

HP TP Web Connector

Installation Guide

January 2006

This document provides information about installing the *HP TP Web Connector* software on desktop systems, and about installing the TP Web Connector Gateway for ACMS software on systems running the OpenVMS operating system and HP ACMS software. It also describes activities associated with these installations, such as the verification procedure.

| | |
|-------------------------------------|--|
| Revision/Update Information: | This is a revised manual. |
| Operating System: | OpenVMS Alpha Version 8.2 OpenVMS I64 Version 8.2-1 |
| Software Version: | <i>HP TP Web Connector</i> Version 5.0 |

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Preface

This guide presents information about installing the client components for *HP TP Web Connector* software on Windows operating systems, and installing the TP Web Connector Gateway for ACMS software on OpenVMS platforms.

Intended Audience

This document is intended for:

- System managers responsible for HP ACMS transaction processing installations.
- Programmers developing client applications with *HP TP Web Connector* software.

To perform the installation and deinstallation procedures described in this guide, you must have administrator (for a Windows system), or system (for an OpenVMS system) privileges. You should also be familiar with the operating system installation procedure.

Related Software

The *HP TP Web Connector* product is part of a transaction processing software suite that also contains the following products:

- *HP TP Desktop Connector* for ACMS

Complete information about the relationships of other software products with TP Web Connector software appears in the *Software Product Description* (SPD). The SPD also identifies which versions of your operating system are compatible with TP Web Connector software.

You can find it on the HP Web site at <http://h71000.www7.hp.com> by searching for TP Web Connector in Software Product Descriptions.

Related Documents

The following manuals contain information about building client applications with TPware products:

- *HP TP Desktop Connector Getting Started*
- *HP TP Web Connector Getting Started*

A TP Web Connector client that calls ACMS applications uses gateway software that you install on an OpenVMS platform. Information on the gateway installation is contained in Part III of this guide.

Other manuals contain information about installing and managing your ACMS system software and managing your gateway software:

- *HP ACMS Installation Guide*
- *HP ACMS Managing Applications*
- *HP TP Desktop Connector for ACMS Gateway Management Guide*

For information on recommended system management and operations policies and procedures, refer to your site management guide and the volumes in the OpenVMS documentation set that pertain to system management and operations.

The *HP TP Web Connector Release Notes* contain information about new features and current restrictions for TP Web Connector software. Point your Web browser to the `webcon_release_notes.htm` file in the TPware Product Installation Package.

HP recommends that you read the *Release Notes* before you install the software.

Structure

This manual contains multiple parts, as shown in the following table:

| Component | Description |
|--|--|
| Part I: Using the TPware Product Installation Package | |
| Chapter 1 | Describes the contents of the TPware Product Installation Package. |

| Component | Description |
|---|--|
| Part II: Client Installation on a Windows Operating System | |
| Chapter 2 | Provides an Overview of the Client and Gateway Software. |
| Chapter 3 | Explains how to prepare your Windows system for installing TP Web Connector software. |
| Chapter 4 | Describes how to install the TP Web Connector software and samples on your Windows system. |
| Part III: Gateway Installation on an OpenVMS System | |
| Chapter 5 | Explains how to prepare the OpenVMS system for installing TP Web Connector Gateway for ACMS software. |
| Chapter 6 | Describes how to install the TP Web Connector Gateway for ACMS software and sample applications on the OpenVMS system and run the Installation Verification Procedure (IVP). It also tells you how to recover from OpenVMS system and installation failures. |
| Chapter 7 | Describes postinstallation procedures that prepare the OpenVMS system for running TP Web Connector Gateway for ACMS software, and describes how to run the installation verification procedure (IVP) separately from the installation procedure. |

