VSI OpenVMS

PERFDAT V4.8

Installation and Upgrade Manual

February 2019

Revision/Update Information	New manual.
Software Version	VSI PERFDAT V4.8
Operating System Version	OpenVMS Alpha V7.3-2 & higher OpenVMS I64 V8.2 & higher

February 2019

Contents

Preface

This manual includes:

- VSI PERFDAT V4.8 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 VSI PERFDAT installation, upgrade and uninstall procedure. The reader should be familiar with:

- VSI PERFDAT– Release Notes
- VSI PERFDAT – Architecture and Technical Description
- VSI PERFDAT – PERFDAT_MGR Reference Manual

Document Structure

- Chapter 1 Getting Started
- Chapter 2 Installing VSI PERFDAT
- Chapter 3 Upgrading VSI PERFDAT
- Chapter 4 Uninstalling VSI 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 Italics	indicates variable information that a user supplies.
[ ]	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.

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Getting Started

Supported OpenVMS versions

VSI PERFDAT V4.8 supports the following OpenVMS versions:

- HP OpenVMS V7.3-2 ALPHA
- HP OpenVMS V8.2 ALPHA
- HP OpenVMS V8.3 ALPHA
- HP OpenVMS V8.4 ALPHA
- HP OpenVMS V8.2 I64
- HP OpenVMS V8.2-1 I64
- HP OpenVMS V8.3 I64
- HP OpenVMS V8.3-1H1 I64
- HP OpenVMS V8.4 I64
- VSI OpenVMS V8.4-1H1 I64
- VSI OpenVMS V8.4-2 I64
- VSI OpenVMS V8.4-2L1 I64

Preparing to install/upgrade VSI PERFDAT

Installing or upgrading VSI PERFDAT takes just a few minutes to complete. Please review the following pre-installation tasks before installing or upgrading VSI PERFDAT on your system.

- You must be logged in as SYSTEM to perform the upgrade or installation. If you are not logged in as SYSTEM, the upgrade and installation procedure fails.
- The installation procedure automatically detects whether VSI PERFDAT should be upgraded or installed.
  - If an older version of VSI PERFDAT is already installed and a valid VSI PERFDAT configuration exists, the installation procedure performs an upgrade.
  - If not, the installation procedure performs a full installation.
- No reboot is required after the installation.

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.

VSI PERFDAT Installation Kit:

- PERFDAT048.A

VSI PERFDAT documentation

- DQL$_REFERENCE_V48.PDF
  VSI PERFDAT V4.8 - DQL$ Reference Manual
- PERFDAT_API_USERS_GUIDE_V48.PDF
  VSI PERFDAT V4.8 – Application Programming Interface User's Guide
- PERFDAT_ARCH_TECH_V48.PDF
  VSI PERFDAT V4.8 - Architecture and Technical Description Manual
- PERFDAT_INSTAL_V48.PDF
  This manual
- PERFDAT_MGR_REFERENCE_V48.PDF
  VSI PERFDAT V4.8 - PERFDAT_MGR Reference Manual
- PERFDAT_DETAILED_DEVICE_DESCRIPTION.PDF
  Detailed description of the OpenVMS DEVICE metric statistics
- PERFDAT_RELEASE_V48.PDF
  VSI PERFDAT V4.8 - 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:

- *VSI PERFDAT V4.8 – Release Notes*
- *VSI PERFDAT V4.8 – Architecture and Technical Description*
- *VSI PERFDAT V4.8 – PERFDAT_MGR Reference Manual*

Backing Up the System Disk

Before you install VSI PERFDAT, VSI 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 *VSI OpenVMS System Manager's Manual Essentials*.

Checking the Disk Space

Disk space required for installation (approximately 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 standalone 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 VSI PERFDAT V4.8 if the value of KSTACKPAGES is smaller than 2.The recommended value is 3 or greater.

