

Dear Customers

C120-E389-04EN
FUJITSU Ltd
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Notes and Installation of Enhanced Support Facility 3.0

Thank you very much for purchasing the Enhanced Support Facility software.

The Enhanced Support Facility is software that improves operationability and manageability and maintenancability of Solaris OS. A combination of Solaris OS and the Enhanced Support Facility enables steady running of a system and quick recovery from system problems and strong system expansion which you can operate/maintain safely.

Please be sure to install Enhanced Support Facility 3.0 and Manuals & Patches 3.0 A30 after installing Solaris OS.

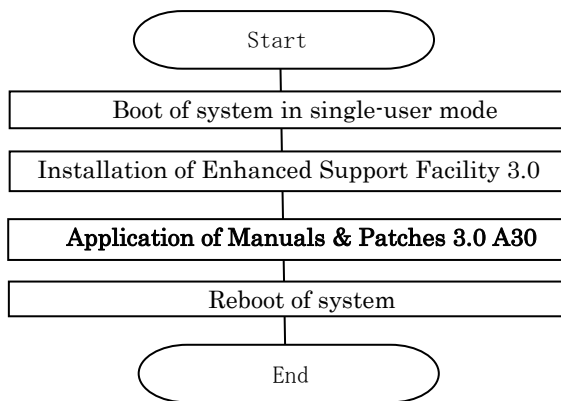
1. Installation of Enhanced Support Facility 3.0 and Manuals & Patches 3.0 A30

1.1 Installation Procedure

Please follow the steps below to apply patches and install Enhanced Support Facility 3.0.

For more information, please refer to Enhanced Support Facility 3.0 Installation Guide.

You should read the Installation Guide before installing the software because it has useful information such as some cautions for your installation.



1.2 Instructions for opening the Installation Guide file on a PC

- 1) Set the CD-ROM medium in the CD-ROM drive.
- 2) Use the latest version of Adobe® Reader™ to open the following file.

Drive letter of CD-ROM: ¥MANUAL.PDF¥ENGLISH¥INSTALL_GUIDE_OME.PDF

2. Online Manuals

Manuals & Patches 3.0 A30 CD-ROM contains the following manuals besides the Installation Guide. Please also refer to them.

The following manuals are stored in the same location as the Installation Guide.

Manual name	File name
Enhanced Support Facility Installation Guide	INSTALL_GUIDE_OME.PDF
Enhanced Support Facility Update Information	UPDATE_OME.PDF
Enhanced Support Facility Security System Building Guide	SECURITY_GUIDE_OME.PDF
Enhanced Support Facility User's Guide	ESFUG_OME.PDF
Enhanced Support Facility User's Guide for Machine Administration	MADM_OME.PDF
Enhanced Support Facility User's Guide for REMCS	REMCS_OME.PDF
Enhanced Support Facility User's Guide for FJVTs (PRIMEPOWER)	FJVTs_OME.PDF
Enhanced Support Facility User's Guide for Dynamic Reconfiguration	DR_OME.PDF
Enhanced Support Facility User's Guide Dynamic Reconfiguration I/O device	DRIO_OME.PDF
Enhanced Support Facility User's Guide for Web-Based Admin View (PRIMEPOWER)	WEBVIEW_OME.PDF
System Parameter Diagnosis User's Guide	PARAM_OME.PDF
Tape driver configuration tool 1.2 User's Guide	DCNF_OME.PDF
Enhanced Support Facility User's Guide for Redundant Console Path Features (PRIMEPOWER)	CONSPATH_OME.PDF
Enhanced Support Facility for System Control Facility (SCF) Driver (PRIMEPOWER)	SCFDRV_OME.PDF
Enhanced Support Facility User's Guide for System Data Output Tool Features	FJSNAP_OME.PDF
Enhanced Support Facility User's Guide for eXtended System Control Facility (PRIMEPOWER)	XSCF_OME.PDF
Enhanced Support Facility User's Guide for PCI Hot Plug (PRIMEPOWER)	PHPUG_OME.PDF
Enhanced Support Facility User's Guide for PCI Hot Plug I/O device (PRIMEPOWER)	PHPUGIO_OME.PDF
Enhanced Support Facility User's Guide for Machine Administration Automatic power control function (Supplement edition)	APCS_OME.PDF

3. List of Patches classified by Models

You need to apply the following patches included in Manuals & Patches 3.0 A30 because there is a problem with running the system.

Patch IDs of patches added or upgraded in Manuals & Patches 3.0 A20 through Manuals & Patches 3.0 A30 are underlined in the following patch list.

Regarding the detailed information about applied patches please refer to “Chapter 2 Patch Information Table 2.3” in “Enhanced Support Facility Update Information”.