Conventions

This document uses the following conventions:

| Convention | Description |
|-------------------|---|
| TP Web Connector | Represents the <i>HP TP Web Connector</i> software. |
| <i>italics</i> | In text, italic type indicates important information, a HP product name, or the complete title of a manual. In command syntax, it indicates variable parts of input that you must supply. |
| courier | This font indicates a command, programming language, or an object on your screen. |
| user input | In examples, letters that you type are highlighted in boldface type. |
| C:\TPware\ | On a Windows system, this is the default destination for the TP Web Connector installation program. All the examples in this manual use the default. If you choose a different folder during the installation, substitute that drive and folder name. |

| Convention | Description |
|----------------|---|
| . | In examples, a vertical ellipsis indicates that information not directly related to the example has been omitted. |
| Ctrl/ <i>x</i> | This symbol indicates that you press the Ctrl (control) key and hold it down while pressing the specified key (here indicated by <i>x</i>). |
| lowercase | Commands that you enter (except where the command line includes an environment variable) are in lowercase. In text and uncaptioned examples, directory and file specifications are in lowercase. |
| Windows | When used alone, Windows indicates any supported member of the family of Microsoft Windows operating systems. Where necessary, specific Windows operating systems are mentioned. For a list of Microsoft Windows operating systems supported by the TPware products, see the product's <i>Software Product Description</i> (SPD). |

Part I

Using the TPware Product Installation Package

Part I describes the contents of the TPware Product Installation Package.

Part II describes installing TP Web Connector software on Windows operating systems using the Client Saveset. Chapter 2 describes the directories on the Client and Gateway Savesets.

For installing the TP Web Connector Gateway for ACMS software on an OpenVMS system, see Part III.

1

Overview of TPware Product Installation Package

This chapter provides a brief overview of TPware Product Installation Package. Table 1–1 shows the contents of the TP Web Connector directory on the TPware Product Installation Package.

Table 1–1 TP Web Connector Files on the TPware Product Installation Package

| Directory | Name | Description |
|-----------------|--------------------------|--|
| [KITS] | | |
| | ACMSDA050.* | TP Desktop Connector Gateway for ACMS savesets |
| | TPW050.* | TP Web Connector client savesets |
| [DOCUMENTATION] | | |
| | dskcon_release_notes.htm | <i>HP TP Desktop Connector</i> Release Notes (HTML and PDF editions) |
| | dskcon_release_notes.pdf | |
| | tpware_readme.txt | Text file to read before proceeding with product installation |
| | webcon_release_notes.htm | <i>HP TP Web Connector</i> Release Notes (HTML and PDF editions) |
| | webcon_release_notes.pdf | |
| | install_guides | PDF Version of TPware Product Installation guides |

Part II

Client Installation on a Windows Operating System

Part II describes how to install *HP TP Web Connector* software on a Windows operating system. Chapters 3 and 4 describe the following topics concerning the installation of TP Web Connector software.

- Preparing for Installation on a Windows Operating System
- Installing Client Software on a Windows Operating System

If your client program accesses an ACMS application, refer to Part III about installing the TP Web Connector Gateway for ACMS software on an ACMS system.

Overview of Client and Gateway Software

This chapter provides an Overview of the Client and Gateway Savesets.

2.1 Overview of Client Software

The Client Saveset contains all the software required for development and deployment of TP Web Connector client applications. Included is the gateway needed to connect a TP Web Connector client program to an ACMS system (see Section 2.2). Table 2–1 lists the contents of the Client Saveset.

Table 2–1 Contents of the Client Saveset

| Name | Contents |
|----------------------|---|
| dunix.exe | TP Desktop Connector client services ¹ and samples for Tru64 UNIX systems |
| intel32.exe | Runtime and development kit for the entire TPware product suite on platforms running 32-bit Microsoft Windows operating systems |
| vmsalpha.exe | TP Desktop Connector client services ¹ and samples for OpenVMS Alpha systems |
| vmsi64.exe | TP Desktop Connector client services ¹ and samples for OpenVMS I64 systems |
| TPW050.RELEASE_NOTES | <i>HP TP Web Connector Release Notes for Client Software.</i> |

¹Formerly known as the ACMS Desktop “portable API” services.

2.2 Gateway Installation Software Overview

HP distributes the TP Web Connector Gateway for ACMS software on a separate Saveset included in the TPware Product Installation Package. The software is contained in the top-level directory.

The gateway software includes both development and runtime software necessary for building and running TP Web Connector clients that access tasks running on an ACMS system.

Note

This software does **not** include the ability to build and run ACMS task or processing servers.

