

# Install-Time Update for Installing Solaris™ 9 Operating System (OS) on the Updated Release of the Sun Fire™ V20z and V40z Servers

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## Introduction

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**Note** – You must install the ITU while installing the Solaris™ 9 operating system (OS) on your server. Without the ITU, you cannot install the Solaris 9 OS on a Sun Fire™ V20z or Sun Fire V40z server.

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This document describes how to use the Install-Time Update (ITU) floppy diskette when installing the Solaris 9 OS on a Sun Fire V20z or Sun Fire V40z server.

This ITU applies to Solaris 9 OS 4/04 and Solaris 9 OS 9/04.

The ITU is required when installing the Solaris 9 OS on:

- the first updated release (chassis part number [PN] 380-1168) and second updated release (chassis PN 380-1194) of the Sun Fire V20z server
- the updated release (chassis PN 380-1206) of the Sun Fire V40z server.

The ITU is **not** required when installing the Solaris 9 OS on:

- the original release (chassis PN 380-0979) of the Sun Fire V20z server
- the original release (chassis PN 380-1010) of the Sun Fire V40z server.

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## Related Documentation

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**Note** – Refer to the Web site below for the most current versions of the user documentation, including the Release Notes.

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The user documentation (in HTML and PDF formats) for the Sun Fire V20z and Sun Fire V40z servers is available at :

[http://www.sun.com/products-n-solutions/hardware/docs/Servers/Workgroup\\_Servers/Sun\\_Fire\\_V20z/index.html](http://www.sun.com/products-n-solutions/hardware/docs/Servers/Workgroup_Servers/Sun_Fire_V20z/index.html)

- *Sun Fire V20z and Sun Fire V40z Servers—Installation Guide (817-5246)*
- *Sun Fire V20z and Sun Fire V40z Servers—User Guide (817-5248)*
- *Sun Fire V20z and Sun Fire V40z Servers—Server Management Guide (817-5249)*
- *Sun Fire V20z and Sun Fire V40z Servers—Linux Operating System Installation Guide (817-5250)*
- *Sun Fire V20z and Sun Fire V40z Servers—Troubleshooting Techniques and Diagnostics Guide (817-7184)*
- *Sun Fire V20z and Sun Fire V40z Servers Release Notes (819-1771)*

The user documentation (in HTML and PDF formats) for the Solaris OS is available at:

<http://docs.sun.com/db/prod/solaris>

- The Release and Installation Collection for the Solaris 9 OS 9/04 is at <http://docs.sun.com/db/coll/214.21>.
- The Release and Installation Collection for the Solaris 9 OS 4/04 is at <http://docs.sun.com/db/coll/214.20>.

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# Installing the ITU

## OS Installation from CD-ROM with ITU Floppy Diskette

To install the ITU while installing the Solaris 9 OS from CD-ROM:

1. **Power on your Sun Fire V20z server or Sun Fire V40z server.**

2. **Insert Installation Disc 1 of your Solaris 9 OS.**

The first screen is the Solaris Device Conguration Assistant.

3. **Insert the ITU floppy diskette.**

4. **Press <F4> to add a device driver.**

The Bus Enumeration screen appears.

The system determines the types of bus and gathers hardware-configuration information.

5. **Press ENTER to continue.**

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**Note** – This key maybe labelled as RETURN on your keyboard.

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The Install Supplemental Drivers screen appears.

6. **Press <F2> to continue.**

The Select Solaris System Version screen appears. An entry for "Solaris OS 2.9" appears in the list.

7. **Select Solaris OS 2.9 in the list by pressing the SPACE bar.**

8. **Press <F2> to continue.**

The system now processes the ITU. At this point, the system is compensating for the missing entry for the device driver.

9. **Press <F4> to finish.**

The Identified Device Drivers screen appears.

10. **Press <F2> to continue.**

The Solaris Device Conguration Assistant appears again.

**11. Press <F2> to continue.**

The Bus Enumeration screen appears again.

**12. Press ENTER to continue.**

The system searches for and identifies the installed devices.

**13. Press <F2> to continue.**

The system starts to load the device drivers.

The Suninstall Window appears and you now move into the regular Solaris OS installation process.

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**Note** – If you need to use the ITU floppy diskette for another OS installation, you can now remove the diskette. However, you will need the ITU floppy diskette for this same server again at Step 15, near the end of Installation Disc 1.

