



Sun Install Check User Guide

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Part No.XXX-XXXX-XX
October 2002, Revision A

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Sun Install Check User Guide

Sun Install Check Tool

The Sun [SM] Install Check tool is designed to enable you to confirm initial proper system configuration and installation of your Sun Fire server. The Sun Install Check tool will check your system for a minimum required software OS level, for the presence of key critical patches, for proper system firmware levels, and will identify unsupported hardware components. The tool identifies potential problems in these areas, and will provide recommendations for self-remediation to help you configure your system with the most current patches for stable operation.

Download and Installation

The Sun Install Check utility must be downloaded and uncompressed before it can run. Please note, if you are running Sun Install Check on a platform not supported by the Sun Install Check tool, the results may not accurately reflect the setup of your machine. To download and install it, follow these steps:

1. Download the Install Check tool from the following URL:

```
http://sunsolve.sun.com/pub-cgi/show.pl?target=installcheck/  
installcheck
```

Note: There are multiple links available for the same Sun Install Check tool. Separate links are kept for reporting purposes.

2. **Click on the applicable download link to download Sun Install Check to your machine.**

To download, press the shift key and click on the link. Please save in a directory of your choice.

3. **If you're not in the directory you chose to save Sun Install Check in, please change directories ("cd") to the directory in which Sun Install Check was saved.**

Type the command "chmod 755 icapp.bin".

4. **To run the tool you must be root. Type "su" at the prompt and enter the correct password to gain root access.**

Please note this password is the system administrator password and Install Check can not provide for you.

5. **Type the command "./icapp.bin".**

This command will execute Sun Install Check. The possible parameters for icapp.bin are:

-i Select interface

cli: command line interface

gui: graphical interface

-d Directory in which to store collected data. This can require several megabytes of space each time Install Check is run.

-h Help

-V version information

Running the Application (GUI)

The Graphical User Interface provides a wizard-like interface for running Install Check. Navigation is performed through the next and back buttons on the lower portion of the GUI window. The GUI has a help button for accessing help topics and a cancel/close button to exit the application. Follow these steps to run the Sun Install Check tool:

1. **The first page the GUI displays is an introduction/overview for the user. Click the next button to proceed to the next page.**
2. **The second page gives the option to run Install Check and generate new results or open results from a previous session. Select an option and click the next button.**

If previous results is chosen, an open file dialog will be displayed. Select the previous results file to open. Click back to return to the previous page.

- 3. The third page is used to collect user information. Fill in at least the required fields and click the next button.**

Required fields are marked with an *. There is a check box to indicate whether or not the user wants to have the results mailed back to Sun. If the Sun Install Check tool has been run before, fields previously filled in will be completed.

- 4. The fourth page is used to run the data collection engine (Explorer) and then perform the specific checks on the data just collected. The process will automatically begin once the fourth page is opened.**

Once the data collection and the checks have been performed, the next button will be highlighted.

- 5. Click the next button to proceed to the results page.**

- 6. The last page displays the results of the checks run against the collected data.**

The left side of the page shows the checks performed. Failed checks will have a corresponding icon representing the severity of the failure. There are three levels of severity: a blue icon with a horizontal line representing low, a yellow icon with a diagonal line representing high, and a red icon with a vertical line representing critical. Clicking on any of the checks will display pertinent details on the right side of the screen.

- 7. Checks can be filtered by selecting all checks, passed checks or failed checks from the filter pop up menu below the check results. To exit the tool, click the close button.**

- 8. Once results have been generated they are automatically saved and can be opened for later viewing. See step 2.**

- 9. Press the close button in this window to close the previous results.**

Running the Application (CLI)

Sun Install Check provides a command line interface (CLI) for users without graphics capabilities. The CLI uses a menu based navigation where the user types the menu number to navigate the application.

- 1. Fill in the fields.**

If the customer information has not been previously filled in, the CLI will prompt the user for this information. Required fields are denoted by a *. Once this information has been filled in, it will be displayed and it can be edited by typing 2.

2. Type 1 to go to the main menu.

3. At the main menu, type 1 to begin the data collection and validation process.

Checks will then be run. Once finished, the CLI will store the results in the text file indicated. It will also display a summary of the results and return to the main menu.

4. To access help, type 3 at the main menu.

Navigate help by selecting topics and sub-topics you wish to view. At any time, type 1 to return to the main menu.

5. Customer information can be viewed and edited by typing 2 at the main menu.

Report Information (Check Severity)

Severity Communicates the impact on the system and the ability to recover from the problem and/or the time to recover if this issue were encountered if not resolved. Essentially, the severity indicates importance of fixing the issue. Please note that when the GUI displays the results it does not separate Medium from Low. It reports Medium and Low checks as Low.

The following four classifications are used for severity:

- Critical: Extreme risk of service interruption or downtime and/or data loss.
- High: High risk of service interruption and/or data loss.
- Medium: Medium risk of service interruption and/or data loss.
- Low: Low risk of service interruption.