VAX SCAN Installation Guide

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This document contains instructions for installing VAX SCAN on the VMS operating system. It also explains how to read the online release notes before or after installing the product. This document applies to VAX SCAN Version 1.2 and all maintenance updates throughout that version.

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Preface

This document describes how to install VAX SCAN on the VMS operating system. It is intended for system managers. This document applies to VAX SCAN Version 1.2 and all maintenance updates in that version. A major version number is represented by the digits to the left of the decimal point, and the maintenance update version number is indicated by the digits to the right of the decimal point.

Keep this document with your distribution kit. You will need it to install maintenance updates or to reinstall VAX SCAN for any other reason.

At the back of this document are two Reader's Comments forms. If you have any comments about this document, fill out one form and mail it; your comments will be considered for the next revision of the installation guide.

For more information about installing VAX SCAN on VMS systems, see your processor-specific installation/operations guide.

The installation procedure is described step-by-step and is, for the most part, self-explanatory. The system prompts you to answer questions and to change volumes, and waits for you to tell it to continue.

Defaults appear in brackets ([ ]) throughout the installation procedure. Text you type is indicated in red.

1 Preparing to Install VAX SCAN

Your bill of materials (BOM) and indented bills report (BIL) specify the number and contents of your media. Be sure to check the contents of your kit against this information. If your kit is damaged or if you find that parts of it are missing, call your Digital representative.

Distribution media must be mounted in numerical order. The installation procedure prompts you to mount the volumes. For more information on how to mount distribution media, see your processor-specific installation/operations guide, which also details several options to the installation procedure.

1.1 Prerequisite Software

VAX SCAN Version 1.2 requires VMS Version 5.0 or higher. To use the DECwindows Compiler Interface (DWCI), VAX SCAN Version 1.2 requires VMS Version 5.1 or higher on your system. If you are planning to install the VAX Language-Sensitive Editor environment file for SCAN, make sure the VAX Language-Sensitive Editor is installed first.

1.2 Accessing the Online Release Notes

VAX SCAN provides online release notes. The prompt to display or print the release notes during the installation appears in step 5 of the installation procedure when you invoke VMSINSTAL with the OPTIONS N parameter (the OPTIONS N parameter is available only with VMS Version 4.4 or higher).

Digital strongly recommends that you read the release notes for this product before proceeding with the installation.

To obtain the release notes after the installation, type or print the file SYS$HELP:SCAN$012.RELEASE_NOTES. Online help also directs you to the release notes file. After the installation, type the following command:

```
$ HELP SCAN RELEASE_NOTES RETURN
```

1.3 Installation Procedure Requirements

The installation takes approximately ten minutes, depending on the type of media and your system configuration. Before installing VAX SCAN, you must have the following privileges and resources:

- SETPRV privileges, or CMKRNL, WORLD, and SYSPRV privileges
- A minimum of 4700 blocks of free disk space during installation; 2200 blocks are used after installation

NOTE

You must ensure that your system has the necessary global page and global section SYSGEN quotas for the installation. Failure to do so could cause the DCL tables to be corrupted in some situations.

To determine the number of available global pages on your system, invoke the VMS Install Utility by typing the following command:

```
$ INSTALL RETURN
```

The following is an example of the LIST/GLOBAL/SUMMARY command that gives global pages information:

```
INSTALL>  LIST/GLOBAL/SUMMARY RETURN

        Summary of Local Memory Global Sections

357 Global Sections Used,  38680/61320 Global Pages Used/Unused

INSTALL>  EXIT RETURN
```

When you issue these commands, the system displays a summary of the number of global sections used, the number of global pages used, and the number of global pages unused. To exit from the VMS Install Utility, type the EXIT command.

VAX SCAN requires approximately 826 global pages. If there are fewer than 826 pages available, you can delete an existing known image with the VMS Install Utility, or you can increase the GBLPAGES system parameter with the VMS System Generation Utility (SYSGEN) by editing the file SYS$SYSTEM:MODPARAMS.DAT and then invoking the AUTOGEN command procedure, SYS$UPDATE:AUTOGEN.COM. For more information on the AUTOGEN command procedure, see your processor-specific installation/operations guide.