Installing VSI PERFDAT

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

Installation inquiries

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

- Enter the cluster members to install VSI PERFDAT. VSI PERFDAT installation procedure provides the feature to install VSI PERFDAT cluster-wide via a single cluster member. The prerequisite is that the VSI PERFDAT common resource disk is mounted on all cluster members you select to install VSI 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 VSI PERFDAT common disk. Select a disk that is mounted on all cluster members you have selected to install VSI PERFDAT. If some of the selected cluster members cannot access this disk the installation of VSI 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 VSI 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 VSI 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 VSI 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 10 day full temporary license key.
- Enter the community members as a comma separated list
    - No quotation marks
- You can customize VSI PERFDAT during installation

Special instructions for cluster installation

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

Invoke the installation procedure

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

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

Before installing VSI PERFDAT on a cluster member please refer to the chapter Special Instructions for cluster installation.

To install the VSI PERFDAT software on an OpenVMS Alpha system or OpenVMS I64 system, proceed as follows:

- Log into the SYSTEM account.
- VSI 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 PERFDAT048disk:[directory]

  disk:[directory] defines the directory the VSI 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 VSI PERFDAT is started on cluster member you have selected to install VSI PERFDAT. Thus, no additional user action is required to launch VSI PERFDAT.

Sample VSI 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 nodeHOBEL
    Last interactive login on Wednesday,  11-AUG-2010 09:04:28.75
    Last non-interactive login on Wednesday, 09-AUG-2010 11:09:42.25


$ @SYS$UPDATE:VMSINSTAL PERFDAT048 DKA100:[KITS.PERFDAT048] OPTIONS
NONE


            OpenVMS AXP Software Product Installation Procedure V7.3-2


It is 12-AUG-2010 at 09:52.

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

%VMSINSTAL-W-ACTIVE, The following processes are still active:
      MDMS$SERVER
      TCPIP$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 V4.8

            Beginning installation of PERFDAT V4.8 at 09:52

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

            ****************************************************************

            VSI PERFDAT cluster-wide installation
            ---------------------------------------------

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

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

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

            VSI PERFDAT remote setup fails if a cluster member does not share the
            the common VSI PERFDAT resource device defined when VSI 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 VSI PERFDAT remote setup works,
            perform the checks listed below before you run this installation
```

procedure:

- o VSI PERFDAT installation:
  Check if the device you want to install the common resources of VSI PERFDAT (images, CFG, trend files ...) is available and mounted on all cluster members VSI PERFDAT will be installed automatically.

- o VSI PERFDAT upgrade:
  Check if the logical PERFDAT$COMMON refers the same directory on all cluster members you want to upgrade VSI 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 VSI PERFDAT V4.8 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 VSI PERFDAT V4.8, 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.

VSI PERFDAT V4.8 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 VSI PERFDAT V4.8.

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

```
*****************************************************
*                                                   *
*          Performance Data toolset                 *
*                                                   *
*             VSI-PERFDAT V4.8                      *
*                                                   *
*                                                   *
*          Installation Procedure                   *
*                                                   *
*     Copyright 2016, HPE Austria                   *
*     Copyright 2019, VMS Software Inc.             *
*                                                   *
*****************************************************
```

This kit installs the

VSI PERFDAT OpenVMS data collector	PERFDAT	V4.8,
VSI PERFDAT management interface	PERFDAT_MGR	V4.8,
VSI PERFDAT Archive Server	PERFDAT_ARCHIVE	V4.8,
VSI PERFDAT Auto-Report Engine	PERFDAT_AUTOREP	V4.8,
VSI PERFDAT remote monitoring server	PDM$SRV	V4.8,
VSI PERFDAT Database Connectivity Server	PDBC$SRV	V4.8,
VSI PERFDAT DATA Query server	DQL$SRV	V4.8,
VSI PERFDAT DATA Query interface	DQL$	V4.8,
VSI PERFDAT DATA Query name service	DQL_NAME	V4.8,
VSI PERFDAT EVA agent	PERFDAT_EVA_WRK	V4.8,
VSI PERFDAT EVA agent control	PERFDAT_EVA_MASTER	V4.8,
VSI PERFDAT SNMP agent	PERFDAT_SNMP_WRK	V4.8,
VSI PERFDAT SNMP agent control	PERFDAT_SNMP_MASTER	V4.8
VSI PERFDAT API	PERFDAT_API_AXP.OLB	V4.8
	PERFDAT_API_IA64.OLB	V4.8
Tools:	PERFDAT_IMPORT_RDB	V4.8
	PERFDAT_EVATEST	V4.8
	PERFDAT_CSV2PNG	V4.8
	IMPORT_LOAD_CACHE.COM	
	PERFDAT_LOADCSV.COM	
	DQLGETTOPSTAT.COM	
	NET-SNMP_TEST.COM	
	BROCADE_TEST.COM	

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

```
************************************************************

To start VSI 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 VSI PERFDAT V4.8 to all cluster members you have selected to install VSI PERFDAT and to start-up VSI PERFDAT automatically after installation. Thus, if you do not want to distribute VSI PERFDAT to the selected cluster members and you do not want to start VSI PERFDAT on any node automatically after installation enter No.

