_NIC Metrix enabled: Yes  
LINUX\_IP Metrix enabled: Yes  
LINUX\_TCP Metrix enabled: Yes  
LINUX\_FILESYS Metrix enabled: Yes  
LINUX\_SYSTEM Metrix enabled: Yes

## DEFAULT collection profile for Solaris

PROFILE: DEFAULT            OS Type: SOLARIS

Collection sample interval: 120 sec  
SUN\_DEVICE Metrix enabled: Yes  
SUN\_PROCESS Metrix enabled: Yes  
SUN\_DEAMON Metrix enabled: Yes  
SUN\_NIC Metrix enabled: Yes  
SUN\_IP Metrix enabled: Yes  
SUN\_TCP Metrix enabled: Yes  
SUN\_FILESYS Metrix enabled: Yes  
SUN\_SYSTEM Metrix enabled: Yes

## DEFAULT collection profile for Tru64

PROFILE: DEFAULT            OS Type: TRU64

Collection sample interval: 120 sec  
TRU64\_CPU Metrix enabled: Yes  
TRU64\_DISK Metrix enabled: Yes  
TRU64\_PROCESS Metrix enabled: Yes  
TRU64\_DEAMON Metrix enabled: Yes  
TRU64\_USER Metrix enabled: Yes  
TRU64\_FILESYS Metrix enabled: Yes  
TRU64\_SYSTEM Metrix enabled: Yes  
TRU64\_NIC Metrix enabled: Yes  
TRU64\_IP Metrix enabled: Yes

## Default report profiles

The installation procedure provides new report profiles BASELINE, WEEK, MONTH, QUARTER and YEAR valid for OpenVMS, Tru64 and Brocade switches.

### Report profiles for OpenVMS

#### Report profile BASELINE

Baseline Deviation Report Name: BASELINE OS Type: OPENVMS

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Calculate integral based (NO = arithmetic mean value): No

Time Range [1]: 06:00:00 - 18:00:00

Selected Metrix Name: DEVICE

... derived from Metrix: DEVICE

Selected Stat: IQIOS

Selected Stat: IIOS

Selected Stat: IMBS

Selected Stat: IRDQIOS

Selected Stat: IRDIOS

Selected Stat: IRDMBS

Selected Stat: IWRQIOS

Selected Stat: IWRIOS

Selected Stat: IWRMBS

Selected Stat: IQLEN

Selected Element: \*\$D\*

Selected Element: \*DSA\*

Selected Metrix Name: DEVICE.CAPACITY

... derived from Metrix: DEVICE.CAPACITY

Selected Stat: IFREE

Selected Stat: IUSED

Selected Element: \*

Selected Metrix Name: LANADAPTER

... derived from Metrix: LANADAPTER

Selected Stat: IOCTTOT

Selected Stat: IOCTRCV

Selected Stat: IOCTXMT

Selected Stat: IPDUTOT

Selected Stat: IPDURCV

Selected Stat: IPDUXMT

Selected Element: \*

Selected Metrix Name: LANPROTOCOL

... derived from Metrix: LANPROTOCOL

Selected Stat: IOCTTOT

Selected Stat: IOCTRCV

Selected Stat: IOCTXMT

Selected Stat: IPDUTOT

Selected Stat: IPDURCV

Selected Stat: IPDUXMT

Selected Element: \*

Selected Metrix Name: SYSTEM  
... derived from Metrix: SYSTEM  
Selected Stat: ICPULOAD  
Selected Stat: IINTR  
Selected Stat: IMPSYNC  
Selected Stat: IUSER  
Selected Stat: IMEMFREE  
Selected Stat: IMEMMOD  
Selected Stat: ICACHEINUSE  
Selected Stat: ICACHEHITS  
Selected Stat: IPFLTOT  
Selected Stat: IPFLREADIOS  
Selected Stat: IPFLWRITEIOS  
Selected Stat: IPGFLFREERATE  
Selected Stat: IPGFLIOS  
Selected Stat: IODIOS  
Selected Stat: IOBIOS  
Selected Stat: IXQPWINTURN  
Selected Stat: ILCKENQNEWLOC  
Selected Stat: ILCKENQNEWOUT  
Selected Stat: ILCKENQCVLOC  
Selected Stat: ILCKENQCVOUT  
Selected Stat: ILCKDEQLOC  
Selected Stat: ILCKDEQOUT  
Selected Stat: ILCKDLFIND  
Selected Stat: ILCKDLSEARCH  
Selected Stat: ILCKRMSNGL  
Selected Stat: ILCKRMACT  
Selected Stat: ILNMTRAN  
Selected Element: \*

Selected Metrix Name: USER  
... derived from Metrix: USER  
Selected Stat: ICPULOAD  
Selected Stat: IKERNEL  
Selected Stat: IEXEC  
Selected Stat: IUSER  
Selected Stat: IMEM  
Selected Stat: IVAMEM  
Selected Stat: IPFL  
Selected Stat: IPFLIO  
Selected Stat: IPGFLCOM  
Selected Stat: IDIO  
Selected Stat: IBIO  
Selected Element: \*

Selected Metrix Name: XFCVOLUME  
... derived from Metrix: XFCVOLUME  
Selected Stat: IQIOS  
Selected Stat: IREADS  
Selected Stat: IWRITES  
Selected Stat: IHITS  
Selected Stat: IREADMB  
Selected Stat: IWRITEMB  
Selected Stat: IRSPHIT  
Selected Stat: IRSPMISS  
Selected Stat: IRSPTOTAL  
Selected Element: \*

## Report profile MONTH

Trend Report Name: MONTH

OS Type: OPENVMS

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Period captured by single report [Day, Week, Month, Quarter, Year]: MONTH