The software contains the following components that are installed on an ACMS system.

- *Release Notes*
- TP Web Connector Gateway for ACMS software
 - Images and a text file supporting ACMS task calls between the ACMS Desktop adapter and the ACMS system
 - ACMSDA\$FORMS_MANAGER_SHR.EXE
 - ACMSDA\$GATEWAY.EXE
 - ACMSDA\$GATEWAY_MESSAGES.TXT
 - ACMSDA\$GATEWAY_SHR.EXE
 - ACMSDA\$MSG.EXE
 - ACMSDA\$STOP_DESKTOP_GATEWAY.EXE
 - ACMSDA\$TSS_SHR.EXE
 - Command procedures for controlling the TP Web Connector Gateway for ACMS process
 - ACMSDA\$SHUTDOWN.COM
 - ACMSDA\$STARTUP.COM
 - ACMSDA\$STARTUP.PRM
 - Employee sample files
 - EMPLOYEE_WEB_GROUP.GDF
 - EMPLOYEE_WEB_ADD.TDF
 - EMPLOYEE_WEB_GET.TDF
 - EMPLOYEE_WEB_PUT.TDF
 - Add sample files
 - ADD_ACMS_APPL.ADF
 - ADD_LOGICALS.COM
 - ADD_NUMBER.CDO
 - ADD_PROCEDURE.C

ADD_SAMPLE.COM
ADD_SAMPLE_BUILD.COM
ADD_SAMPLE_LINK.COM
ADD_SAMPLE_README.TXT
ADD_TASK.TDF
ADD_TASK_GROUP.GDF

If ACMS applications are to be used with TP Web Connector software, see Part III of this guide for installation instructions.

3

Preparing for Installation on a Windows Operating System

This chapter describes the preparations necessary for installing *HP TP Web Connector* software on a Windows operating system, including the removal of any previous software version. Be sure to verify the contents of your kit with this information. If your kit is damaged or incomplete, contact your customer representative.

3.1 Preparing to Install TP Web Connector Software

Before you install TP Web Connector, ensure that your system meets the software requirements. The *TP Web Connector Software Product Description* (SPD) lists the minimum software requirements needed to install TP Web Connector software and build client applications that run with transaction processing systems.

3.1.1 Disk Space

Installing TP Web Connector software requires a certain amount of free storage space. This amount depends on the number of options you choose. Table 3-1 shows the storage requirements for each of the TP Web Connector options.

Note that the TPware development tools include the runtime services needed for testing.

Table 3-1 Disk Space Requirements on a Windows Operating System

| Options Installed | Kilobytes (KB) |
|-------------------|----------------|
| Development tools | 4,130 |

Note

These are the minimum disk space requirements. These estimates, though conservative, are not always an accurate indicator of the disk space used on a particular machine. The installation program cannot determine all system disk configuration details (the size of the disk sector and the number of sectors per cluster, for example). Therefore, some systems require more space.

3.2 Removing the Installed Software

HP recommends that you remove the previous version of TP Web Connector before upgrading to Version 5.0. Do not remove the TPware software if you simply plan to reinstall to select additional products or components.

Note

When you remove the software, you lose the settings defined in the TPware Management Utility. Refer to *HP TP Web Connector Release Notes* for instructions on saving your management settings prior to removing the software.

Remove the installed *HP TP Web Connector* software from your system using one of the following methods.

- The shortcut provided in the TPware Products program group (see Section 3.2.1).
- The system Add/Remove Programs utility (see Section 3.2.2).

3.2.1 Using the Shortcut

To remove the software, use the shortcut provided in the TPware program group:

Note

The uninstall procedure removes all currently installed TPware products.

1. Click the Start button.
2. Choose the Programs menu.

3. Choose the TPware Products program group.

If you chose a different program group while installing *HP TP Web Connector*, the Programs menu lists that group name in place of TPware Products.

4. Choose the Uninstall TPware item.

3.2.2 Using Add/Remove Programs

To remove the software, use the system Add/Remove Programs utility.

1. Double click the Add/Remove Programs icon in the Control Panel window.
2. Choose the HP TPware item.
3. Click the Add/Remove... button.