You can determine the number of available global sections by invoking SYSGEN as follows:

```
$  RUN SYS$SYSTEM:SYSGEN RETURN
SYSGEN>  USE CURRENT RETURN
SYSGEN>  SHOW GBLSECTIONS RETURN

SYSGEN>  EXIT RETURN
```

The last number displayed is the maximum number of global sections. Compare this number to the number of global sections in use displayed by the VMS Install Utility. VAX SCAN requires 4 global sections. Therefore, if the number of global sections used plus one exceeds the maximum number of global sections, you must increase the number of available global sections before you can install VAX SCAN. To increase the number, you must increase the GBLSECTIONS system parameter with SYSGEN by editing the file SYS$SYSTEM:MODPARAMS.DAT and then invoking the SYS$UPDATE:AUTOGEN.COM procedure. For more information on the AUTOGEN.COM procedure, see your processor-specific installation/operations guide.

If the number of global sections used plus one is less than the maximum number of global sections, you can exit from SYSGEN and continue.

1.4 User Account Quotas and Privileges

To use VAX SCAN, each account must have TMPMBX and NETMBX privileges.

1.5 VMS License Management Facility

The VMS License Management Facility (LMF) is available with Version 5.0 of the VMS operating system. If you are installing VAX SCAN on a VMS V5.0 system, you must register your VAX SCAN software license.

The license registration information you need is contained in the Product Authorization Key (PAK) that is shipped with VAX SCAN. The PAK is a paper certificate that contains information about the license you have to run a particular piece of software.

During the installation, you are asked if you have registered the VAX SCAN license and loaded the appropriate authorization key. You must register and load your license for VAX SCAN *before* you start the installation in order to run the Installation Verification Procedure (IVP) and use the software. If you have not registered and installed the license prior to installing VAX SCAN, the installation procedure will continue to completion; however, the

IVP will not execute and the SCAN software will not be usable. You can register and install the license later, at which time you can then run the IVP and use the software.

To register a license under VMS V5.0, first log in to the system manager's account, SYSTEM. You then have a choice of two ways to perform the registration:

- Invoke the SYS$UPDATE:VMSLICENSE.COM procedure. When it prompts you for information, respond with data from your Product Authorization Key (PAK).
- Issue the LICENSE REGISTER DCL command with the appropriate qualifiers that correspond to information on the PAK.

For complete information on using LMF, see the manual on the License Management Utility in the VMS documentation set.

1.6 Using VMSINSTAL

After you log in to a privileged account to install VAX SCAN, invoke VMSINSTAL, the command procedure that installs this product. An example of this procedure is shown in steps 1 and 2 of the Installing VAX SCAN section.

The VMSINSTAL command procedure has the following syntax:

```
$ @SYS$UPDATE:VMSINSTAL SCAN012 ddcu: [OPTIONS N]
```

You can also type an asterisk (*) in place of SCAN012. If you are installing from magnetic tape, you can use the asterisk to save installation time; the asterisk causes VAX SCAN to be installed with a minimum of tape passes.

ddcu:
Represents a device name where the distribution volumes will be mounted for the VAX SCAN installation media, where *dd* is the device code, *c* is the controller code, and *n* is the unit number. It is not necessary to use the console drive to install VAX SCAN. If you do use the console drive, you should replace any media you removed from the drive. CSA1: is the device name used in examples in this document.

OPTIONS N
Is an optional parameter you should provide if 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 permits the use of several other options.

For more information on the other options, see your processor-specific installation/operations guide.

If you do not supply the first two parameters, VMSINSTAL prompts you for the product and device names. If you wish to be prompted for the product and device names and to display or print the release notes, type the following:

```
$ @SYS$UPDATE:VMSINSTAL RETURN
```

When you invoke VMSINSTAL, it checks the following:

- Whether you logged in to a privileged account. Digital recommends that you install software from the system manager's account with your default device and directory set to SYS$UPDATE.
- Whether you have adequate quotas for installation. VMSINSTAL checks for the following quota values:
  - ASTLM = 24
  - BIOLM = 18
  - BYTLM = 18000
  - DIOLM = 18
  - ENQLM = 30
  - FILLM = 20

  VMSINSTAL then checks the following conditions:
  - Whether DECnet is up and running
  - Whether any users are logged in to the system

  If VMSINSTAL detects either of these conditions, you will be asked whether you want to continue the installation. You must discontinue these conditions before resuming the installation procedure. If you want to continue, type YES. If you want to stop the installation, press RETURN.