Time compression: 7200 sec

Calculate full statistics (Avg/Max/Std): No

Selected Metrix Name: DEVICE

... derived from Metrix: DEVICE

Selected Stat: IQIOS

Selected Stat: IIOS

Selected Stat: IMBS

Selected Stat: IRDQIOS

Selected Stat: IRDIOS

Selected Stat: IRDMBS

Selected Stat: IWRQIOS

Selected Stat: IWRIOS

Selected Stat: IWRMBS

Selected Stat: IQLEN

Selected Element: \*\$D\*

Selected Element: \*DSA\*

Selected Metrix Name: DEVICE.CAPACITY

... derived from Metrix: DEVICE.CAPACITY

Selected Stat: IFREE

Selected Stat: IUSED

Selected Element: \*

Selected Metrix Name: LANADAPTER

... derived from Metrix: LANADAPTER

Selected Stat: IOCTTOT

Selected Stat: IOCTRCV

Selected Stat: IOCTXMT

Selected Stat: IPDUTOT

Selected Stat: IPDURCV

Selected Stat: IPDUXMT

Selected Element: \*

Selected Metrix Name: LANPROTOCOL

... derived from Metrix: LANPROTOCOL

Selected Stat: IOCTTOT

Selected Stat: IOCTRCV

Selected Stat: IOCTXMT

Selected Stat: IPDUTOT

Selected Stat: IPDURCV

Selected Stat: IPDUXMT

Selected Element: \*

Selected Metrix Name: SYSTEM

... derived from Metrix: SYSTEM

Selected Stat: ICPULOAD

Selected Stat: IINTR

Selected Stat: IMPSYNC

Selected Stat: IUSER

Selected Stat: IMEMFREE

Selected Stat: IMEMMOD

Selected Stat: ICACHEINUSE

Selected Stat: ICACHEHITS

Selected Stat: IPFLTOT

Selected Stat: IPFLREADIOS

Selected Stat: IPFLWRITEIOS

Selected Stat: IPGFLFREERATE  
 Selected Stat: IPGFLIOS  
 Selected Stat: IODIOS  
 Selected Stat: IOBIOS  
 Selected Stat: IXQPWINTURN  
 Selected Stat: ILCKENQNEWLOC  
 Selected Stat: ILCKENQNEWOUT  
 Selected Stat: ILCKENQCVLOC  
 Selected Stat: ILCKENQCVOUT  
 Selected Stat: ILCKDEQLOC  
 Selected Stat: ILCKDEQOUT  
 Selected Stat: ILCKDLFIND  
 Selected Stat: ILCKDLSEARCH  
 Selected Stat: ILCKRMSNGL  
 Selected Stat: ILCKRMACT  
 Selected Stat: ILNMTRAN  
 Selected Element: \*  
 Selected Metrix Name: USER  
 ... derived from Metrix: USER  
 Selected Stat: ICPULOAD  
 Selected Stat: IKERNEL  
 Selected Stat: IEXEC  
 Selected Stat: IUSER  
 Selected Stat: IMEM  
 Selected Stat: IVAMEM  
 Selected Stat: IPFL  
 Selected Stat: IPFLIO  
 Selected Stat: IPGFLCOM  
 Selected Stat: IDIO  
 Selected Stat: IBIO  
 Selected Element: \*  
 Selected Metrix Name: XFCVOLUME  
 ... derived from Metrix: XFCVOLUME  
 Selected Stat: IQIOS  
 Selected Stat: IREADS  
 Selected Stat: IWRITES  
 Selected Stat: IHITS  
 Selected Stat: IREADMB  
 Selected Stat: IWRITEMB  
 Selected Stat: IRSPHIT  
 Selected Stat: IRSPMISS  
 Selected Stat: IRSPTOTAL  
 Selected Element: \*

## Report profile QUARTER

Capacity Report Name: QUARTER      OS Type: OPENVMS

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Calculate integral based (NO = arithmetic mean value): No

Time Range [1]: 06:00:00 - 18:00:00

Period captured by single report [Day, Week, Month, Quarter, Year]: QUARTER

Calculate day to day deviation for all stats defined: No

Selected Metrix Name: DEVICE

... derived from Metrix: DEVICE

Selected Stat: IQIOS

Selected Stat: IIOS

Selected Stat: IMBS  
 Selected Stat: IRDQIOS  
 Selected Stat: IRDIOS  
 Selected Stat: IRDMBS  
 Selected Stat: IWRQIOS  
 Selected Stat: IWRIOS  
 Selected Stat: IWRMBS  
 Selected Stat: IQLEN  
 Selected Element: \*\$D\*  
 Selected Element: \*DSA\*  
 Selected Metrix Name: DEVICE.CAPACITY  
 ... derived from Metrix: DEVICE.CAPACITY  
 Selected Stat: IFREE  
 Selected Stat: IUSED  
 Selected Element: \*  
 Selected Metrix Name: LANADAPTER  
 ... derived from Metrix: LANADAPTER  
 Selected Stat: IOCTTOT  
 Selected Stat: IOCTRCV  
 Selected Stat: IOCTXMT  
 Selected Stat: IPDUTOT  
 Selected Stat: IPDURCV  
 Selected Stat: IPDUXMT  
 Selected Element: \*  
 Selected Metrix Name: LANPROTOCOL  
 ... derived from Metrix: LANPROTOCOL  
 Selected Stat: IOCTTOT  
 Selected Stat: IOCTRCV  
 Selected Stat: IOCTXMT  
 Selected Stat: IPDUTOT  
 Selected Stat: IPDURCV  
 Selected Stat: IPDUXMT  
 Selected Element: \*  
 Selected Metrix Name: SYSTEM  
 ... derived from Metrix: SYSTEM  
 Selected Stat: ICPULOAD  
 Selected Stat: IINTR  
 Selected Stat: IMPSYNC  
 Selected Stat: IUSER  
 Selected Stat: IMEMFREE  
 Selected Stat: IMEMMOD  
 Selected Stat: ICACHEINUSE  
 Selected Stat: ICACHEHITS  
 Selected Stat: IPFLTOT  
 Selected Stat: IPFLREADIOS  
 Selected Stat: IPFLWRITEIOS  
 Selected Stat: IPGFLFREERATE  
 Selected Stat: IPGFLIOS  
 Selected Stat: IIODIOS  
 Selected Stat: IOBIOS  
 Selected Stat: IXQPWINTURN  
 Selected Stat: ILCKENQNEWLOC  
 Selected Stat: ILCKENQNEWOUT  
 Selected Stat: ILCKENQCVLOC  
 Selected Stat: ILCKENQCVOUT  
 Selected Stat: ILCKDEQLOC  
 Selected Stat: ILCKDEQOUT  
 Selected Stat: ILCKDLFIND  
 Selected Stat: ILCKDLSEARCH  
 Selected Stat: ILCKRMSNGL

Selected Stat: ILCKRMACT  
 Selected Stat: ILNMTRAN  
 Selected Element: \*  
 Selected Metrix Name: USER  
 ... derived from Metrix: USER  
 Selected Stat: ICPULOAD  
 Selected Stat: IKERNEL  
 Selected Stat: IEXEC  
 Selected Stat: IUSER  
 Selected Stat: IMEM  
 Selected Stat: IVAMEM  
 Selected Stat: IPFL  
 Selected Stat: IPFLIO  
 Selected Stat: IPGFLCOM  
 Selected Stat: IDIO  
 Selected Stat: IBIO  
 Selected Element: \*  
 Selected Metrix Name: XFCVOLUME  
 ... derived from Metrix: XFCVOLUME  
 Selected Stat: IQIOS  
 Selected Stat: IREADS  
 Selected Stat: IWRITES  
 Selected Stat: IHITS  
 Selected Stat: IREADMB  
 Selected Stat: IWRITEMB  
 Selected Stat: IRSPHIT  
 Selected Stat: IRSPMISS  
 Selected Stat: IRSPTOTAL  
 Selected Element: \*