4

Installing Client Software on a Windows Operating System

This chapter describes the procedures for installing or reinstalling the *HP TP Web Connector* software from the Client Saveset on a Windows operating system. This chapter also contains information on postinstallation tasks.

For information on installing TP Web Connector Gateway for ACMS software on an OpenVMS system, see Part III of this guide.

4.1 Client Installation Procedure

To install TP Web Connector software, run the setup program provided on the Client Saveset (see Table 2–1). Double click (or choose Run from the Start menu and enter) the following:

The setup program displays a splash screen and a progress indicator while it initializes its wizard. When setup starts, you see a series of dialog boxes. The following table lists the operations associated with each button that appears in the dialog boxes:

| To do this... | Click this button: |
|--|--------------------|
| Complete the choices in a dialog box and continue. | Next |
| Return to a previous dialog box. | Back |
| Exit without completing the installation. | Cancel |

Follow the instructions in the dialog boxes to select installation of TP Web Connector.

The setup utility checks whether there is sufficient disk storage, copies the appropriate files, and performs registry operations.

If setup finds that a prerequisite software product is not installed or that the minimum version of a prerequisite product is not on the system, it displays a **Warning** box showing the product name and version. The installation may continue after the warning or it may fail, depending on the prerequisite. If the installation continues, you must install the prerequisite software before you can actually use TP Web Connector.

4.2 After Installing Client Software

This section describes some procedures you may want to perform after the setup program finishes.

4.2.1 Setting Up the TP Web Connector Environment

Before developing TPware client applications, you must set up the environment variables that TPware software requires. To do this, run the command file installed by the setup program:

```
C:\TPware\stdl\bin\stdl_set_version.bat
```

Note

All examples show the default location. If you chose a different destination while running setup, substitute your own drive and folder for C:\TPware.

4.2.2 Verifying the TP Web Connector Installation

To verify the accuracy of your TP Web Connector software installation, run one of the sample applications provided with your product. The TPware Products program group contains samples and instructions for each platform. To start the samples:

1. Click the **Start** button.
2. Choose the **Programs** menu.
3. Choose the **TPware Products** program group.
4. Choose the **TP Web Connector** folder.
5. Choose one of the following items:
 - **ACMS Web Samples**

4.2.3 Accessing the Transaction Processing System

If your client application accesses an ACMS transaction processing system, install the TP Web Connector Gateway for ACMS on an OpenVMS system. HP distributes the TP Web Connector Gateway for ACMS software on a separate Saveset included in the TPware Product Installation Package (see Section 2.2). Instructions for installing the TP Web Connector Gateway for ACMS software appear in Part III of this guide (Chapters 5 through 7).

Part III

Gateway Installation on an OpenVMS System

Part III describes TP Web Connector Gateway for ACMS software installation on an OpenVMS system. Chapters 5 through 7 describe the following topics concerning the installation of TP Web Connector Gateway for ACMS software.

- Preparing to Install TP Web Connector Gateway for ACMS Software
- Installing TP Web Connector Gateway for ACMS Software
- After Gateway Installation on an OpenVMS System

Preparing to Install TP Web Connector Gateway for ACMS Software

This chapter provides an installation overview, describes the preparations necessary to install the TP Web Connector Gateway for ACMS software on an OpenVMS system running ACMS software, and includes requirements and activities associated with the installation.

5.1 Preparing to Install the Gateway Components

This section describes support and preparations required on the OpenVMS system to install successfully and use the gateway software. The saveset for the software includes on-line *Release Notes* (see Section 2.2). HP recommends that you read the *Release Notes* before installation because they may contain important information about the installation procedure.

5.1.1 Hardware Support

TP Web Connector Gateway for ACMS components run on the following hardware types:

- HP Alpha systems
- HP I64 systems

See the *HP TP Web Connector Software Product Description* (SPD) for the supported hardware platforms.

5.1.2 System Requirements

See the *HP TP Web Connector Software Product Description* for the supported versions of OpenVMS software.

5.1.3 Prerequisite Software

The *Software Product Description* contains a complete list of the products that are compatible with this version of the software.