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**14. Proceed through the screens until near the end of the Installation Disc 1.**

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**Note** – This process will take approximately 20 to 25 minutes.

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**15. In the Solaris Install Console window, the system asks if you have additional Update diskettes to install.**

If you removed the ITU floppy diskette (see Note in Step 13 above), insert the diskette again.

**16. Press the ENTER key.**

At this point, the system is installing the ITU for the Solaris OS.

Installation messages scroll past in the Solaris Install Console window.

**17. Once the installation is completed, the system asks again if you have additional Update diskettes to install.**

**18. Press 'N' on the keyboard.**

**19. Press the ENTER key.**

You now continue with the next Installation Disc for installing the Solaris OS, as you would for a normal installation.

# OS Installation from Network Server with ITU Floppy Diskette

To install the ITU while installing the Solaris 9 OS from a network server, whose OS image has not been updated:

1. **Power on your Sun Fire V20z server or Sun Fire V40z server.**
2. **As the BIOS messages display on the screen, press <F12> to select Network Boot.**

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**Note** – On a tip line, the alternate key stroke for <F12> is: **<ESC>**, followed by **SHIFT+2**.

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The system asks you to select a type of installation.

3. **Select the OS image to install.**  
Depending on your network-server settings, this may involve a number of steps. Once you have selected the OS image, the first screen is the Solaris Device Conguration Assistant.
4. **Insert the ITU floppy diskette.**
5. **Press <F4> to add a device driver.**  
The Install Supplemental Drivers screen appears.
6. **Press <F2> to continue.**  
The Select Solaris System Version screen appears. An entry for “Solaris OS 2.9” appears in the list.
7. **Select Solaris OS 2.9 in the list by pressing the SPACE bar.**
8. **Press <F2> to continue.**  
The system now processes the ITU. At this point, the system is compensating for the missing entry for the device driver.
9. **Press <F4> to finish.**  
The Identified Device Drivers screen appears.
10. **Press <F2> to finish.**  
The Solaris Device Conguration Assistant appears again.
11. **Press <F2> to continue.**  
The system scans for devices. The Bus Enumeration screen appears.

**12. Press ENTER to continue.**

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**Note** – This key maybe labelled as RETURN on your keyboard.

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The system searches for and identifies the installed devices. The Identified Device Drivers screen appears.

**13. Press <F2> to continue.**

The Boot Solaris window appears; the default boot device is 'NET'.

**14. Press <F2> to continue.**

The system starts to load the device drivers.

The Suninstall Window appears and you now move into the regular Solaris OS installation process.

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**Note** – If you need to use the ITU floppy diskette for another OS installation, you can now remove the diskette. However, you will need the ITU floppy diskette for this same server again at Step 16, near the end of Installation Disc 1.

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**15. Proceed through the screens until near the end of the installation.**

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**Note** – This process will take approximately 40 to 45 minutes.

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**16. In the Solaris Install Console window, the system asks if you have additional Update diskettes to install.**

If you removed the ITU floppy diskette (see Note in Step 14 above), insert the diskette again.

**17. Press the ENTER key.**

At this point, the system is installing the ITU for the Solaris OS.

Installation messages scroll past in the Solaris Install Console window.

**18. Once the installation is completed, the system asks again if you have additional Update diskettes to install.**

**19. Press 'N' on the keyboard.**

**20. Press the ENTER key.**

## 21. Reboot the server.

As part of the OS installation, you were asked how you want to reboot the server once the installation is completed: auto reboot or manual reboot.

- If you selected the option “Auto Reboot”, the server reboots automatically.
- If you selected the option “Manual Reboot”, you now need to run the `reboot` command. In the Sun Install Console window, type:

**`reboot`**

## 22. After the server has rebooted, enter a root password for the server.

The installation is now complete.

# OS Image Update on a Network Server

You may want first to update the Solaris 9 OS image on a network server.

To apply the ITU to a Solaris 9 OS image on a network server, follow the procedure(s) as outlined in the *Solaris 9 OS 4/04 Installation Guide* or *Solaris 9 OS 9/04 Installation Guide*.

For more information, see “Related Documentation” on page 2.

Once you have updated the OS image, you can perform a regular network installation of the OS.

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