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

You are asked for the device to store the common resources of VSI PERFDAT. If you want to install VSI 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.AXP.V84]
- PERFDAT$COMMON:[BIN.IA64.V82]
- PERFDAT$COMMON:[BIN.IA64.V821]
- PERFDAT$COMMON:[BIN.IA64.V83]
- PERFDAT$COMMON:[BIN.IA64.V831]
- PERFDAT$COMMON:[BIN.IA64.V84]
- PERFDAT$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$COMMON:[TOOLS.AXP.V84]
- PERFDAT$COMMON:[TOOLS.IA64.V82]
- PERFDAT$COMMON:[TOOLS.IA64.V821]
- PERFDAT$COMMON:[TOOLS.IA64.V83]
- PERFDAT$COMMON:[TOOLS.IA64.V831]
- PERFDAT$COMMON:[TOOLS.IA64.V84]
- PERFDAT$COMMON:[LOAD.PROCESSED]
- PERFDAT$STARTUP
- PERFDAT$SUPPORT

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

* Enter data collector working device: 1DGA2:↵

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 VSI 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 VSI PERFDAT.

In this example the working directory

- PERFDAT$DB_LOCAL

will be created on 1DGA2, and 1DGA2:[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 VSI PERFDAT, this node is identified as an archive node.

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

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

Decide if tend 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-RDBADDMSGU, 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 VSI 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 register
itself with a 10 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 VSI PERFDAT automatically applies a 10 days temporary license key if VSI PERFDAT is installed the first time.

```
* Create/modify VSI PERFDAT V4.8 startup and run scripts ...

* Apply/modify VSI PERFDAT V4.8 default configuration ...

*****************************************************************

OpenVMS auto-config option:
 ---------------------------------

With the auto-config option all members of the cluster you are
installing VSI PERFDAT are automatically added to the auto-start
table of the VSI PERFDAT configuration database. The installation
procedure assignes 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 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.

****

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

With the OpenVMS auto-configuration option all cluster members of the installation nodes list (= cluster members to install VSI 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 VSI PERFDAT– Architecture and Technical Description and VSI PERFDAT– PERFDAT_MGR Reference Manual.

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

VSI PERFDATprovides 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 analert 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 VSI PERFDAT– Architecture and Technical Description and VSI PERFDAT– PERFDAT_MGR Reference Manual.

```
* Create auto-start entries in the VSI 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'

     ****************************************************************

          If you enabled IVP, VSI 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 VSI PERFDAT on selected cluster members
          ---------------------------------------------------------------

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

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

                         $1$DGA1:

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

                    ******** IMPORTANT **********
```

```
        Please check the output of the setup procedure. If the messages of the
        setup procedures show that the VSI 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 VSI PERFDAT setup check on node HOBEL
PERFDAT-I-INSTAL, deassigning VSI PERFDAT logicals on node HOBEL
PERFDAT-I-INSTAL, upgrading VSI PERFDAT on node HOBEL
PERFDAT-I-INSTAL, upgrading decriptor table of the VSI 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 VSI PERFDAT setup check on node VMSTM2
PERFDAT-I-INSTAL, deassigning VSI PERFDAT logicals on node VMSTM2
PERFDAT-I-INSTAL, upgrading VSI PERFDAT on node VMSTM2
PERFDAT-I-INSTAL, upgrading decriptor table of the VSI 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$STARTUP_QUEUE
PERFDAT_MGR-I-LAUNCHSUCC, perfdat environment launched
Job PERFDAT_SNMP$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_SNMP$STARTUP (queue PERFDAT$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