5.1.4 Privileges and Authorization

To install the TP Web Connector Gateway for ACMS software, you must be logged in to an account with the following privileges:

NETMBX
SETPRV
TMPMBX

The SYSTEM account has all the required privileges for the installation.

VMSINSTAL turns off the BYPASS privilege at the start of the installation and sets the privileges that it needs during the installation.

The account under which you run VMSINSTAL must have sufficient disk quotas to install.

5.1.5 OpenVMS Disk Space Requirements

The TP Web Connector Gateway for ACMS components require a peak amount of free storage space during the installation and a net amount of storage after the installation, as shown in Table 5–1.

Table 5–1 OpenVMS TP Web Connector Disk Space Requirements

| Usage | Blocks | |
|------------------|--------|-----|
| | Peak | Net |
| Gateway software | 24K | 2K |

5.1.6 Installation Procedure Requirements

The installation procedure imposes the following requirements:

- Time
The gateway software requires approximately five minutes to install.
- System disk backup
At the beginning of the installation, VMSINSTAL asks whether your system disk is backed up. HP recommends that you always back up the system disk before installing new software on the operating system.
- Print queue for release notes

If you select the option to print the release notes during installation, `VMSINSTAL` asks for a print queue name. The default name is `SYS$PRINT`. Enter the name of an ANSI queue on your system to change the default queue.

- **Installation Verification Procedure**

The installation verification procedure (IVP) for the TP Web Connector Gateway for ACMS software verifies that the product is installed correctly. During installation, `VMSINSTAL` gives you the option of running the IVP as part of the installation procedure.

After you install the components, you can run the IVP independently to verify that the software is available on your system. See Section 7.3 for information about running the IVP separately from the installation procedure.

5.1.7 Aborting the Installation

To abort the installation procedure at any time, press `Ctrl/Y`. When you press `Ctrl/Y`, the installation procedure deletes all files it has created up to that point and exits. You can then start the installation again.

6

Installing TP Web Connector Gateway for ACMS Software

To install the TP Web Connector Gateway for ACMS software, perform the steps described in Sections 6.1 through 6.4.

6.1 Stopping the TP Web Connector Gateway for ACMS

If you have the gateway already installed and running, shut it down. While logged in to the system under an account having the appropriate privileges as described in Section 5.1.4, execute a command procedure to stop the gateway process. For example:

```
$ @SYS$STARTUP:ACMSDA$SHUTDOWN
$
```

When the gateway process stops, proceed to Section 6.2 to invoke VMSINSTAL.

6.2 Invoking VMSINSTAL

When you invoke VMSINSTAL, it checks for the following conditions:

- You are logged in to a privileged account.
- You have adequate quotas for installation.
- No users are logged in to the system.

If VMSINSTAL detects any problems during the installation, it notifies you of the problem and asks whether you want to continue the installation. In some instances, you can answer YES to continue. To stop the installation process and correct the situation, answer NO or press the Enter key.

Perform the following steps.

1. While logged in to the privileged account, set the default to the directory of the stored saveset files. For example:

```
$ SET DEFAULT SYS$UPDATE
$
```

SYS\$UPDATE is used in this example.

2. Use the following syntax to invoke VMSINSTAL:

```
@SYS$UPDATE:VMSINSTAL saveset-name directory-name OPTIONS N
```

The parameter *saveset-name* represents the installation name for the component. For the TPware components, use the following installation name:

```
ACMSDA
```

If you do not supply the saveset name, VMSINSTAL prompts you for it later in the installation procedure.

The parameter *directory-name* represents the location of the saveset files. If you do not supply *directory-name*, VMSINSTAL prompts you for this information later in the installation procedure.

OPTIONS N is an optional parameter indicating that you want to be prompted to display or print the release notes. If you do not include the OPTIONS N parameter, VMSINSTAL does not prompt you to display or print the release notes.

VMSINSTAL supports several other options. For information, refer to the OpenVMS documentation on software installation.

3. Execute the installation procedure.

VMSINSTAL asks several installation questions as described in Section 6.3.