## Report profile WEEK

Trend Report Name: WEEK      OS Type: OPENVMS

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Period captured by single report [Day, Week, Month, Quarter, Year]: WEEK

Time compression: 1800 sec

Calculate full statistics (Avg/Max/Std): No

Selected Metrix Name: DEVICE

... derived from Metrix: DEVICE

Selected Stat: IQIOS  
 Selected Stat: IIOS  
 Selected Stat: IMBS  
 Selected Stat: IRDQIOS  
 Selected Stat: IRDIOS  
 Selected Stat: IRDMBS  
 Selected Stat: IWRQIOS  
 Selected Stat: IWRIOS  
 Selected Stat: IWRMBS  
 Selected Stat: IQLEN  
 Selected Element: \*\$D\*  
 Selected Element: \*DSA\*

Selected Metrix Name: DEVICE.CAPACITY

... derived from Metrix: DEVICE.CAPACITY

Selected Stat: IFREE  
 Selected Stat: IUSED

Selected Element: \*  
 Selected Metrix Name: LANADAPTER  
 ... derived from Metrix: LANADAPTER  
     Selected Stat: IOCTTOT  
     Selected Stat: IOCTRCV  
     Selected Stat: IOCTXMT  
     Selected Stat: IPDUTOT  
     Selected Stat: IPDURCV  
     Selected Stat: IPDUXMT  
     Selected Element: \*  
 Selected Metrix Name: LANPROTOCOL  
 ... derived from Metrix: LANPROTOCOL  
     Selected Stat: IOCTTOT  
     Selected Stat: IOCTRCV  
     Selected Stat: IOCTXMT  
     Selected Stat: IPDUTOT  
     Selected Stat: IPDURCV  
     Selected Stat: IPDUXMT  
     Selected Element: \*  
 Selected Metrix Name: SYSTEM  
 ... derived from Metrix: SYSTEM  
     Selected Stat: ICPULOAD  
     Selected Stat: IINTR  
     Selected Stat: IMPSYNC  
     Selected Stat: IUSER  
     Selected Stat: IMEMFREE  
     Selected Stat: IMEMMOD  
     Selected Stat: ICACHEINUSE  
     Selected Stat: ICACHEHITS  
     Selected Stat: IPFLTOT  
     Selected Stat: IPFLREADIOS  
     Selected Stat: IPFLWRITEIOS  
     Selected Stat: IPGFLFREERATE  
     Selected Stat: IPGFLIOS  
     Selected Stat: IODIOS  
     Selected Stat: IOBIOS  
     Selected Stat: IXQPWINTURN  
     Selected Stat: ILCKENQNEWLOC  
     Selected Stat: ILCKENQNEWOUT  
     Selected Stat: ILCKENQCVLOC  
     Selected Stat: ILCKENQCVOUT  
     Selected Stat: ILCKDEQLOC  
     Selected Stat: ILCKDEQOUT  
     Selected Stat: ILCKDLFIND  
     Selected Stat: ILCKDLSEARCH  
     Selected Stat: ILCKRMSNGL  
     Selected Stat: ILCKRMACT  
     Selected Stat: ILNMTRAN  
     Selected Element: \*  
 Selected Metrix Name: USER  
 ... derived from Metrix: USER  
     Selected Stat: ICPULOAD  
     Selected Stat: IKERNEL  
     Selected Stat: IEXEC  
     Selected Stat: IUSER  
     Selected Stat: IMEM  
     Selected Stat: IVAMEM  
     Selected Stat: IPFL  
     Selected Stat: IPFLIO  
     Selected Stat: IPGFLCOM

Selected Stat: IDIO  
Selected Stat: IBIO  
Selected Element: \*  
Selected Metrix Name: XFCVOLUME  
... derived from Metrix: XFCVOLUME  
Selected Stat: IQIOS  
Selected Stat: IREADS  
Selected Stat: IWRITES  
Selected Stat: IHITS  
Selected Stat: IREADMB  
Selected Stat: IWRITEMB  
Selected Stat: IRSPHIT  
Selected Stat: IRSPMISS  
Selected Stat: IRSPTOTAL  
Selected Element: \*

## Report profile YEAR

Capacity Report Name: YEAR            OS Type: OPENVMS

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Calculate integral based (NO = arithmetic mean value): No

