



Sun Ray™ Server Software 2.0 Release Notes

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Sun Ray Server Software 2.0 Release Notes

Sun Ray Server Software 2.0 is an incremental release of Sun Ray Server Software.

What's New

The 2.0 release:

1. Provides support for LAN deployment of Sun Rays, eliminating the need for a private interconnect.
2. Adds additional privacy through encryption of components of the Sun Ray wire protocol between desktop units and the Sun Ray server.
3. Eliminates the low-encryption Secure Socket Layer (SSL) product shipped previously, due to the relaxation of the export controls on 128-bit SSL encryption.
4. Replaces Sun Directory Service (SunDS) with the Sun Ray Data Store (SRDS) to eliminate overlap with other LDAP products as well as eliminate license restrictions.
5. Supports Smart Card Frameworks, but only on these releases or later: Solaris 8 update 7 and Solaris 9 update 1.
6. Establishes default screen resolution at 640 X 480 pixels (in the absence of DDC data from a given display) to match the standard behavior of other platforms.
7. Allows for monitor timing settings (persistent settings) to be preserved for various combinations of users, tokens, and DTUs.

Data Store

In Sun Ray 2.0, SunDS has been replaced by the private Sun Ray Data Store (SRDS). This new service stores Sun Ray administration and user data. Because it uses default port 7012, it no longer conflicts with the LDAP port 389. Port number conflict was a problem with previous Sun Ray releases.

When you configure a new server, the `utconfig` script uses port number 7012 automatically.

Caution – If you have any non-Sun Ray data stored in SunDS, back it up before upgrading the server so that you can restore the data later. Do not restore the SunDS service with your private data until you set all the servers in your failover group to use the new SRDS port.

New Data Store for Sun Ray Data Only

The Sun Ray Data Store product provided as part of the Sun Ray software should be used only for Sun Ray data. It is not intended for general use.

Deprecated Features

The `utglpolicy` command and the `utpolicy` options `-i` and `-t` are deprecated in release 2.0.

- Use the `utrestart` command instead of the `-i` option to `utpolicy`.
- Use the `utreader` command instead of the `-t` option to `utpolicy`.
- Use the `utpolicy` command to make policy changes.

When you set a policy with `utpolicy`, the group policy is set automatically, so all you need to do at that point is to reset or restart services. This eliminates the need for `utglpolicy`.

Also, the following property and variable have changed:

- The session X property, `_SUN_CORONA_SESSION`, is replaced by `_SUN_SUNRAY_SESSION`.
- The token name environment variable, `CORONA_TOKEN`, is replaced by `SUN_SUNRAY_TOKEN`.

Roaming

Connecting to a failover group other than a given Sun Ray appliance's default bootup group is not supported.

Smart Card Frameworks

The initial release of Solaris 9 does not support Smart Card Frameworks; however, Sun Ray Server Software 2.0 supports Smart Card Frameworks on these releases or later: Solaris 8 update 7 and Solaris 9 update 1.

Known Problems

XServer Dies Unexpectedly

A serious XServer bug in patches 112785-05 through 112785-08 causes the CDE login console to crash. The XServer dies unexpectedly when a user logs out of a last remote login session. The patch has been included in the Solaris 9 Recommended Patch Cluster.

The recommended action is to back patches 112785-05 through 112785-08 out of the Solaris 9 Recommended Patch Cluster.

Patch 112785-09 does not have this problem.

Latest Java Communications API Needed for PDASync

The PDASync application on a Sun Ray requires the latest Java Communications API (javax.comm API version 2.02 or higher). It is available for download at:

<http://java.sun.com/products/javacomm/>

Sun Web Server Installation Problems

If you perform a clean Sun Ray Server Software installation on a server that is already running a Sun Web Server (SWS), you may get a warning message. At this point, `utinstall` asks if you want to remove the Sun Web Server. Enter “N” (for no) to the prompt, so that the Sun Web Server is NOT removed.

This situation can occur when the existing Sun Web Server is a private copy not installed as part of the Sun Ray Server Software.

Bogus Error Messages on Upgrade

If you choose to remove the old SWS software when upgrading from SRSS 1.2 to SRSS 2.0, `utinstall` prints the list of users from the password database when it tries to remove the Sun Ray Admin server. The `userdel` command invoked by `utinstall` also prints an “Invalid syntax” error message. These messages are displayed when `utinstall` tries to remove SWS software that has already been removed.

Although these messages may be confusing or annoying, they have no impact on the upgrade. Please ignore them.

Documentation

Sun Ray Server Software documentation has been revised and improved for the 2.0 release. The most up-to-date versions of the two manuals can be found as PDF files on the Sun Ray Server Software 2.0 CD. For convenience, HTML versions of both manuals are also available on `docs.sun.com`.

Fewer Volumes

The information contained in the old *Administrator's Guide* and *Advanced Administrator's Guide* has been revised, augmented, and repackaged as a single volume, the *Sun Ray Server Software 2.0 Administrator's Guide*.

The *Installation and Configuration Guide* offers simplified procedures and improved layout, including decision flow charts to make it easier to install or upgrade Sun Ray server software and to configure Sun Ray servers for different types of networks.

Better Navigation

The PDF files for the two manuals are extensively indexed and cross-referenced to provide multiple entry points when you actually need to look at the documentation. Hot links are provided for:

- Items in the PDF navigation bar
- Table of Contents entries
- Index entries
- Pertinent cross-references

In addition, you can use the native Adobe Acrobat search facility to find any text string.