        ****************************************************************

        VSI PERFDAT cluster-wide startup check
        -------------------------------------------------

        IVP checks after 60 sec if VSI PERFDAT V4.8 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 V4.8 completed at 09:58

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

   Creating installation data file: VMI$ROOT:[SYSUPD]PERFDAT048.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,…) perform the following steps:
  - 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$STARTUP.COMto SYS$STARTUP:SYSTARTUP_VMS.COMto launch the OpenVMS data collector & DQL interface when booting the node.
  - @SYS$STARTUP:PERFDAT_SNMP$STARTUPto SYS$STARTUP:SYSTARTUP_VMS.COMto launch the PERFDAT SNMP extension when booting the node.
  - @SYS$STARTUP:PERFDAT_EVA$STARTUPto SYS$STARTUP:SYSTARTUP_VMS.COMto launch the PERFDATEVA 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 VSI PERFDAT shutdown command
  - MCR PERFDAT_MGR SHUTDOWN ALL to SYS$MANAGER:SYSHUTDWN.COM.

Note

Make sure TCP/IP will be shutdown after executing the VSI PERFDAT shutdown in SYS$MANAGER:SYSHUTDWN.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 VSI PERFDAT–

Architecture and Technical Description and VSI PERFDAT – PERFDAT_MGR Reference Manual.

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

  For detailed information about how to configure non OpenVMS data collections using the VSI PERFDAT EVA extension (HP StorageWorks Virtual Array data collector) and the VSI PERFDAT SNMP extension (remote node performance data collector) please refer to the manuals VSI PERFDAT – Architecture and Technical Description and VSI 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 → see product description

On the cluster members you have installed VSI 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 VSI 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 VSI PERFDAT V4.8.

Images

OpenVMS V7.3-2 ALPHA 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 ALPHA 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$COMMON:[BIN.AXP.V82]PERFDAT_MGR.EXE (new)
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- PERFDAT$COMMON:[BIN.AXP.V82]PERFDAT_SNMP_MASTER.EXE (new)
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- PERFDAT$COMMON:[BIN.AXP.V82]PERFDAT_EVA_MASTER.EXE (new)
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- PERFDAT$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 ALPHA 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)
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- PERFDAT$COMMON:[BIN.AXP.V83]PERFDAT_XML_MASTER.EXE (new)
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- PERFDAT$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 V8.4 ALPHA Images:

- PERFDAT$COMMON:[BIN.AXP.V84]DQL$.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]DQL$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]DQL_NAME.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PDBC$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PDM$CLIENT.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PDM$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDATSCSDEF.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_ARCHIVE.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_AUTOREP.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_CSV2PNG.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_IMPORT_RDB.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_MGR.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_RUNDOWN_SHR.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_SNMP_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_SNMP_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_EVA_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_EVA_WRK.EXE (new)

- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_XML_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_XML_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_XFC_SHR.EXE (new)
- PERFDAT$COMMON:[TOOLS.AXP.V84]PERFDAT_EVATEST.EXE (new)
- PERFDAT$COMMON:[TOOLS.AXP.V84]PERFDAT_XMLTEST.EXE (new)

OpenVMS V8.2 I64 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 I64 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 I64 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 I64 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$COMMON:[BIN.IA64.V831]PERFDAT_IMPORT_RDB.EXE (new)
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- PERFDAT$COMMON:[BIN.IA64.V831]PERFDAT_SNMP_WRK.EXE (new)
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- PERFDAT$COMMON:[BIN.IA64.V831]PERFDAT_EVA_WRK.EXE (new)
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- PERFDAT$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)

OpenVMS V8.4 I64 Images:

- PERFDAT$COMMON:[BIN.IA64.V84]DQL$.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]DQL$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]DQL_NAME.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PDBC$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PDM$CLIENT.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PDM$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDATSCSDEF.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_ARCHIVE.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_AUTOREP.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_CSV2PNG.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_IMPORT_RDB.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_MGR.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_RUNDOWN_SHR.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_SNMP_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_SNMP_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_EVA_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_EVA_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_XML_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_XML_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_XFC_SHR.EXE (new)
- PERFDAT$COMMON:[TOOLS.IA64.V84]PERFDAT_EVATEST.EXE (new)
- PERFDAT$COMMON:[TOOLS.IA64.V84]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$TOOLS:NET-SNMP_TEST.COM (new)
- PERFDAT$TOOLS:BROCADE_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 VSI PERFDAT