Time Range [1]: 06:00:00 - 18:00:00

Period captured by single report [Day, Week, Month, Quarter, Year]: YEAR

Calculate day to day deviation for all stats defined: Yes

Selected Metrix Name:    DEVICE

... derived from Metrix: DEVICE

    Selected Stat: IQIOS

    Selected Stat: IIOS

    Selected Stat: IMBS

    Selected Stat: IRDQIOS

    Selected Stat: IRDIOS

    Selected Stat: IRDMBS

    Selected Stat: IWRQIOS

    Selected Stat: IWRIOS

    Selected Stat: IWRMBS

    Selected Stat: IQLEN

    Selected Stat: IRQS

    Selected Element: \*\$D\*

    Selected Element: \*DSA\*

Selected Metrix Name:    DEVICE.CAPACITY

... derived from Metrix: DEVICE.CAPACITY

    Selected Stat: IFREE

    Selected Stat: IUSED

    Selected Element: \*

Selected Metrix Name:    LANADAPTER

... derived from Metrix: LANADAPTER

    Selected Stat: IOCTTOT

    Selected Stat: IOCTRCV

    Selected Stat: IOCTXMT

    Selected Stat: IPDUTOT

    Selected Stat: IPDURCV

    Selected Stat: IPDUXMT

    Selected Element: \*

Selected Metrix Name:    LANPROTOCOL

... derived from Metrix: LANPROTOCOL

    Selected Stat: IOCTTOT

    Selected Stat: IOCTRCV

    Selected Stat: IOCTXMT

    Selected Stat: IPDUTOT

    Selected Stat: IPDURCV

    Selected Stat: IPDUXMT

    Selected Element: \*

Selected Metrix Name:    SYSTEM

... derived from Metrix: SYSTEM

    Selected Stat: ICPULOAD

    Selected Stat: IINTR

    Selected Stat: IMPSYNC

    Selected Stat: IUSER

    Selected Stat: IMEMFREE

    Selected Stat: IMEMMOD

    Selected Stat: ICACHEINUSE

    Selected Stat: ICACHEHITS

Selected Stat: IPFLTOT  
 Selected Stat: IPFLREADIOS  
 Selected Stat: IPFLWRITEIOS  
 Selected Stat: IPGFLFREERATE  
 Selected Stat: IPGFLIOS  
 Selected Stat: IODIOS  
 Selected Stat: IOBIOS  
 Selected Stat: IXQPWINTURN  
 Selected Stat: ILCKENQNEWLOC  
 Selected Stat: ILCKENQNEWOUT  
 Selected Stat: ILCKENQCVLOC  
 Selected Stat: ILCKENQCVOUT  
 Selected Stat: ILCKDEQLOC  
 Selected Stat: ILCKDEQOUT  
 Selected Stat: ILCKDLFIND  
 Selected Stat: ILCKDLSEARCH  
 Selected Stat: ILCKRMSNGL  
 Selected Stat: ILCKRMACT  
 Selected Stat: ILNMTRAN  
 Selected Element: \*  
 Selected Metrix Name: USER  
 ... derived from Metrix: USER  
 Selected Stat: ICPULOAD  
 Selected Stat: IKERNEL  
 Selected Stat: IEXEC  
 Selected Stat: IUSER  
 Selected Stat: IMEM  
 Selected Stat: IVAMEM  
 Selected Stat: IPFL  
 Selected Stat: IPFLIO  
 Selected Stat: IPGFLCOM  
 Selected Stat: IDIO  
 Selected Stat: IBIO  
 Selected Element: \*  
 Selected Metrix Name: XFCVOLUME  
 ... derived from Metrix: XFCVOLUME  
 Selected Stat: IQIOS  
 Selected Stat: IREADS  
 Selected Stat: IWRITES  
 Selected Stat: IHITS  
 Selected Stat: IREADMB  
 Selected Stat: IWRITEMB  
 Selected Stat: IRSPHIT  
 Selected Stat: IRSPMISS  
 Selected Stat: IRSPTOTAL  
 Selected Element: \*

## Report profiles for HP StorageWorks Virtual Arrays (EVA)

### Report profile BASELINE

Baseline Deviation Report Name: BASELINE OS Type: EVA

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Calculate integral based (NO = arithmetic mean value): No

Time Range [1]: 06:00:00 - 18:00:00

Selected Metrix Name: ARRAY

... derived from Metrix: ARRAY

Selected Stat: ICPULOAD

Selected Stat: IREQS

Selected Stat: IRDREQS

Selected Stat: IWRREQS

Selected Stat: IKB

Selected Stat: IRDKB

Selected Stat: IWRKB

Selected Stat: ILATENCY

Selected Stat: IRDLATENCY

Selected Stat: IWRLATENCY

Selected Stat: IQUE

Selected Element: \*

Selected Metrix Name: CTRL

... derived from Metrix: CTRL

Selected Stat: ICPULOAD

Selected Stat: IREQS

Selected Stat: IRDREQS

Selected Stat: IWRREQS

Selected Stat: IKB

Selected Stat: IRDKB

Selected Stat: IWRKB

Selected Stat: ILATENCY

Selected Stat: IRDLATENCY

Selected Stat: IWRLATENCY

Selected Stat: IQUE

Selected Element: \*

Selected Metrix Name: CTRL.PORT

... derived from Metrix: CTRL.PORT

Selected Stat: IREQS

Selected Stat: IRDREQS

Selected Stat: IWRREQS

Selected Stat: IKB

Selected Stat: IRDKB

Selected Stat: IWRKB

Selected Stat: ILATENCY

Selected Stat: IRDLATENCY

Selected Stat: IWRLATENCY

Selected Stat: IQUE

Selected Element: \*

Selected Metrix Name: DISKGROUP.VDISK

... derived from Metrix: DISKGROUP.VDISK

Selected Stat: IREQS

Selected Stat: IRDREQS

Selected Stat: IRDHITREQS

Selected Stat: IWRREQS  
 Selected Stat: IKB  
 Selected Stat: IRDKB  
 Selected Stat: IRDHITKB  
 Selected Stat: IWRKB  
 Selected Stat: ILATENCY  
 Selected Stat: IRDLATENCY  
 Selected Stat: IRDHITLAT  
 Selected Stat: IRDMISSLAT  
 Selected Stat: IWRLATENCY  
 Selected Element: \*  
 Selected Metrix Name: DRM.TUNNEL  
 ... derived from Metrix: DRM.TUNNEL  
 Selected Stat: ICPYIN  
 Selected Stat: ICPYOUT  
 Selected Stat: IWRTIN  
 Selected Stat: IWRTOUT  
 Selected Stat: ICPYRETRIES  
 Selected Stat: IWRTRETRIES  
 Selected Element: \*

### Report profile MONTH

Trend Report Name: MONTH      OS Type: EVA

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Period captured by single report [Day, Week, Month, Quarter, Year]: MONTH

Time compression: 3600 sec

Calculate full statistics (Avg/Max/Std): No

Selected Metrix Name: ARRAY

... derived from Metrix: ARRAY

Selected Stat: ICPULOAD

Selected Stat: IREQS

Selected Stat: IRDREQS

Selected Stat: IWRREQS

Selected Stat: IKB

Selected Stat: IRDKB

Selected Stat: IWRKB

Selected Stat: ILATENCY

Selected Stat: IRDLATENCY

Selected Stat: IWRLATENCY

Selected Stat: IQUE

Selected Element: \*

Selected Metrix Name: CTRL

... derived from Metrix: CTRL

Selected Stat: ICPULOAD

Selected Stat: IREQS

Selected Stat: IRDREQS

Selected Stat: IWRREQS

Selected Stat: IKB

Selected Stat: IRDKB

Selected Stat: IWRKB

Selected Stat: ILATENCY

Selected Stat: IRDLATENCY

Selected Stat: IWRLATENCY

Selected Stat: IQUE

Selected Element: \*  
 Selected Metrix Name: CTRL.PORT  
 ... derived from Metrix: CTRL.PORT  
 Selected Stat: IREQS  
 Selected Stat: IRDREQS  
 Selected Stat: IWRREQS  
 Selected Stat: IKB  
 Selected Stat: IRDKB  
 Selected Stat: IWRKB  
 Selected Stat: ILATENCY  
 Selected Stat: IRDLATENCY  
 Selected Stat: IWRLATENCY  
 Selected Stat: IQUE  
 Selected Element: \*  
 Selected Metrix Name: DISKGROUP.VDISK  
 ... derived from Metrix: DISKGROUP.VDISK  
 Selected Stat: IREQS  
 Selected Stat: IRDREQS  
 Selected Stat: IRDHITREQS  
 Selected Stat: IWRREQS  
 Selected Stat: IKB  
 Selected Stat: IRDKB  
 Selected Stat: IRDHITKB  
 Selected Stat: IWRKB  
 Selected Stat: ILATENCY  
 Selected Stat: IRDLATENCY  
 Selected Stat: IRDHITLAT  
 Selected Stat: IRDMISSLAT  
 Selected Stat: IWRLATENCY  
 Selected Element: \*  
 Selected Metrix Name: DRM.TUNNEL  
 ... derived from Metrix: DRM.TUNNEL  
 Selected Stat: ICPYIN  
 Selected Stat: ICPYOUT  
 Selected Stat: IWRTIN  
 Selected Stat: IWRTOUT  
 Selected Stat: ICPYRETRIES  
 Selected Stat: IWRTRETRIES  
 Selected Element: \*