6.3 Installation Questions

This section discusses the questions that VMSINSTAL asks during the installation. Each question in the installation is marked with an asterisk (*) at the beginning of the line. Some questions show the default response in brackets, for example, [YES]. To give the default response, press the Enter key.

The following are the questions:

1. Confirming active processes

VMSINSTAL displays a list of all active processes and asks whether you want to continue the installation. Install the TP Web Connector Gateway for ACMS software on a standalone system or cluster with DECnet shut down to minimize possible installation problems.

2. Confirm system backup

VMSINSTAL asks whether you are satisfied with your system backup. Always back up your system disk before performing an installation. If you are satisfied with the backup of your system disk, press the Enter key. Answer NO to discontinue the installation.

3. Release notes

If you specified OPTIONS N when you invoked VMSINSTAL, the installation procedure gives you the following options for reviewing the release notes:

- Display release notes
If you select option 1, VMSINSTAL displays the release notes immediately on the console terminal. You can terminate the display at any time by pressing Ctrl/C.
- Print release notes
If you select this option, VMSINSTAL prompts for the name of the print queue to use. Enter a queue name or press the Enter key to send the file to the default output print device.
- Both 1 and 2
If you select this option, VMSINSTAL displays the release notes on line and prompts for a queue name for the print device.
- None of the above
If you select option 4, VMSINSTAL continues the installation without printing or displaying release notes.

4. Continuing the installation

The installation procedure asks whether you want to continue the installation. To continue, answer YES. Otherwise, press the Enter key. In either case, the release notes are copied to a file in the SYS\$HELP directory.

5. Choosing to run the IVP

When you install the software, the installation procedure asks whether to run the IVP. The IVP checks that the software is installed correctly. HP recommends that you run the IVP during installation.

6. If the installation procedure has been successful up to this point, VMSINSTAL moves the new or modified files to their target directories and updates help files. If you asked for files to be purged, that work is done. The following message is displayed.

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

If you are installing the TPware components on a system disk that has limited free space, VMSINSTAL might not be operating in safety mode. In this case, VMSINSTAL processes all files immediately and does not display the %VMSINSTAL-I-MOVEFILES... message.

If the disk has quotas enabled, an informational message is displayed.

7. If you chose to run the IVP, VMSINSTAL runs it next. When the IVP runs successfully, you see the following messages displayed:

```
The TP Web Connector V5.0 Gateway for ACMS IVP started....
```

```
The TP Web Connector V5.0 Gateway for ACMS IVP completed successfully
```

If you see no other messages between these messages and those described in Section 6.4, the IVP completed successfully.

6.4 Completing the Installation Procedure

The following messages indicate that the installation procedure is completed:

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

```
Creating installation data file:
```

```
VMS$ROOT:[SYSUPD]ACMSDA.VMI_DATA
```

```
Installation of ACMSDA V5.0 - completed at 13:32
```

```
VMSINSTAL procedure done at 13:33
```

```
$
```

You can now log out of the privileged account.

VMSINSTAL deletes or changes entries in the process symbol tables during the installation. Therefore, if you continue using the SYSTEM account and you want to restore these symbols, log out of the system and log in to the system again.

6.5 System Failures

If you experience a system failure, such as a power loss, during installation, VMSINSTAL attempts to continue the installation when you reboot the system. Depending on when the system fails during the installation, one of the following conditions exists:

- The system disk did not undergo any changes before the system failure. VMSINSTAL instructs you to restart the installation.

- The system disk used by the installation was corrupted. VMSINSTAL instructs you to restore the system disk from the backup copy and restart the installation.
- VMSINSTAL continues the installation and can tell you to manually purge replaced files, even if you request that they be purged automatically. You can purge files, but remember that purging deletes all but the latest version of all files on your system disk. If you have multiple versions of system files to save, you can delete just the TPware files that you want to remove from system directories.

To purge files, perform the following steps:

1. Reboot the system.
2. Log in to the SYSTEM account.
3. Purge all system files using the following command:

```
$ PURGE/LOG SYS$SYSROOT:[*...]*.*
```

After you perform this task, the installation is completed.