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

Upgrade path

You can upgrade directly to VSI PERFDAT V4.8 from any V4.x version and from ECO level of VSI PERFDAT V3.3. Use the following command to display which version of PERFDAT is in use:

$ MCR PERFDAT_MGR SHOW VERSION

Special pre-upgrade tasks

Before you upgrade to VSI PERFDAT V4.8 make sure that no other VSI PERFDAT processes except:

- PERFDAT
- PERFDAT_ARCHIVE
- PERFDAT_SNMP
- PERFDAT_SNMP_x (x = 0…7)
- DQL_NAME

are running.

Ifauto-trend engine processes exist:

- PERFDAT_REPORT
- SNMP_REPORT_x (x = 0…7)

Stop them before you start upgrading VSI 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 VSI PERFDAT has been installed according to the guidelines described in chapter Installing VSI PERFDAT, the upgrade procedure prompts you for the following information:

- Enter the cluster members to upgrade VSI PERFDAT. VSI PERFDAT upgrade procedure provides the feature to upgrade VSI PERFDAT cluster-wide via a single cluster member. The prerequisite is that the VSI PERFDAT common resource disk is mounted on all cluster members you select to upgrade VSI 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 VSI PERFDAT– Architecture and Technical Description and VSI PERFDAT– PERFDAT_MGR Reference Manual.

Special instructions for upgrading VSI PERFDAT in a cluster

If you are upgrading VSI PERFDAT in a cluster, you must first verify that the VSI PERFDAT common resource disk (PERFDAT$COMMON) is mounted on all cluster members before you begin the upgrade.

Invoke the upgrade procedure

This section explains how to upgrade VSI 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 VSI PERFDAT in a cluster if you intend to upgrade VSI PERFDAT in a cluster you are ready to upgrade VSI PERFDAT.

To upgrade the VSI PERFDAT software on an OpenVMS Alpha system or OpenVMS I64 system, proceed as follows:

- Log in to the SYSTEM account.
- VSI 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 PERFDAT048disk:[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 VSI 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-AUG-2010 09:04:28.75
    Last non-interactive login on Wednesday, 09-AUG-2010 11:09:42.25


$ @SYS$UPDATE:VMSINSTAL PERFDAT048 DKA100:[KITS.PERFDAT048] OPTIONS
NONE


            OpenVMS AXP Software Product Installation Procedure V7.3-2


It is 12-AUG-2010 at 09:52.

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

%VMSINSTAL-W-ACTIVE, The following processes are still active:
      MDMS$SERVER
      TCPIP$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 V4.8

            Beginning installation of PERFDAT V4.8 at 09:52

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

            ******************************************************************

            VSI PERFDAT cluster-wide installation
            ---------------------------------------------

