

CRISP Automation Systems Documentation
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Subject: CRISP Log Server 3.1 Installation and Configuration
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Installation and Configuration

General

This manual provides a step-by-step installation procedure for the CRISP Log Server, Version 3.1 and later. This procedure can be used for a new installation or for updating an existing CRISP Log Server system.

This manual also provides the necessary information to configure and use the CRISP Log Server.

This manual is broken down into the following sections.

Section	Description
On-Line Release Notes	Defines the location of the release notes and how to access the notes.
Requirements	Defines the system requirements before installation of the CRISP Log Server.
Using VMSINSTAL	Defines the VMSINSTAL command
Installing the CRISP Log Server	Defines the procedures to install the CRISP Log Server product.
Configuring the CRISP Log Server	Defines the procedures to configure the CRISP Log Server product.

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NOTE

Before performing this procedure, verify that the system hardware and software has been properly installed per the appropriate OpenVMS documentation.

Refer to the Software Product Description (SPD) document for details on required OpenVMS software.

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On-Line Release Notes

General

On-line release notes are provided with each distribution of the CRISP Log Server. When `VMSINSTAL` is invoked with the `OPTIONS N` parameter, a prompt to print or display the release notes appears during the installation.

After the CRISP Log Server has been installed, the release notes may be printed or typed by accessing the file `SYS$HELP:LOGSRV031.RELEASE_NOTES`.

The release notes for each release of the CRISP Log Server are distributed for those users who are upgrading by several versions at once.

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Requirements

General

Depending on the media and the system configuration, the installation of CRISP Log Server takes a few minutes. The following privileges and resources must be available before CRISP Log Server can be installed.

- SETPRV privileges, or CMKRNL, WORLD, and SYSPRV privileges
- Free disk space as follows:
 - 800 blocks on the system disk for Alpha.
 - 350 blocks on the system disk for VAX.
- An additional amount of disk space equal to the total of the previous numbers is required on the system disk during installation. This space will be released when the installation completes or otherwise terminates.
- A minimum of 32 MB (VAX) or 64 MB (Alpha) of physical memory.

The CRISP Log Server product cannot be installed a system with CRISP/32. CRISP/32 systems include a version of the CRISP Log Server.

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Using VMSINSTALL

Description

VMSINSTALL is the command procedure invoked to install the CRISP Log Server. Before invoking this command procedure, log into the system management account, username SYSTEM. Execution of the VMSINSTALL command procedure is shown in steps 1 and 2 of the Installing CRISP Log Server sections of this manual.

Format

The VMSINSTALL command procedure has the following syntax.

```
$ @SYS$UPDATE:VMSINSTALL LOGSRV031 ddcu: [OPTIONS N]
```

ddcu: Represents a device name where the distribution volumes are mounted for the CRISP Log Server installation media, where *dd* is the device code, *c* is the controller code, and *u* is the unit number. The device name used in examples in this manual is MUA0 :

OPTIONS N Is an optional parameter used if you want to be prompted to display or print the CRISP Log Server release notes. If omitted, you are not prompted to display the release notes.

How It Works

If you do not supply the first two parameters, VMSINSTALL prompts you for the product and device names. The syntax in this case would be as follows.

```
$ @SYS$UPDATE:VMSINSTALL
```

When VMSINSTALL is invoked, the following are checked.

- Whether you are logged in to a privileged account. It is recommended that you install

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- software from the system manager's account.
- 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

At this point in the installation, VMSINSTAL checks whether any user processes are running. If VMSINSTAL detects these processes, you are prompted as to whether you want to continue the installation. Enter YES to continue or <return> to stop the installation.

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Installing CRISP Log Server

General

This section contains explains the installation procedure. Defaults, where available, appear in brackets throughout the installation procedure.

The installation procedure may be aborted at any time by entering CTRL/Y. If CTRL/Y is pressed, the installation procedure deletes all files it has created up to that point and returns you to the VMSINSTAL prompt.

Security Note

Username "CRISP" is created by this installation procedure, if it does not already exist. Access to the VMS command prompt for username "CRISP" and usernames with the CRISP UIC should be restricted to system administration personnel. Restricting access is the responsibility of the customer.

Files Installed

The following files are installed in system locations:

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Filename	Directory	Purpose
LOGSRV.EXE	SYS\$SYSTEM	The CRISP Log Server executable.
LOGSRV_RUN.COM	SYS\$STARTUP	A command procedure that runs the CRISP Log Server.
LOGSRV_STARTUP.COM	SYS\$STARTUP	A command procedure to launch LOGSRV_RUN.
LOGSRV_DOC.TXT	SYS\$HELP	Specific documentation on all aspects of the CRISP Log Server.

Installation Procedure

Perform the following steps to install CRISP Log Server.

Step 1. Log in to a privileged account.

```
<Ret>  
Username: SYSTEM<Ret>  
Password: <Ret>  
$ SET DEFAULT SYS$UPDATE <Ret>
```

Step 2. Invoke VMSINSTAL

```
$ @VMSINSTAL LOGSRV031 MUA0: OPTIONS N <Ret>
```

OpenVMS VAX Software Product Installation Procedure V7.3

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It is 16-AUG-2002 at 19:30

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

Are you satisfied with the backup of you system disk [YES]? <Ret>

Press the Return key if you are satisfied with the backup of your system disk; otherwise, enter NO to discontinue the installation procedure.