After you see the message that indicates the beginning of the IVP, the installation of the component software is completed. If the system fails subsequently, VMSINSTAL displays the following message when you reboot:

```
%VMSINSTAL-I-RECOVER, ACMSDA was being installed
when the system crashed.
```

This message indicates that VMSINSTAL finished successfully, not that the installation of the software was successful. VMSINSTAL does not automatically restart the IVP. Run the IVP independently.

6.6 Installation Failures

If the installation of the TPware components or a sample application fails for some reason other than a system failure, the installation procedure displays a message describing the cause of the failure. To continue with the installation, correct the condition causing the error and restart the installation procedure from the beginning.

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect.
- A prerequisite software version is incorrect.
- Quotas necessary for successful installation are insufficient.
- System parameter values for successful installation are insufficient.

- The OpenVMS HELP library is currently in use.

For descriptions of the error messages generated by these conditions, refer to the OpenVMS documentation on system messages, recovery procedures, and OpenVMS software installations. If you are notified that any of these conditions exist, take the appropriate action as described in the message. (You might need to change a system parameter or increase a quota value.)

If the installation of the component software is completed satisfactorily, but a test fails during the IVP, the IVP displays a message describing the failure and suggests a course of action.

In most cases, the suggested course of action is to reinstall the software. If the IVP still fails after you reinstall, contact a HP software specialist.

After Gateway Installation on an OpenVMS System

After installing the TP Web Connector Gateway for ACMS software (see Chapter 6), you can perform the procedures described in this chapter to operate the gateway (see Section 7.1), set up the software to call ACMS tasks (see Section 7.2), and run the TP Web Connector IVP (see Section 7.3).

7.1 Operating the TP Web Connector Gateway for ACMS

If you install TP Web Connector Gateway for ACMS software on your system, you can do the following:

1. Edit the OpenVMS system startup file so that the gateway process runs when the system bootstraps. The OpenVMS system startup files provide for automatic startup of TP Web Connector Gateway for ACMS. (This step is usually *not* necessary for system upgrades.)
2. Edit OpenVMS system shutdown file so that the TP Web Connector Gateway for ACMS process stops when system shutdown occurs. The OpenVMS system shutdown files provide for automatic shutdown of the TP Web Connector Gateway for ACMS process. (This step is usually *not* necessary for system upgrades.)
3. Enable the TPware adapters to find the TP Web Connector Gateway for ACMS. Supply the necessary configuration information using the TPware management utility.

For information on using the TPware management utility, refer to the *HP TP Web Connector Getting Started* manual shipped with your kit.

7.2 Steps for Calling ACMS Tasks

If you are developing clients that call ACMS tasks that run on this ACMS system, follow these general steps:

- Use the ACMSADU Extension on the OpenVMS system to begin the client program development (refer to *HP TP Web Connector Getting Started*).
- Install the TP Web Connector software on a system on which you are doing the client program development (see Part II).
- Set up TP Web Connector Gateway for ACMS on the ACMS system (refer to *HP TP Web Connector Getting Started*).
- Configure any TPware management parameters (refer to *HP TP Web Connector Getting Started*).

7.3 Running the TPware IVP

This section describes how to run the installation verification procedure (IVP) separately from the installation procedure. The IVP can be run as a part of the normal installation. The IVP automatically runs when you install the software and answer YES to the IVP question. If the IVP fails for any reason, correct the error and rerun the IVP.

The IVP checks that the installation procedure successfully completed installing the TP Web Connector Gateway for ACMS software and that the software can be used to set up or run applications. The IVP checks that all the necessary files are on the system.

7.3.1 IVP Steps

To run the IVP independently of the installation procedure, follow these steps:

1. Log in to the SYSTEM account.
2. Set your default to the test directory (SYS\$TEST).
3. Run the following command procedure.

```
ACMSDA$IVP.COM
```

You can run the IVP only on your current booted system. You cannot run the IVP over a networked connection. For example:

```
$ @ACMSDA$IVP
```

The IVP takes no more than 30 seconds to run, depending on the current system load.

7.3.2 IVP Error Recovery

As the IVP executes, it checks the success of each test and operation that it performs. If any test or operation fails, the IVP displays a message describing the failure and suggests a course of action. Follow the suggested course of action and then restart the IVP.

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