### Report profile QUARTER

Capacity Report Name: QUARTER      OS Type: EVA

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Calculate integral based (NO = arithmetic mean value): No

Time Range [1]: 06:00:00 - 18:00:00

Period captured by single report [Day, Week, Month, Quarter, Year]: QUARTER

Calculate day to day deviation for all stats defined: No

Selected Metrix Name: ARRAY

... derived from Metrix: ARRAY

Selected Stat: ICPULOAD

Selected Stat: IREQS

Selected Stat: IRDREQS

Selected Stat: IWRREQS

Selected Stat: IKB

Selected Stat: IRDKB  
 Selected Stat: IWRKB  
 Selected Stat: ILATENCY  
 Selected Stat: IRDLATENCY  
 Selected Stat: IWRLATENCY  
 Selected Stat: IQUE  
 Selected Element: \*  
 Selected Metrix Name: CTRL  
 ... derived from Metrix: CTRL  
 Selected Stat: ICPULOAD  
 Selected Stat: IREQS  
 Selected Stat: IRDREQS  
 Selected Stat: IWRREQS  
 Selected Stat: IKB  
 Selected Stat: IRDKB  
 Selected Stat: IWRKB  
 Selected Stat: ILATENCY  
 Selected Stat: IRDLATENCY  
 Selected Stat: IWRLATENCY  
 Selected Stat: IQUE  
 Selected Element: \*  
 Selected Metrix Name: CTRL.PORT  
 ... derived from Metrix: CTRL.PORT  
 Selected Stat: IREQS  
 Selected Stat: IRDREQS  
 Selected Stat: IWRREQS  
 Selected Stat: IKB  
 Selected Stat: IRDKB  
 Selected Stat: IWRKB  
 Selected Stat: ILATENCY  
 Selected Stat: IRDLATENCY  
 Selected Stat: IWRLATENCY  
 Selected Stat: IQUE  
 Selected Element: \*  
 Selected Metrix Name: DISKGROUP.VDISK  
 ... derived from Metrix: DISKGROUP.VDISK  
 Selected Stat: IREQS  
 Selected Stat: IRDREQS  
 Selected Stat: IRDHITREQS  
 Selected Stat: IWRREQS  
 Selected Stat: IKB  
 Selected Stat: IRDKB  
 Selected Stat: IRDHITKB  
 Selected Stat: IWRKB  
 Selected Stat: ILATENCY  
 Selected Stat: IRDLATENCY  
 Selected Stat: IRDHITLAT  
 Selected Stat: IRDMISSLAT  
 Selected Stat: IWRLATENCY  
 Selected Element: \*  
 Selected Metrix Name: DRM.TUNNEL  
 ... derived from Metrix: DRM.TUNNEL  
 Selected Stat: ICPYIN  
 Selected Stat: ICPYOUT  
 Selected Stat: IWRTIN  
 Selected Stat: IWRTOUT  
 Selected Stat: ICPYRETRIES  
 Selected Stat: IWRTRETRIES  
 Selected Element: \*

## Report profile WEEK

Trend Report Name: WEEK      OS Type: EVA

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Period captured by single report [Day, Week, Month, Quarter, Year]: WEEK

Time compression: 1800 sec

Calculate full statistics (Avg/Max/Std): No

Selected Metrix Name:   ARRAY

... derived from Metrix: ARRAY

    Selected Stat: ICPULOAD

    Selected Stat: IREQS

    Selected Stat: IRDREQS

    Selected Stat: IWRREQS

    Selected Stat: IKB

    Selected Stat: IRDKB

    Selected Stat: IWRKB

    Selected Stat: ILATENCY

    Selected Stat: IRDLATENCY

    Selected Stat: IWRLATENCY

    Selected Stat: IQUE

    Selected Element: \*

Selected Metrix Name:   CTRL

... derived from Metrix: CTRL

    Selected Stat: ICPULOAD

    Selected Stat: IREQS

    Selected Stat: IRDREQS

    Selected Stat: IWRREQS

    Selected Stat: IKB

    Selected Stat: IRDKB

    Selected Stat: IWRKB

    Selected Stat: ILATENCY

    Selected Stat: IRDLATENCY

    Selected Stat: IWRLATENCY

    Selected Stat: IQUE

    Selected Element: \*

Selected Metrix Name:   CTRL.PORT

... derived from Metrix: CTRL.PORT

    Selected Stat: IREQS

    Selected Stat: IRDREQS

    Selected Stat: IWRREQS

    Selected Stat: IKB

    Selected Stat: IRDKB

    Selected Stat: IWRKB

    Selected Stat: ILATENCY

    Selected Stat: IRDLATENCY

    Selected Stat: IWRLATENCY

    Selected Stat: IQUE

    Selected Element: \*

Selected Metrix Name:   DISKGROUP.VDISK

... derived from Metrix: DISKGROUP.VDISK

    Selected Stat: IREQS

    Selected Stat: IRDREQS

    Selected Stat: IRDHITREQS

    Selected Stat: IWRREQS

    Selected Stat: IKB

Selected Stat: IRDKB  
 Selected Stat: IRDHITKB  
 Selected Stat: IWRKB  
 Selected Stat: ILATENCY  
 Selected Stat: IRDLATENCY  
 Selected Stat: IRDHITLAT  
 Selected Stat: IRDMISSLAT  
 Selected Stat: IWRLATENCY  
 Selected Element: \*  
 Selected Metrix Name: DRM.TUNNEL  
 ... derived from Metrix: DRM.TUNNEL  
 Selected Stat: ICPYIN  
 Selected Stat: ICPYOUT  
 Selected Stat: IWRTIN  
 Selected Stat: IWRTOUT  
 Selected Stat: ICPYRETRIES  
 Selected Stat: IWRTRETRIES  
 Selected Element: \*

### Report profile YEAR

Capacity Report Name: YEAR      OS Type: EVA

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Calculate integral based (NO = arithmetic mean value): No