Step 3. Mount the first installation kit volume

Please mount the first volume of the set on MUA0:.
Are you ready? **YES** <Ret>

The following products will be processed:

LOGSRV V3.1

Beginning installation of LOGSRV V3.1 at 19:35

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

To continue the installation, mount volume 1 and enter YES.

Step 4. Select a release notes option

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

Release Notes Options:

1. Display release notes
2. Print release notes
3. Both 1 and 2
4. None of the above

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Select option [2]: <Ret>

If option 1 is selected, VMSINSTAL displays the release notes. Terminate the display by pressing CTRL/C. At this time, VMSINSTAL copies the release notes to SYSS\$HELP.

If option 2 is selected, VMSINSTAL prompts you for a queue name (use this option only if a print queue has been setup on your system). Either enter a queue name or press the Return key to send the file to the default output print device. After printing the release notes, VMSINSTAL copies the release notes to SYSS\$HELP.

Queue name [SYS\$PRINT]: <Ret>

If option 3 is selected, VMSINSTAL displays the release notes. Terminate the display by pressing CTRL/C. VMSINSTAL then prompts you for a queue name. Either enter a queue name or press the Return key to send the file to the default output print device. After printing the release notes, VMSINSTAL copies the release notes to SYSS\$HELP.

If option 4 is selected, VMSINSTAL does not display, print, or copy the release notes. It prompts you to decide whether to continue the installation.

Do you want to continue the installation [N]: Y <Ret>

Enter YES to continue the installation. If you enter NO, VMSINSTAL discontinues the installation.

NOTE

The version of the CRISP Log Server release notes file installed by VMSINSTAL is labeled with the current product name and version number (e.g., LOGSRV031.RELEASE_NOTES). Do not delete release notes for previous versions of CRISP Log Server.

Step 5. Installation questions

This section shows the questions that are asked during installation.

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

New versions of the CRISP Log Server files are provided during installation, but the old files will not be purged unless you answer YES to this question.

Enter device name for the CRISP account [DISK\$USER:]:

If you are upgrading from a previous version of CRISP Log Server, this should be the same as the disk that was specified previously. If this is a new installation, a [CRISP] directory and several subdirectories will be created on this disk.

Enter CRISP account UIC [[50,1]]:

This question is only asked if username CRISP does not exist on the system. Account CRISP will be created with the UIC specified. Normally, the default answer is acceptable. If a different UIC is specified, it must have the proper format (two octal number separated by a comma and enclosed in brackets, i.e., [123,456]).

Do you want to shut down the CRISP Log Server [Yes]?

This question is asked only if the CRISP Log Server, process name CRISP\$LOGSRV, is running. On an upgrade installation, this program must be stopped. If the answer to this question is No, installation is terminated.

Step 6. End the installation procedure

When the installation procedure completes, the following message is displayed.

```
VMSINSTAL procedure is done at hh:mm  
$
```

The distribution media (tape) may now be removed from the drive.

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Configuring CRISP Log Server

General

Once the CRISP Log Server software is installed, it must be configured for proper operation.

Configuration

The CRISP Log Server is configured as follows.

1. Log in to the CRISP account.

Log into the CRISP account.

```
<Ret>  
Username: CRISP<Ret>
```

1. Set the CRISP password.

If the CRISP account did not already have a password assigned, assign a password now. The following example shows the procedure, but the "abcdefg" password is **not** recommended.

```
$ SET PASSWORD <Ret>  
New password: abcdefg <Ret>  
Verification: abcdefg <Ret>
```

1. Add CRISP Log Server to the system configuration.

Add the following to SYSTARTUP_VMS.COM (SYSTARTUP_V5.COM on OpenVMS 5.5 systems). This file is found in directory SYS\$MANAGER. At system boot time, this change will cause the CRISP Log Server process to start. The CRISP Log Server runs as process name CRISP\$LOGSRV, username CRISP.

```
$ @SYS$STARTUP:LOGSRV_STARTUP
```

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1. CRISP Log Server Configuration.

Edit file `SYS$STARTUP:LOGSRV_RUN.COM`. This file holds many important configuration parameters. Consult `SYS$HELP:LOGSRV_DOC.TXT` for more details. The most important parameters are:

LOGSRV_LOGFILE_NAME	The name of the file that the CRISP Log Server uses.
LOGSRV_IP_MULTICAST	The multicast address that the CRISP Log Server listens to. Not required, but useful when multiple systems are to receive the messages.
LOGSRV_IP_PORT	The UDP/IP port number that the CRISP Log Server listens to. All CRISP Log Servers must use the same port number.

1. CRISP/32 Systems.

Configure each CRISP/32 system, using `@CRISP$:CRISP_CONFIG`, to use the same UDP/IP port as the stand-alone CRISP Log Server system. If a multicast address is used, it must be the same for all systems.

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