  Register the information contained in the Product Authorization Key (PAK) that is shipped with VAX SCAN by using either the VMS License command procedure (VMSLICENSE) or the LICENSE REGISTER and LICENSE LOAD commands, as described in *VMS License Management Utility Manual*.

2 Installing VAX SCAN

This section contains excerpts from the installation procedure and explains each step. Defaults appear in brackets throughout the installation procedure.

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 then returns you to DCL level. If you want to retry the installation procedure after pressing CTRL/Y, you must proceed from step 2.

Step 1: Log in to a privileged account and set your default device and directory to SYS$UPDATE.

```
RETURN
Username:  SYSTEM   RETURN
Password:           RETURN
$  SET DEFAULT SYS$UPDATE  RETURN
```

Step 2: Invoke VMSINSTAL.

```
$  @VMSINSTAL SCAN012 CSA1: OPTIONS N RETURN

      VAX/VMS Software Product Installation Procedure VX.X


It is dd-mmm-yyyy at hh:mm.
Enter a question mark (?) at any time for help.

%VMSINSTAL-W-DECNET, Your DECnet network is up and running.
* Do you want to continue anyway [NO]? y

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

If you are satisfied with the backup of your system disk, press RETURN. Otherwise, type NO and press RETURN to discontinue the installation.

Step 3: Insert the first installation kit volume.

```
Please mount the first volume of the set on CSA1:.
* Are you ready?  YES RETURN
The following products will be processed:

  VAX SCAN V1.2


    Beginning installation of VAX SCAN V1.2 at hh:mm

%VMSINSTAL-I-RESTORE, Restoring product saveset A...
```

To indicate that you want to continue the installation, mount volume 1, type YES, and press RETURN.

Step 4: Insert the subsequent installation kit volumes.

```
%BACKUP-I-READYREAD, mount volume 2 on _CSA1: for reading

Enter "YES" when ready:  YES  RETURN
```

VMSINSTAL prompts you to insert the next volume and waits for you to type YES after inserting it. If you type NO, VMSINSTAL displays the prompt again. This prompt is displayed only if your installation kit contains more than one volume.

Step 5: Select a release notes option.

This step applies only if you specified OPTIONS N in step 2.

```
Release Notes Options:

    1. Display release notes
    2. Print release notes
    3. Both 1 and 2
    4. Copy release notes to SYS$HELP
    5. Do not display, print or copy release notes

* Select option [2]:  RETURN
```

If you select option 1, VMSINSTAL displays the release notes on line immediately. You can terminate the display at any time by pressing CTRL/C.

If you select option 2, VMSINSTAL prompts you for a queue name. Either type a queue name or press RETURN to send the file to the default output print device.

```
* Queue name [SYS$PRINT]:  RETURN
```

If you select option 3, VMSINSTAL displays the release notes on line immediately. You can terminate the display at any time by pressing CTRL/C. VMSINSTAL then prompts you for a queue name. Either type a queue name or press RETURN to send the file to the default output print device. The VAX SCAN release notes are then copied to SYS$HELP:SCAN$012.RELEASE_NOTES.

If you select option 4, VMSINSTAL copies the release notes to SYS$HELP immediately.

If you select option 5, VMSINSTAL does not display, print or copy the release notes; typically this option is selected when the user wants to terminate the installation.

If you selected release note option 5, which specified that the release notes not be copied to SYS$HELP, you will not be able to access the release notes without installing the product kit again.

NOTE

This version of the release notes file installed by VMSINSTAL is labeled with the current product name and version number. Take care not to delete release notes for previous versions of VAX SCAN.

Next, VMSINSTAL displays the following prompt:

```
* Do you want to continue the installation [N]?:  Y RETURN
%VMSINSTAL-I-RELMOVED, The product release notes have been successfully
    moved to SYS$HELP.
```

If you want to continue the installation, type YES and press RETURN. If you type NO or press RETURN, VMSINSTAL discontinues the installation. In either case, VMSINSTAL moves the release notes to SYS$HELP.

Step 6: Select installation options.

