

CRISP Automation Systems Documentation

Manual Number: MAN-IDI-INST-042

Subject: IDI 4.2 Installation and Configuration

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Installation and Configuration

General

This manual provides a step-by-step installation procedure for IDI, Version 4.2 and later. This procedure can be used for a new installation or for updating an existing IDI installation.

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 IDI.
Using VMSINSTAL	Defines the VMSINSTAL command
Installing IDI	Defines the procedures to install the IDI product.

NOTE

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

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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 IDI. When VMSINSTAL is invoked with the `OPTIONS N` parameter, a prompt to print or display the release notes appears during the installation.

After IDI has been installed, the release notes may be printed or typed by accessing the file `SYS$HELP:IDI042.RELEASE_NOTES`.

The release notes for each release of IDI 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 IDI takes a few minutes. The following privileges and resources must be available before IDI can be installed.

- OpenVMS V5.5 or later for VAX, V7.1 or later for Alpha.
- CRISP/32 V2.8 or later for VAX, V3.1 or later for Alpha.
- SETPRV privileges, or CMKRNL, WORLD, and SYSPRV privileges
- Free disk space as follows:
 - 700 blocks on the system disk on VAX.
 - 7000 blocks on the system disk on Alpha.
 - 9800 blocks on the CRISP disk on VAX.
 - 20000 blocks on the CRISP disk on Alpha.
 - 7500 blocks on the CRISP disk, if CWS display files are chosen.
 - 1300 blocks on the CRISP disk, if WWS display files are chosen.
- 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.

License

IDI requires that license product authorization key (PAK) "CRISP-IDI" is be installed and loaded. Installation is possible without the PAK, but the product will not function.

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Using VMSINSTALL

Description

VMSINSTALL is the command procedure invoked to install IDI. 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 IDI sections of this manual.

Format

The VMSINSTALL command procedure has the following syntax.

```
$ @SYS$UPDATE:VMSINSTALL IDI042 ddcu: [OPTIONS N]
```

ddcu: Represents a device name where the distribution volumes are mounted for the IDI 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 IDI 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 software from the system manager's account.

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- 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.

If CRISP/32 is running, installation is not possible. The installation kit detects this situation and aborts before any changes are made to the system.

NOTE

Unpredictable results may occur if other users are logged in during the installation.

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Installing IDI

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.

Installation Procedure

Perform the following steps to install IDI.

Step 1. Log in to a privileged account.

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

Step 2. Invoke VMSINSTAL

```
$ @VMSINSTAL IDI042 MUA0: OPTIONS N <Ret>
```

OpenVMS VAX Software Product Installation Procedure V7.3

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>

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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:

IDI V4.2

Beginning installation of IDI V4.2 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

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

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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 IDI release notes file installed by VMSINSTAL is labeled with the current product name and version number (e.g., IDI042.RELEASE_NOTES). Do not delete release notes for previous versions of IDI.

Step 5. Installation questions

This section shows the questions that are asked during installation.

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

The system directory SYSS\$LIBRARY and the CRISP directories may contain previous versions of IDI files. New versions of these files are provided during installation, but the old files will not be purged unless you answer YES to this question.

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Do you want to install Color Workstation files?

If this question is answered "Y", files suitable for use with CWS or PCWS are installed.

Do you want to install Windowed Workstation display files?

If this question is answered "Y", files suitable for use with WWS are installed.

Step 6. End the installation procedure

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

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

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

Step 7. Log in to the CRISP account

Log out of the SYSTEM account and log into the CRISP account.

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

Step 8. Configure CRISP

Enter the following command to configure the CRISP/32 system. The user is prompted regarding the configuration of the target platform and CRISP/32 system hardware.

```
$ @CRISP_CONFIG<Ret>
```

NOTE

This step must always be performed when updating to a new version

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of IDI even if the hardware configuration has not changed.

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