Time Range [1]: 06:00:00 - 18:00:00

Period captured by single report [Day, Week, Month, Quarter, Year]: YEAR

Calculate day to day deviation for all stats defined: No

Selected Metrix Name: ARRAY

... derived from Metrix: ARRAY

Selected Stat: ICPULOAD

Selected Stat: IREQS

Selected Stat: IRDREQS

Selected Stat: IWRREQS

Selected Stat: IKB

Selected Stat: IRDKB

Selected Stat: IWRKB

Selected Stat: ILATENCY

Selected Stat: IRDLATENCY

Selected Stat: IWRLATENCY

Selected Stat: IQUE

Selected Element: \*

Selected Metrix Name: CTRL

... derived from Metrix: CTRL

Selected Stat: ICPULOAD

Selected Stat: IREQS

Selected Stat: IRDREQS

Selected Stat: IWRREQS

Selected Stat: IKB

Selected Stat: IRDKB

Selected Stat: IWRKB

Selected Stat: ILATENCY

Selected Stat: IRDLATENCY

Selected Stat: IWRLATENCY

Selected Stat: IQUE

Selected Element: \*

Selected Metrix Name: CTRL.PORT  
... derived from Metrix: CTRL.PORT  
Selected Stat: IREQS  
Selected Stat: IRDREQS  
Selected Stat: IWRREQS  
Selected Stat: IKB  
Selected Stat: IRDKB  
Selected Stat: IWRKB  
Selected Stat: ILATENCY  
Selected Stat: IRDLATENCY  
Selected Stat: IWRLATENCY  
Selected Stat: IQUE  
Selected Element: \*

Selected Metrix Name: DISKGROUP.VDISK  
... derived from Metrix: DISKGROUP.VDISK  
Selected Stat: IREQS  
Selected Stat: IRDREQS  
Selected Stat: IRDHITREQS  
Selected Stat: IWRREQS  
Selected Stat: IKB  
Selected Stat: IRDKB  
Selected Stat: IRDHITKB  
Selected Stat: IWRKB  
Selected Stat: ILATENCY  
Selected Stat: IRDLATENCY  
Selected Stat: IRDHITLAT  
Selected Stat: IRDMISSLAT  
Selected Stat: IWRLATENCY  
Selected Element: \*

Selected Metrix Name: DRM.TUNNEL  
... derived from Metrix: DRM.TUNNEL  
Selected Stat: ICPYIN  
Selected Stat: ICPYOUT  
Selected Stat: IWRTIN  
Selected Stat: IWRTOUT  
Selected Stat: ICPYRETRIES  
Selected Stat: IWRTRETRIES  
Selected Element: \*

## Report profiles for Brocade

### Report profile BASELINE

Baseline Deviation Report Name: BASELINE OS Type: BROCADE

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Calculate integral based (N0 = arithmetic mean value): No

Time Range [1]: 06:00:00 - 18:00:00

Selected Metrix Name: PORT

... derived from Metrix: PORT

Selected Stat: TOTWORDS

Selected Stat: TXWORDS

Selected Stat: RXWORDS

Selected Stat: TOTFRM

Selected Stat: TXFRM

Selected Stat: RXFRM

Selected Element: \*

Selected Metrix Name: SYSTEM

... derived from Metrix: SYSTEM

Selected Stat: TOTWORDS

Selected Stat: TXWORDS

Selected Stat: TOTFRM

Selected Stat: TXFRM

Selected Stat: RXFRM

Selected Stat: RXC2FRM

Selected Stat: RXC3FRM

Selected Element: \*

### Report profile MONTH

Trend Report Name: MONTH OS Type: BROCADE

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Period captured by single report [Day, Week, Month, Quarter, Year]: MONTH

Time compression: 3600 sec

Calculate full statistics (Avg/Max/Std): No

Selected Metrix Name: PORT

... derived from Metrix: PORT

Selected Stat: TOTWORDS

Selected Stat: TXWORDS

Selected Stat: RXWORDS

Selected Stat: TOTFRM

Selected Stat: TXFRM

Selected Stat: RXFRM

Selected Element: \*

Selected Metrix Name: SYSTEM

... derived from Metrix: SYSTEM

Selected Stat: TOTWORDS

Selected Stat: TXWORDS

Selected Stat: TOTFRM  
Selected Stat: TXFRM  
Selected Stat: RXFRM  
Selected Stat: RXC2FRM  
Selected Stat: RXC3FRM  
Selected Element: \*

### Report profile QUARTER

Capacity Report Name: QUARTER      OS Type: BROCADE

Default Source Performance Collection Profile: DEFAULT  
This report profile is valid for node(s): ALL  
Auto-enable the report (automatically done by Perfdat Report Engine): Yes  
Calculate integral based (NO = arithmetic mean value): No  
Time Range [1]: 06:00:00 - 18:00:00  
Period captured by single report [Day, Week, Month, Quarter, Year]: QUARTER  
Calculate day to day deviation for all stats defined: No  
Selected Metrix Name: PORT  
... derived from Metrix: PORT  
    Selected Stat: TOTWORDS  
    Selected Stat: TXWORDS  
    Selected Stat: RXWORDS  
    Selected Stat: TOTFRM  
    Selected Stat: TXFRM  
    Selected Stat: RXFRM  
    Selected Element: \*  
Selected Metrix Name: SYSTEM  
... derived from Metrix: SYSTEM  
    Selected Stat: TOTWORDS  
    Selected Stat: TXWORDS  
    Selected Stat: TOTFRM  
    Selected Stat: TXFRM  
    Selected Stat: RXFRM  
    Selected Stat: RXC2FRM  
    Selected Stat: RXC3FRM  
    Selected Element: \*

### Report profile WEEK

Trend Report Name: WEEK      OS Type: BROCADE

Default Source Performance Collection Profile: DEFAULT  
This report profile is valid for node(s): ALL  
Auto-enable the report (automatically done by Perfdat Report Engine): Yes  
Period captured by single report [Day, Week, Month, Quarter, Year]: WEEK  
Time compression: 1800 sec  
Calculate full statistics (Avg/Max/Std): No  
Selected Metrix Name: PORT  
... derived from Metrix: PORT  
    Selected Stat: TOTWORDS  
    Selected Stat: TXWORDS  
    Selected Stat: RXWORDS  
    Selected Stat: TOTFRM  
    Selected Stat: TXFRM

Selected Stat: RXFRM  
Selected Element: \*  
Selected Metrix Name: SYSTEM  
... derived from Metrix: SYSTEM  
Selected Stat: TOTWORDS  
Selected Stat: TXWORDS  
Selected Stat: TOTFRM  
Selected Stat: TXFRM  
Selected Stat: RXFRM  
Selected Stat: RXC2FRM  
Selected Stat: RXC3FRM  
Selected Element: \*