```
* Do you want to perform a full installation of VAX SCAN [YES]? RETURN
```

If you answer YES, VMSINSTAL installs the following components:

- The VAX SCAN compiler
- The SCAN$EXAMPLES directory
- VAX Language-Sensitive Editor support
- The DECwindows Compiler Interface

If you answer NO, VMSINSTAL prompts you to indicate which of the previous components you want installed.

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

The directories SCAN$EXAMPLES, SYS$HELP, SYS$LIBRARY, SYS$MANAGER, and SYS$SYSTEM may contain previous versions of VAX SCAN files. These files are replaced during the installation with new files, but the old files are not automatically purged. Purging is recommended. In response to the purging prompt, press RETURN to purge the files or type NO to keep them.

Step 7: Respond to License Registration Queries.

VAX SCAN supports the VMS License Management Facility (LMF). The installation procedure displays license information about your product and then asks if you have registered and loaded your authorization key for VAX SCAN. For example:

```
Product:       product-license-name
Producer:      DEC
Version:       n.n
Release Date:  dd-mmm-yyyy

* Does this product have an authorization key registered and loaded?
```

If you have not registered and loaded your authorization key, you must answer ''NO'' to this question. You have to register and load your product authorization key to be able to run the IVP and use the software after the installation. If you have not done so, and wish to run the IVP and use the software, you should register and load your product authorization key after the installation.

During the installation procedure, the VAX SCAN LMF key is invoked.

Step 8: Read informational messages.

The VAX SCAN installation procedure produces a number of informational messages that report on the progress of the installation.

The success of the installation is indicated by the following message:

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

If the installation procedure is successful, the new or modified files are moved to their target directories.

The SYS$HELP:HELPLIB.HLB and SYS$LIBRARY:DCLTABLES.EXE files are updated to include the new versions of the VAX SCAN HELP text and the SCAN command line definition.

The following files will be added during a full installation of VAX SCAN:

- SYS$SYSROOT:[SYSEXE]SCANEXE.EXE
- SYS$SYSROOT:[SYSHLP]SCAN$012.RELEASE_NOTES
- SYS$SYSROOT:[SYSHLP]SCAN$DWCI.HLB
- SYS$SYSROOT:[SYSHLP.EXAMPLES]SCAN.DIR and its contents
- SYS$SYSROOT:[SYSMSG]SCAN$MSG.EXE
- SYS$SYSROOT:[SYSTEST.SCAN]SCAN$IVP.COM
- SYS$SYSROOT:[SYSTEST.SCAN]SCAN$IVP.SCN

- DECW$SYSCOMMON:[VUE$LIBRARY.USER]SCAN$DWCI.EXE
- DECW$SYSCOMMON:[VUE$LIBRARY.USER]SCAN$DWCI.UID

In addition, the installation will update or replace the following files:

- SYS$SYSROOT:[SYSLIB]LSE$SYSTEM_ENVIRONMENT.ENV
- SYS$SYSROOT:[SYSLIB]IMAGELIB.OLB
- SYS$SYSROOT:[SYSLIB]SCNRTL.EXE

If you typed YES in response to the prompt that requests a file purge at step 6, previous versions of the VAX SCAN files are now purged, with the exception of SYS$SYSROOT:[SYSLIB]SCNRTL.EXE and SYS$SYSROOT:[SYSLIB]IMAGELIB.OLB.

Step 9: Observe the Installation Verification Procedure.

If you answered YES to the question in step 7, indicating that an authorization key had been registered and loaded, VMSINSTAL now calls the IVP to verify that VAX SCAN was installed successfully.

Step 10: End the installation procedure.

