

AIX Version 4.3.1 TCSEC Evaluated C2 Security

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AIX Version 4.3.1 TCSEC Evaluated C2 Security

Release Notes

Memorandum to: Licensees of AIX Version 4.3.1 TCSEC Evaluated C2 Security (*)

Subject: AIX Version 4.3.1 TCSEC Evaluated C2 Security

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Enclosed is information about AIX Version 4.3.1 TCSEC Evaluated C2 Security offering. **Read this information before installing AIX Version 4.3.1 TCSEC Evaluated C2 Security offering.**

Table of Contents

[AIX Version 4.3.1 TCSEC Evaluated C2 Security](#)

- [Hardware Preinstallation Tasks](#)
 - [AIX Installation Tasks](#)
 - [Configuration Assistant Tasks](#)
 - [C2 Administrative Host Configuration](#)
 - [Disallow Root Login](#)
 - [Netscape Browser Configuration](#)
-

[AIX Version 4.3.1 TCSEC Evaluated C2 Security](#)

Installing AIX, using the media provided and these instructions, on any of the following evaluated hardware systems equipped with a GXT120P graphics adapter and optional communications adapters produces a system that conforms with the C2 evaluated configuration.

- RS/6000 43P Model 150
- RS/6000 F50
- RS/6000 S70

An installation of this software on anything other than the evaluated hardware is not supported. Attempting to install this software on an unsupported system unit may cause it to become inoperable.

Important: The evaluated configuration requires that you perform a complete overwrite installation, which *destroys all user data*. Be sure this is what you want to do before continuing with the installation.

[Hardware Preinstallation Tasks](#)

Read through this section carefully to understand the references to the hardware documentation before you attempt to perform any tasks. Note that you are referred most frequently to the system management services section of your users or service guides.

1. Set up your system unit and peripherals according to the instructions in the installation and setup guide supplied with your system unit.
2. Turn the power on to the system unit, then insert the CD into the tray. Refer to the user's guide provided with your system unit if you require detailed instructions.
3. Before the POST completes, as indicated by the presence of icons displayed across the bottom of the console, press the F1 key or the number 1 key to display the System Management Services graphical interface.
4. Select **Utilities**.
5. In the Utilities screen, select **Password**.
6. In the Password screen, select **Privileged**.

7. Type an 8-character password, then press Enter. Remember this password, as it may be required later. Refer to the user's guide provided with your system unit for additional information.
 8. In the System Management Services screen, select **Multiboot**.
 9. From the Multiboot screen, select **Install From**.
 10. From the displayed list, select the CD-ROM drive on which the media resides. To select, move the cursor using the up and down arrow keys while pressing the spacebar.
 11. Select **Install**.
 12. Select **AIX 4.3.1**. Some text should scroll across the bottom of the screen, then the screen should clear.
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[AIX Installation Tasks](#)

1. When prompted, press the specified function key (usually F1).
2. When prompted, press the number 1 key, then press Enter to select US_English.
3. When prompted, press the number 1 key to select the default installation parameters. You can change the destination disk if you wish, but you cannot change any other installation parameter and remain a C2 system.
4. When prompted, press the number 1 key to acknowledge that you want to continue with the installation.

When the installation is completed, the Installation Assistant user interface displays.

[Configuration Assistant Tasks](#)

In the Configuration Assistant Task Guide screen, perform the following tasks:

1. Set the system date and time for your time zone.
2. Set the root user account password (must be 8 characters). If the system unit will be a C2 administrative client, you should set the password to be the same as the root password on the administrative master.
3. Check and set paging space if desired.
4. Perform network configuration if the system unit is participating in a network. Select **Manual Configuration** to perform the configuration.

5. To exit the Configuration Assistant, select **yes**, then select **Finish now**
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C2 Administrative Host Configuration

In order for the system unit to participate in a properly managed C2 configuration, you must select an administrative host for it. Even a "stand-alone" machine must be configured.

1. At a command prompt, login as `root`.
2. Type `chdev -l lo0 -a "state=up"` to ensure that the local loopback interface is up.
3. Add any IP address configuration information required to reach other machines in the network to `/etc/hosts`.
4. Specify the host that will be the administrative master (the administrative master is the machine that contains the master copy of the administrative databases), then type either of the following commands:

```
mkC2admin -m
```

if this host is to be the administrative master (or is stand-alone); or,

```
mkC2admin hostname
```

where *hostname* is the name or IP address of the administrative master.

5. Type `shutdown -Fr`.
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Disallow Root Login

1. At a command prompt, login as `root`.
2. Type `xinit` to bring up the X server. You should have an aixterm window available.
3. Type `wsm users` to open the Web Based System Manager Users application.
4. In the Users window, click on **root**.
5. In the Users Properties - root window in the **General** folder, click on both of the following **Enable Logon** checkboxes:
 - o Locally from console
 - o Remotely with rlogin and telnet commandsthen click **OK**. A pop-up dialog displays. When it is done, close it, then exit from the Users

Properties - root window.

6. If this system unit is the administrative master or stand-alone, click on the **Add New User** folder to create an administrative user that you can use for logging in (before using `su` to change to root.).
 7. Exit from Web Based System Manager.
 8. Type `logout` to disconnect from the X server.
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Netscape Browser Configuration

1. At the command prompt, login as the administrative user that you most commonly would use.
2. Type `su -` to change to root user authority.
3. Type `xinit` to bring up the X server. You should have an aixterm window available.
4. In the aixterm window, type `netscape&`.
5. From the **Edit** menu, click on **Preferences**.
6. In the Netscape: Preferences window, click on **Navigator**, type:

```
http://localhost/doc_link/en_US/a_doc_lib/C2/tfm/toc.htm
```

in **Home page Location**, then click **OK**.

7. Click on **Home** to open the *Trusted Facilities Manual*.
8. To open the *Security Features User's Guide* from the browser, type the following in **Location**:

```
http://localhost/doc_link/en_US/a_doc_lib/C2/sfug/toc.htm
```

Footnotes:

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