### Report profile YEAR

Capacity Report Name: YEAR OS Type: BROCADE

Default Source Performance Collection Profile: DEFAULT  
This report profile is valid for node(s): ALL  
Auto-enable the report (automatically done by Perfdat Report Engine): Yes  
Calculate integral based (NO = arithmetic mean value): No  
Time Range [1]: 06:00:00 - 18:00:00  
Period captured by single report [Day, Week, Month, Quarter, Year]: YEAR  
Calculate day to day deviation for all stats defined: Yes  
Selected Metrix Name: PORT  
... derived from Metrix: PORT  
Selected Stat: TOTWORDS  
Selected Stat: TXWORDS  
Selected Stat: RXWORDS  
Selected Stat: TOTFRM  
Selected Stat: TXFRM  
Selected Stat: RXFRM  
Selected Element: \*  
Selected Metrix Name: SYSTEM  
... derived from Metrix: SYSTEM  
Selected Stat: TOTWORDS  
Selected Stat: TXWORDS  
Selected Stat: TOTFRM  
Selected Stat: TXFRM  
Selected Stat: RXFRM  
Selected Stat: RXC2FRM  
Selected Stat: RXC3FRM  
Selected Element: \*

### Report profiles for Tru64

#### Report profile BASELINE

Baseline Deviation Report Name: BASELINE OS Type: TRU64

Default Source Performance Collection Profile: DEFAULT  
This report profile is valid for node(s): ALL  
Auto-enable the report (automatically done by Perfdat Report Engine): Yes  
Calculate integral based (NO = arithmetic mean value): No

Time Range [1]: 06:00:00 - 18:00:00  
 Selected Metrix Name: TRU64\_DISK  
 ... derived from Metrix: TRU64\_DISK  
     Selected Stat: DEVRATE  
     Selected Stat: DEVKB  
     Selected Stat: DEVSrvIO  
     Selected Stat: DEVWAITIO  
     Selected Stat: DEVQUE  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_DEAMON  
 ... derived from Metrix: TRU64\_DEAMON  
     Selected Stat: CPULOAD  
     Selected Stat: MAJFLT  
     Selected Stat: INBLK  
     Selected Stat: OUTBLK  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_USER  
 ... derived from Metrix: TRU64\_USER  
     Selected Stat: CPULOAD  
     Selected Stat: MAJFLT  
     Selected Stat: INBLK  
     Selected Stat: OUTBLK  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_FILESYS  
 ... derived from Metrix: TRU64\_FILESYS  
     Selected Stat: USED  
     Selected Stat: AVAIL  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_SYSTEM  
 ... derived from Metrix: TRU64\_SYSTEM  
     Selected Stat: CPULOAD  
     Selected Stat: CPUUSER  
     Selected Stat: CPUSYSTEM  
     Selected Stat: DEVINTR  
     Selected Stat: PHMEMUSE  
     Selected Stat: VIRMEMFREE  
     Selected Stat: SWAPUSED  
     Selected Stat: PFLTOT  
     Selected Stat: PRCTOT  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_NIC  
 ... derived from Metrix: TRU64\_NIC  
     Selected Stat: OCTTOT  
     Selected Stat: INOCT  
     Selected Stat: OUTOCT  
     Selected Stat: ERRTOT  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_IP  
 ... derived from Metrix: TRU64\_IP  
     Selected Stat: IDGTOT  
     Selected Stat: IDGRCV  
     Selected Stat: IDGXMT  
     Selected Element: \*

### Report profile MONTH

Trend Report Name: MONTH                      OS Type: TRU64

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL  
 Auto-enable the report (automatically done by Perfdat Report Engine): Yes  
 Period captured by single report [Day, Week, Month, Quarter, Year]: MONTH  
 Time compression: 3600 sec  
 Calculate full statistics (Avg/Max/Std): No  
 Selected Metrix Name: TRU64\_DISK  
 ... derived from Metrix: TRU64\_DISK  
     Selected Stat: DEVRATE  
     Selected Stat: DEVKB  
     Selected Stat: DEVSERVIO  
     Selected Stat: DEVWAITIO  
     Selected Stat: DEVQUE  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_DEAMON  
 ... derived from Metrix: TRU64\_DEAMON  
     Selected Stat: CPULOAD  
     Selected Stat: MAJFLT  
     Selected Stat: INBLK  
     Selected Stat: OUTBLK  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_USER  
 ... derived from Metrix: TRU64\_USER  
     Selected Stat: CPULOAD  
     Selected Stat: MAJFLT  
     Selected Stat: INBLK  
     Selected Stat: OUTBLK  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_FILESYS  
 ... derived from Metrix: TRU64\_FILESYS  
     Selected Stat: USED  
     Selected Stat: AVAIL  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_SYSTEM  
 ... derived from Metrix: TRU64\_SYSTEM  
     Selected Stat: CPULOAD  
     Selected Stat: CPUUSER  
     Selected Stat: CPUSYSTEM  
     Selected Stat: DEVINTR  
     Selected Stat: PHYMEMUSE  
     Selected Stat: VIRMEMFREE  
     Selected Stat: SWAPUSED  
     Selected Stat: PFLTOT  
     Selected Stat: PRCTOT  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_NIC  
 ... derived from Metrix: TRU64\_NIC  
     Selected Stat: OCTTOT  
     Selected Stat: INOCT  
     Selected Stat: OUTOCT  
     Selected Stat: ERRTOT  
     Selected Element: \*  
 Selected Metrix Name: TRU64\_IP  
 ... derived from Metrix: TRU64\_IP  
     Selected Stat: IDGTOT  
     Selected Stat: IDGRCV  
     Selected Stat: IDGXMT  
     Selected Element: \*

## Report profile QUARTER

Capacity Report Name: QUARTER      OS Type: TRU64

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Calculate integral based (N0 = arithmetic mean value): No