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

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

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

            VSI PERFDAT remote setup fails if a cluster member does not share the
            the common VSI PERFDAT resource device defined when VSI 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 VSI PERFDAT remote setup works,
            perform the checks listed below before you run this installation
            procedure:
```

- VSI PERFDAT installation:
  Check if the device you want to install the common resources of VSI PERFDAT (images, CFG, trend files ...) is available and mounted on all cluster members VSI PERFDAT will be installed automatically.

- VSI PERFDAT upgrade:
  Check if the logical PERFDAT$COMMON refers the same directory on all cluster members you want to upgrade VSI 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 VSI PERFDAT V4.8 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 VSI PERFDAT V4.8, 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.

VSI PERFDAT V4.8 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 VSI PERFDAT V4.8.

If the OpenVMS version installed on one of the selected cluster members is not supported by VSI 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 colletion 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 colletion shutdown succeeded


      ******************************************************
      *                                                    *
      *          Performance Data toolset                  *
      *                                                    *
      *             VSI-PERFDAT V4.8                       *
      *                                                    *
      *                                                    *
      *          Installation Procedure                    *
      *                                                    *
      *     Copyright 2016, HPE Austria                    *
      *     Copyright 2019, VMS Software Inc.              *
      *                                                    *
      ******************************************************

This kit installs the
VSI PERFDAT OpenVMS data collector                 PERFDAT                 V4.8,
VSI PERFDAT management interface                   PERFDAT_MGR             V4.8,
            VSI PERFDAT Archive Server             PERFDAT_ARCHIVE         V4.8,
            VSI PERFDAT Auto-Report Engine         PERFDAT_AUTOREP         V4.8,
            VSI PERFDAT remote monitoring server   PDM$SRV                 V4.8,
VSI PERFDAT Database Connectivity Server           PDBC$SRV                V4.8,
            VSI PERFDAT DATA Query server          DQL$SRV                 V4.8,
            VSI PERFDAT DATA Query interface       DQL$                    V4.8,
            VSI PERFDAT DATA Query name service    DQL_NAME                V4.8,
            VSI PERFDAT EVA agent                  PERFDAT_EVA_WRK         V4.8,
            VSI PERFDAT EVA agent control          PERFDAT_EVA_MASTER      V4.8,
            VSI PERFDAT SNMP agent                 PERFDAT_SNMP_WRK        V4.8,
            VSI PERFDAT SNMP agent control         PERFDAT_SNMP_MASTERV4.8

            VSI PERFDAT API                        PERFDAT_API_AXP.OLB     V4.8
                                                   PERFDAT_API_IA64.OLB    V4.8

      Tools:                                       PERFDAT_IMPORT_RDB      V4.8
                                                   PERFDAT_EVATEST         V4.8
                                                   PERFDAT_CSV2PNG         V4.8
                                                   IMPORT_LOAD_CACHE.COM
                                                   PERFDAT_LOADCSV.COM
                                                   DQLGETTOPSTAT.COM
                                                   NET-SNMP_TEST.COM
                                                   BROCADE_TEST.COM

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

      ****************************************************************

      To start VSI 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 VSI PERFDAT V4.8 to all cluster members you have selected to install VSI PERFDAT and to start-up VSI PERFDAT automatically after installation. Thus, if you do not want to distribute VSI PERFDAT to the selected cluster members

and you do not want to start VSI PERFDAT on any node automatically after installation enter No.

```
* Modifying DQL$SRV account …

* Create/modify VSI PERFDAT V4.8 startup and run scripts ...

* Apply/modify VSI PERFDAT V4.8 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. Refer to your TCP/IP
     product documentation for instructions on how to do this.

     ****************************************************************

          If you enabled IVP, VSI 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 VSI PERFDAT on selected cluster members
          ------------------------------------------------------------

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

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

                              $1$DGA1:

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

                    ******** IMPORTANT **********

          Please check the output of the setup procedure. If the messages of the
          setup procedures show that the VSI 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 VSI PERFDAT setup check on node HOBEL
PERFDAT-I-INSTAL, deassigning VSI PERFDAT logicals on node HOBEL
PERFDAT-I-INSTAL, upgrading VSI PERFDAT on node HOBEL
PERFDAT-I-INSTAL, upgrading decriptor table of the VSI 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 VSI PERFDAT setup check on node VMSTM2
PERFDAT-I-INSTAL, deassigning VSI PERFDAT logicals on node VMSTM2
PERFDAT-I-INSTAL, upgrading VSI PERFDAT on node VMSTM2
PERFDAT-I-INSTAL, upgrading decriptor table of the VSI 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$STARTUP_QUEUE
PERFDAT_MGR-I-LAUNCHSUCC, perfdat environment launched
Job PERFDAT_SNMP$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_SNMP$STARTUP (queue PERFDAT$STARTUP_QUEUE, entry 246) started
on PERFDAT$STARTUP_QUEUE
PERFDAT_MGR-I-LAUNCHSUCC, PERFDAT_SNMP launched
Job PERFDAT_EVA$STARTUP (queue PERFDAT$STARTUP_QUEUE, entry 248) started on
PERFDAT$STARTUP_QUEUE
PERFDAT_MGR-I-LAUNCHSUCC, PERFDAT_EVA launched

        ****************************************************************

        VSI PERFDAT cluster-wide startup check
        ---------------------------------------------

        IVP checks after 60 sec if VSI PERFDAT V4.8 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 V4.8 completed at 09:58

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

   Creating installation data file: VMI$ROOT:[SYSUPD]PERFDAT048.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 VSI 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 VSI PERFDAT – Architecture and Technical Description are available:
  - MCR DQL$ LIST METRIX;

Files provided and updated

This section lists all images, command procedures, configuration, template- and help files provided / updated when updating VSI PERFDAT to V4.8.