```
Installation of VAX SCAN V1.2 completed at hh:mm

Enter the products to be processed from the next distribution
volume set

* products:
```

Type CTRL/Z to leave VMSINSTAL.

When the product installation procedure is complete, you can choose to install more products or to log out. If you removed any media from the console drive before beginning the installation, you should replace it now.

VMSINSTAL deletes or changes entries in the process symbol tables during the installation. Therefore, if you are going to continue using the system manager's account and you want to restore these symbols, you should log out and log in again.

2.1 Installing VAX SCAN on a VAXcluster

If you want to run VAX SCAN on multiple nodes of a VAXcluster, first check to see that you have the appropriate software license. Then, follow these steps after installing VAX SCAN:

1. Type the following commands to set up the VAXcluster environment:

   ```
   $  RUN SYS$SYSTEM:SYSMAN RETURN
   SYSMAN>   SET ENVIRONMENT/NODES=(node1,node2,...,noden RETURN)
   ```

   Here node1,node2,...noden are the names of the nodes on which you wish to activate the VAX SCAN license.

2. Type the following command to load the license on the nodes specified in step 1:

   ```
   SYSMAN>   DO LICENSE LOAD SCAN RETURN
   ```

3. Type the following command to replace the DCL tables on the nodes specified in step 1:

   ```
   SYSMAN>   DO INSTALL REPLACE SYS$LIBRARY:DCLTABLES.EXE RETURN
   ```

   You may then exit from the SYSMAN utility by typing:

   ```
   SYSMAN>   EXIT RETURN
   $
   ```

3 After the Installation

VAX SCAN is now installed and can be invoked by all users with the SCAN command.

The installation procedure modifies the DCL command table so that the SCAN command is recognized and processed. However, the previous command table is still in effect for those users who are currently logged in. All logged-in users who want to use the SCAN command must log out of the system and log in again.

4 Running the Installation Verification Procedure Separately

The Installation Verification Procedure (IVP) is usually run at installation. If you want to run the IVP separately to ensure the integrity of installed files if system problems occur, execute the following command procedure:

```
$  @SYS$SYSROOT:[SYSTEST.SCAN]SCAN$IVP.COM RETURN
```

If the IVP fails for any reason, the following messages are displayed:

```
The VAX SCAN V1.2 Installation Verification Procedure failed.

%VMSINSTAL-E-IVPFAIL, The IVP for VAX SCAN V1.2 has failed.
```

5 Error Conditions

If the installation procedure fails for any reason, a message like the one following is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of VAX SCAN V1.2 has failed.
```

An error during the installation can occur if one or more of the following conditions exist:

- Operating system version is incorrect.
- Prerequisite software version is incorrect.
- The VMS HELP library is currently in use.
- The product was registered incorrectly or not registered.

For descriptions of the error messages generated by these conditions, see the *VMS System Messages and Recovery Procedures Reference Volume*, your processor-specific installation/operations guide, or the *VMS License Management Utility Manual*.

If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. You may need to change a system parameter or increase an authorized quota value.

If the installation fails, you must restart the installation procedure from step 2. If the installation fails due to an IVP failure, contact a Digital field service representative.

6 Installing VAX SCAN as a Shared Image

If VAX SCAN will be used extensively on your system, you can reduce the system overhead and memory requirements by installing it as a shared image. To perform the installation on a system that is currently running, use the VMS Install Utility while you are logged in to a privileged account. If errors occur, see *VMS System Messages and Recovery Procedures Reference Volume*.

First, make sure you have 826 global pages and 4 global sections available on your system. See the Installation Procedure Requirements section for information on how to do this.

Next, invoke the VMS Install Utility and install VAX SCAN as a shared image by typing the following commands:

```
$  INSTALL RETURN

INSTALL>  ADD SYS$SYSTEM:SCANEXE.EXE/OPEN/SHARED  RETURN
INSTALL>  ADD SYS$MESSAGE:SCAN$MSG.EXE/OPEN/SHARED  RETURN
INSTALL>  ADD VUE$LIBRARY:SCAN$DWCI.EXE/OPEN/SHARED  RETURN
INSTALL>  EXIT  RETURN
```

Then, update the system startup file to install VAX SCAN.

Note that the DECwindows Compiler Interface will be installed only if you have chosen to install it and are using VMS Version 5.1 or higher on your system.

To ensure that VAX SCAN is installed as a shared image each time the system is bootstrapped, include the following lines in SYS$MANAGER:SYSTARTUP_V5.COM (the site-specific startup file):

```
$ INSTALL :== $INSTALL/COMMAND_MODE

$ INSTALL
ADD SYS$SYSTEM:SCANEXE.EXE/OPEN/SHARED
ADD SYS$SYSTEM:SCAN$MSG.EXE/OPEN/SHARED
ADD VUE$LIBRARY:SCAN$DWCI.EXE/OPEN/SHARED
EXIT
```

7 Maintenance Updates

Digital may periodically issue maintenance updates of VAX SCAN. Each update consists of an installation kit. You should install this kit as described in this document or in any documentation that may accompany the maintenance update.