Time Range [1]: 06:00:00 - 18:00:00

Period captured by single report [Day, Week, Month, Quarter, Year]: QUARTER

Calculate day to day deviation for all stats defined: No

Selected Metrix Name: TRU64\_DISK

... derived from Metrix: TRU64\_DISK

Selected Stat: DEVRATE

Selected Stat: DEVKB

Selected Stat: DEVSERVIO

Selected Stat: DEVWAITIO

Selected Stat: DEVQUE

Selected Element: \*

Selected Metrix Name: TRU64\_DEAMON

... derived from Metrix: TRU64\_DEAMON

Selected Stat: CPULOAD

Selected Stat: MAJFLT

Selected Stat: INBLK

Selected Stat: OUTBLK

Selected Element: \*

Selected Metrix Name: TRU64\_USER

... derived from Metrix: TRU64\_USER

Selected Stat: CPULOAD

Selected Stat: MAJFLT

Selected Stat: INBLK

Selected Stat: OUTBLK

Selected Element: \*

Selected Metrix Name: TRU64\_FILESYS

... derived from Metrix: TRU64\_FILESYS

Selected Stat: USED

Selected Stat: AVAIL

Selected Element: \*

Selected Metrix Name: TRU64\_SYSTEM

... derived from Metrix: TRU64\_SYSTEM

Selected Stat: CPULOAD

Selected Stat: CPUUSER

Selected Stat: CPUSYSTEM

Selected Stat: DEVINTR

Selected Stat: PHMEMUSE

Selected Stat: VIRMEMFREE

Selected Stat: SWAPUSED

Selected Stat: PFLTOT

Selected Stat: PRCTOT

Selected Element: \*

Selected Metrix Name: TRU64\_NIC

... derived from Metrix: TRU64\_NIC

Selected Stat: OCTTOT

Selected Stat: INOCT

Selected Stat: OUTOCT

Selected Stat: ERRTOT

Selected Element: \*

Selected Metrix Name: TRU64\_IP

... derived from Metrix: TRU64\_IP

Selected Stat: IDGTOT

Selected Stat: IDGRCV  
Selected Stat: IDGXMT  
Selected Element: \*

## Report profile WEEK

Trend Report Name: WEEK      OS Type: TRU64

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Period captured by single report [Day, Week, Month, Quarter, Year]: WEEK

Time compression: 1800 sec

Calculate full statistics (Avg/Max/Std): No

Selected Metrix Name: TRU64\_DISK

... derived from Metrix: TRU64\_DISK

Selected Stat: DEVRATE

Selected Stat: DEVKB

Selected Stat: DEVSRVIO

Selected Stat: DEVWAITIO

Selected Stat: DEVQUE

Selected Element: \*

Selected Metrix Name: TRU64\_DEAMON

... derived from Metrix: TRU64\_DEAMON

Selected Stat: CPULOAD

Selected Stat: MAJFLT

Selected Stat: INBLK

Selected Stat: OUTBLK

Selected Element: \*

Selected Metrix Name: TRU64\_USER

... derived from Metrix: TRU64\_USER

Selected Stat: CPULOAD

Selected Stat: MAJFLT

Selected Stat: INBLK

Selected Stat: OUTBLK

Selected Element: \*

Selected Metrix Name: TRU64\_FILESYS

... derived from Metrix: TRU64\_FILESYS

Selected Stat: USED

Selected Stat: AVAIL

Selected Element: \*

Selected Metrix Name: TRU64\_SYSTEM

... derived from Metrix: TRU64\_SYSTEM

Selected Stat: CPULOAD

Selected Stat: CPUUSER

Selected Stat: CPUSYSTEM

Selected Stat: DEVINTR

Selected Stat: PHYMEMUSE

Selected Stat: VIRMEMFREE

Selected Stat: SWAPUSED

Selected Stat: PFLTOT

Selected Stat: PRCTOT

Selected Element: \*

Selected Metrix Name: TRU64\_NIC

... derived from Metrix: TRU64\_NIC

Selected Stat: OCTTOT

Selected Stat: INOCT

Selected Stat: OUTOCT

Selected Stat: ERRTOT

Selected Element: \*  
Selected Metrix Name: TRU64\_IP  
... derived from Metrix: TRU64\_IP  
Selected Stat: IDGTOT  
Selected Stat: IDGRCV  
Selected Stat: IDGXMT  
Selected Element: \*

## Report profile YEAR

Capacity Report Name: YEAR OS Type: TRU64

Default Source Performance Collection Profile: DEFAULT

This report profile is valid for node(s): ALL

Auto-enable the report (automatically done by Perfdat Report Engine): Yes

Calculate integral based (NO = arithmetic mean value): No

Time Range [1]: 06:00:00 - 18:00:00

Period captured by single report [Day, Week, Month, Quarter, Year]: YEAR

Calculate day to day deviation for all stats defined: Yes

Selected Metrix Name: TRU64\_DISK

... derived from Metrix: TRU64\_DISK

Selected Stat: DEVRATE

Selected Stat: DEVKB

Selected Stat: DEVSERVIO

Selected Stat: DEVWAITIO

Selected Stat: DEVQUE

Selected Element: \*

Selected Metrix Name: TRU64\_DEAMON

... derived from Metrix: TRU64\_DEAMON

Selected Stat: CPULOAD

Selected Stat: MAJFLT

Selected Stat: INBLK

Selected Stat: OUTBLK

Selected Element: \*

Selected Metrix Name: TRU64\_USER

... derived from Metrix: TRU64\_USER

Selected Stat: CPULOAD

Selected Stat: MAJFLT

Selected Stat: INBLK

Selected Stat: OUTBLK

Selected Element: \*

Selected Metrix Name: TRU64\_FILESYS

... derived from Metrix: TRU64\_FILESYS

Selected Stat: USED

Selected Stat: AVAIL

Selected Element: \*

Selected Metrix Name: TRU64\_SYSTEM

... derived from Metrix: TRU64\_SYSTEM

Selected Stat: CPULOAD

Selected Stat: CPUUSER

Selected Stat: CPUSYSTEM

Selected Stat: DEVINTR

Selected Stat: PHYMEMUSE

Selected Stat: VIRMEMFREE

Selected Stat: SWAPUSED

Selected Stat: PFLTOT

Selected Stat: PRCTOT

Selected Element: \*

Selected Metrix Name: TRU64\_NIC  
... derived from Metrix: TRU64\_NIC  
Selected Stat: OCTTOT  
Selected Stat: INOCT  
Selected Stat: OUTOCT  
Selected Stat: ERRTOT  
Selected Element: \*  
Selected Metrix Name: TRU64\_IP  
... derived from Metrix: TRU64\_IP  
Selected Stat: IDGTOT  
Selected Stat: IDGRCV  
Selected Stat: IDGXMT  
Selected Element: \*

## *Default regional setting*

The installation procedure automatically provides the regional setting named DEFAULT. Regional settings define the list separator, the format of numbers, date and time of the CSV files that are mapped, loaded or imported to the distributed PERFDAT performance database as well as how the DQL\$ utility formats numbers, date, time and the list separator when exporting performance data to CSV files.

Name: DEFAULT

Decimal Symbol: .

List Seperator: ,

Date Format : dd-mmm-yyyy

Months (ASCII):

JAN,FEB,MAR,APR,MAY,JUN,JUL,AUG,SEP,OCT,NOV,DEC