Model	Solaris OS	Package name	Patch ID		
SPARC Enterprise T1000/T2000/T5120/T5220	Solaris 10 OS	FJSVmadm	914601-02		
		FJSVamle	<u>914604-01</u>		
		FJSVmadm			
		FJSVamle	<u>914533-05</u>		
		FJSVlrm	<u>914603-02</u>		
		FJSVsirms	914585-01		
		FJSVhrmse	<u>914595-02</u>		
		FJSVdef	914429-01		
		FJSVparam	914192-01		
		FJSVgid.v	914568-02		
		FJSVulsa.v	914572-02		
		FJSVdmp	914562-01		
SPARC Enterprise M4000/M5000/M8000/M9000	Solaris 10 OS	FJSVdropl	<u>914587-02</u>		
		FJSVscfsc	914590-01		
		FJSVamadm	914527-04		
		FJSVamrm	914588-01		
		FJSVsirms	914585-01		
		FJSVapcs	914600-01		
		FJSVhrmse	<u>914595-02</u>		
		FJSVdef	914429-01		
		FJSVparam	914192-01		
		FJSVgid.u	914568-02		
		FJSVulsa.u	914572-02		
				FJSVdmp	914562-01
		PRIMEPOWER250/450	Solaris 8 OS	SUNWvts	912707-01
SUNWvtsx	110041-01				
SUNWvts	110046-02				
	110047-01				
FJSVwvcnf	<u>914538-02</u>				
FJSVmadm	914601-02				
	<u>914604-01</u>				
FJSVpmnd	914529-03				
FJSVsirms	914585-01				
FJSVapcs	914600-01				
FJSVparam	914192-01				
FJSVdmp	914562-01				
Solaris 9 OS	SUNWvts		114479-11		
	SUNWvtsx				
	FJSVwvcnf		<u>914538-02</u>		
	FJSVmadm		914601-02		
			<u>914604-01</u>		
	FJSVpmnd		914529-03		
	FJSVsirms		914585-01		
	FJSVapcs		914600-01		
Solaris 10 OS	FJSVparam		914192-01		
	FJSVdmp	914562-01			
		SUNWcar.us	124599-01		
		SUNWvts	914449-01		
		SUNWvtsx			

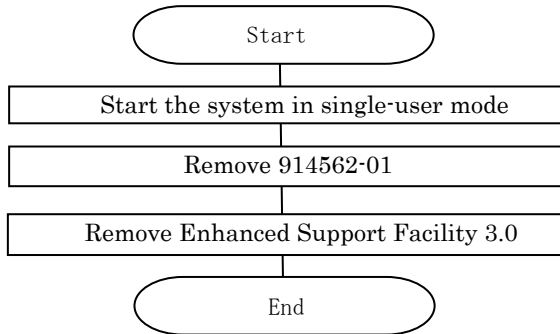
Model	Solaris OS	Package name	Patch ID	
PRIMEPOWER650/850		FJSVwvcnf	<u>914538-02</u>	
		FJSVmadm	914601-02 <u>914604-01</u>	
		FJSVpmnd	914529-03	
		FJSVsirms	914585-01	
		FJSVapcs	914600-01	
		FJSVdef	914429-01	
		FJSVparam	914192-01	
		FJSVdmp	914562-01	
	Solaris 8 OS	SUNWvts	912707-01	
		SUNWvtsx	110041-01	
		SUNWvts	110046-02 110047-01	
		FJSVscu3	914575-01	
		FJSVwvcnf	<u>914538-02</u>	
		FJSVmadm	914601-02 <u>914604-01</u>	
		FJSVemnd	914490-01	
		FJSVsirms	914585-01	
		FJSVapcs	914600-01	
		FJSVparam	914192-01	
		FJSVdmp	914562-01	
		Solaris 9 OS	SUNWvts	114479-11
			SUNWvtsx	
FJSVscu3	914575-01			
FJSVwvcnf	<u>914538-02</u>			
FJSVmadm	914601-02 <u>914604-01</u>			
FJSVemnd	914490-01			
FJSVsirms	914585-01			
FJSVapcs	914600-01			
FJSVparam	914192-01			
FJSVdmp	914562-01			
Solaris 10 OS	SUNWear.us	124599-01		
	SUNWvts	914449-01		
	SUNWvtsx			
	FJSVscu3	914575-01		
	FJSVwvcnf	<u>914538-02</u>		
	FJSVmadm	914601-02 <u>914604-01</u>		
	FJSVemnd	914490-01		
	FJSVsirms	914585-01		
	FJSVapcs	914600-01		
	FJSVdef	914429-01		
	FJSVparam	914192-01		
	FJSVdmp	914562-01		
PRIMEPOWER900/1500/2500	Solaris 8 OS	FJSVdrcmd	913372-03	
		FJSVscu3	914575-01	
		SUNWvts	912707-01	
		SUNWvtsx	110041-01	
		SUNWvts	110046-02 110047-01	
		FJSVwvcnf	<u>914538-02</u>	
		FJSVmadm	914601-02 <u>914604-01</u>	
		FJSVsirms	914585-01	
		FJSVapcs	914600-01	
		FJSVparam	914192-01	