Images

OpenVMS V7.3-2 ALPHA 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 ALPHA 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 ALPHA 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 V8.4 ALPHA Images:

- PERFDAT$COMMON:[BIN.AXP.V84]DQL$.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]DQL$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]DQL_NAME.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PDBC$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PDM$CLIENT.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PDM$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDATSCSDEF.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_ARCHIVE.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_AUTOREP.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_CSV2PNG.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_IMPORT_RDB.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_MGR.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_RUNDOWN_SHR.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_SNMP_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_SNMP_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_EVA_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_EVA_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_XML_MASTER.EXE (new)

- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_XML_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.AXP.V84]PERFDAT_XFC_SHR.EXE (new)
- PERFDAT$COMMON:[TOOLS.AXP.V84]PERFDAT_EVATEST.EXE (new)
- PERFDAT$COMMON:[TOOLS.AXP.V84]PERFDAT_XMLTEST.EXE (new)

OpenVMS V8.2 I64 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 I64 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 I64 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 I64 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)

OpenVMS V8.4 I64 Images:

- PERFDAT$COMMON:[BIN.IA64.V84]DQL$.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]DQL$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]DQL_NAME.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PDBC$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PDM$CLIENT.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PDM$SRV.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDATSCSDEF.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_ARCHIVE.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_AUTOREP.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_CSV2PNG.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_IMPORT_RDB.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_MGR.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_RUNDOWN_SHR.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_SNMP_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_SNMP_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_EVA_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_EVA_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_XML_MASTER.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_XML_WRK.EXE (new)
- PERFDAT$COMMON:[BIN.IA64.V84]PERFDAT_XFC_SHR.EXE (new)
- PERFDAT$COMMON:[TOOLS.IA64.V84]PERFDAT_EVATEST.EXE (new)
- PERFDAT$COMMON:[TOOLS.IA64.V84]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)
- PERFDAT$TOOLS:NET-SNMP_TEST.COM (new)
- PERFDAT$TOOLS:BROCADE_TEST.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)

Uninstalling VSI PERFDAT

Uninstalling VSI PERFDAT is quite simple. To entirely remove VSI PERFDAT just invoke the following procedure:

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

This procedure stops all current active collections and shuts down the whole VSI PERFDAT environment. All files from the directories listed below are deleted:

- PERFDAT$BIN
- PERFDAT$CFG
- PERFDAT$LOG
- PERFDAT$DB
- PERFDAT$ALERT
- PERFDAT$LOAD
- PERFDAT$COMMON:[LOAD.PROCESSED]
- PERFDAT$TOOLS
- PERFDAT$GRAPH
- PERFDAT$STARTUP
- PERFDAT$SUPPORT

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

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 (N0 = arithmetic mean value): No
TimeRange [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: IIODIOS
Selected Stat: IIOBIOS
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: IIODIOS

Selected Stat: IIOBIOS
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 (N0 = arithmetic mean value): No
TimeRange [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: IIOBIOS
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: IIODIOS
Selected Stat: IIOBIOS
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 (N0 = arithmetic mean value): No
TimeRange [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: IIODIOS
Selected Stat: IIOBIOS
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 (N0 = arithmetic mean value): No
TimeRange [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 (N0 = arithmetic mean value): No
TimeRange [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 (N0 = arithmetic mean value): No
TimeRange [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
TimeRange [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 (N0 = arithmetic mean value): No
TimeRange [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 (N0 = arithmetic mean value): No
TimeRange [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 (N0 = arithmetic mean value): No
TimeRange [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: 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 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: 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 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
TimeRange [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: 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 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 (N0 = arithmetic mean value): No
TimeRange [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: 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: *

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 Separator: ,
Date Format : dd-mmm-yyyy
Months (ASCII):
JAN,FEB,MAR,APR,MAY,JUN,JUL,AUG,SEP,OCT,NOV,DEC