Each time a maintenance update is released, the version number changes. For example, if the current version is 1.0, the version number of the first maintenance update will be 1.1. In addition, each maintenance update includes new release notes. The release notes describe the changes that have been made to VAX SCAN since the previous release.

The update release notes are provided on line. Digital strongly recommends that you read the release notes when you first install VAX SCAN; they are also accessible at any time after the product is installed. For information on reading the release notes at the time that you install VAX SCAN, follow the

installation procedure through step 5. To locate the release notes after VAX SCAN is installed, type the following command:

```
$ HELP SCAN RELEASE_NOTES RETURN
```

To read the release notes, display or print the file SYS$HELP:SCAN$012.RELEASE_NOTES.

8 Determining and Reporting Problems

If an error occurs while you are using VAX SCAN and you believe that the error is caused by a problem with VAX SCAN, take one of the following actions:

- If you purchased VAX SCAN within the past 90 days and you think the problem is caused by a software error, you can submit a Software Performance Report (SPR).
- If you have a Basic or DECsupport Software Agreement, you should call your Customer Support Center. With these services, you receive telephone support that provides high-level advisory and remedial assistance. For more information, contact your local Digital representative.
- If you have a Self-Maintenance Software Agreement, you can submit a Software Performance Report (SPR).

If you find an error in the VAX SCAN documentation, you should fill out and submit a Reader's Comments form from the back of the document in which the error was found. Include the section and page number where the error was found.

9 Sample Installation

This section contains a sample installation of VAX SCAN. Note that this is only a sample. Sometimes the installation procedure is modified in maintenance updates of this product. Because this installation guide is not usually revised for maintenance updates, be sure to read the *Read Before Installing* letter before you install this product. This letter notes any significant changes in the installation that vary from this sample.

```
$  @SYS$UPDATE:VMSINSTAL SCAN012 CSA1:

     VAX/VMS Software Product Installation Procedure V5.2-42W

   It is 17-NOV-1989 at 11:26.

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

   * Are you satisfied with the backup of your system disk [YES]?
   * Where will the distribution volumes be mounted: CSA1:[KIT]

   * Enter installation options you wish to use (none):

   The following products will be processed:

     SCAN V1.2

           Beginning installation of SCAN V1.2 at 11:27

   %VMSINSTAL-I-RESTORE, Restoring product save set A ...
   %VMSINSTAL-I-RELMOVED , The product's release notes have been successfully moved
    to SYS$HELP.

   You are now installing VAX SCAN V1.2.

   Enter a question mark (?) to get a detailed description of any option.

   * Do you want to perform a full installation of SCAN [YES]? n
   * Do you want to install the SCAN software [YES]?
   * Do you want to install the SCAN$EXAMPLES directory [YES]?
   * Do you want to install Language Sensitive Editor support [YES]?
   * Do you want to install the DECwindows Compiler Interface [YES]?

       You have selected the following components:
         SCAN software
         Language Sensitive Editor Support
         DECwindows Compiler Interface
         SCAN$EXAMPLES directory

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

     This installation procedure creates a new version of, or updates,
     the following files which will not be purged.

           [SYSLIB]SCNRTL.EXE
           [SYSLIB]IMAGELIB.OLB


           Product:      SCAN
           Producer:     DEC
           Version:      1.2
           Release Date: 05-FEB-1990

   * Does this product have an authorization key registered and loaded? y
   %SCAN-I-DONEASK,  No further questions will be asked during this installation.
```

```
%VMSINSTAL-I-RESTORE, Restoring product save set B ...
%VMSINSTAL-I-RESTORE, Restoring product save set C ...
%VMSINSTAL-I-RESTORE, Restoring product save set D ...
%VMSINSTAL-I-SYSDIR, This product creates system disk directory  VMI$ROOT:[SYSTE
ST.SCAN].
%CREATE-I-EXISTS, VMI$ROOT:[SYSTEST.SCAN] already exists
%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target directories...

Executing VAX SCAN installation verification procedure


%VMSINSTAL-I-IVPSUCCESS, VAX SCAN V1.2 Installation test PASSED
The SCAN IVP has succeeded

        Installation of SCAN V1.2 completed at 11:39


        VMSINSTAL procedure done at 11:40
```