Model	Solaris OS	Package name	Patch ID	
	Solaris 9 OS	FJSVdmp	914562-01	
		FJSVdr	<u>913732-06</u>	
		FJSVscu3	914575-01	
		SUNWvts SUNWvtsx	114479-11	
		FJSVwvcnf	<u>914538-02</u>	
		FJSVmadm	914601-02 <u>914604-01</u>	
		FJSVsirms	914585-01	
		FJSVapcs	914600-01	
		FJSVparam	914192-01	
		FJSVdmp	914562-01	
		FJSVsec	<u>914609-01</u>	
		Solaris 10 OS	SUNWcar.us	124599-01
			FJSVdr	<u>913732-06</u>
	FJSVscu3		914575-01	
	SUNWvts SUNWvtsx		914449-01	
	FJSVwvcnf		<u>914538-02</u>	
	FJSVmadm		914601-02 <u>914604-01</u>	
	FJSVsirms		914585-01	
	FJSVapcs		914600-01	
	FJSVdef		914429-01	
	FJSVparam		914192-01	
	FJSVdmp		914562-01	
	FJSVsec		<u>914610-01</u>	

4. Notes

4.1 Note when deleting Enhanced Support Facility 3.0

Removing Enhanced Support Facility 3.0 may fail on the system with Patch (914562-01) installed. If you want to remove Enhanced Support Facility 3.0, please follow the steps below. Regarding how to remove, please refer to "5.4 Removing Enhanced Support Facility" in "INSTALLATION GUIDE Enhanced Support Facility 3.0".



If you execute the removal of Enhanced Support Facility 3.0 without removing Patch (914562-01) and fail, please follow the steps below to recover your system.

- 1) Stop services provided by the Crash Dump Assistant package.

```
# svcadm disable svc:/system/fjsvdmpsnap:default <Return>
# svcadm disable svc:/system/fjsvdmpadm:default <Return>
```

- 2) Confirm the services are not running.

[Example of execution]

```
# svcs -a | grep svc:/system/fjsvdmp <Return>
disabled      22:10:46  svc:/system/fjsvdmpsnap:default
disabled      22:10:47  svc:/system/fjsvdmpadm:default
```

- 3) Re-execute the removal command (esfrm) of Enhanced Support Facility.

```
# cd /cdrom/cdrom0/ <Return>
# bin/esfrm <Return>
```

4.2 Notes on FJVTS for PRIMEPOWER

4.2.1 Notes when installing Enhanced Support Facility 3.0

SunVTS may be installed together with Solaris 10OS 5/08 or later. Before installing the Enhanced Support Facility, please execute the command shown below to delete SunVTS related packages.

```
# pkgrm SUNWvtsts SUNWvtss SUNWvtstr SUNWvtsmn SUNWvts <Return>
```

※Please use SunVTS included in the Enhanced Support Facility.

If you have installed the Enhanced Support Facility without deleting SunVTS related packages, you are not able to boot FJVTS.

[Example of FJVTS boot failure]

```
# /opt/FJSVvts/bin/fjvts <Return>
Can't find sunvts.
#
```

4.2.2 Action at the FJVTS failure

Take the steps below to solve the problem of FJVTS boot failure.

- 1) Stop the FJVTS related processes.

Kill all the FJVTS related processes with commands such as the kill command.

[Example]

```
# ps -ef | grep -v grep | grep vts <Return>
root 3416 1 0 15:01:41 ? 0:00 ./vtsk
# kill -KILL 3416 <Return>
```

- 2) Save the environment setting file.

Copy the environment setting file according to “5.3.4 Saving the environment setting file” in “Enhanced Support Facility 3.0 Installation Guide”.

- 3) Remove packages related to the SunVTS/FJVTS.

Execute the following command.

```
# pkgrm FJSVvts SUNWvtsx SUNWvtsts SUNWvtss SUNWvtstr SUNWvtsmn SUNWvts <Return>
```

※ Continue the removal of the package with “y”, though you may see the following messages.

```
The following products depend on the package:

ID                               Name
-----
xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx  xxxxxxxx
                                   xxxxxxxx
xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx  xxxxxxxx

Do you want to continue with the removal of this package [y,n,?,q] y <Return>
```

4) Remove the FJSVbse package.
Execute the following command.

```
# pkgrm FJSVbse <Return>
```

※It is not necessary to delete other packages.

- 5) Reinstall Enhanced Support Facility.
Follow the procedure described in “5.2.3 Installing Enhanced Support Facility” in “Enhanced Support Facility 3.0 Installation Guide”.
- 6) Restore the saved environment setting file.
Follow the procedure described in “5.3.7 Restoring the environment settings file” in “Enhanced Support Facility 3.0 Installation Guide” to restore the environment setting file you copied.