

# Sun Java™ System Calendar Server Release Notes for Microsoft Windows

Version 6 2005Q4

Part Number 819-4265-10

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These Release Notes contain important information available at the time of release of Sun Java System Calendar Server 6 2005Q4 for Microsoft Windows. Known issues and limitations, and other information are addressed here. Read this document before you begin using Calendar Server 6 2005Q4.

The most up-to-date version of these release notes can be found at the Sun Java System documentation web site:<http://docs.sun.com/app/docs/prod/entsys.05q4#hic>. Check the web site prior to installing and setting up your software and then periodically thereafter to view the most up-to-date release notes and product documentation.

These release notes contain the following sections:

- [Release Notes Revision History](#)
- [About Calendar Server 6 2005Q4](#)
- [Bugs Fixed in This Release](#)
- [Important Information](#)
- [Known Issues and Limitations](#)
- [Redistributable Files](#)
- [How to Report Problems and Provide Feedback](#)
- [Additional Sun Resources](#)

Read these Release Notes before you install and configure Calendar Server.

Sun Java™ System Calendar Server was formerly Sun™ ONE Calendar Server.

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# Release Notes Revision History

**Table 1** Revision History

Date	Description of Changes
February 2006	Revenue release.
November 2005	Beta release.

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## About Calendar Server 6 2005Q4

Calendar Server is a scalable, web-based solution for centralized calendaring and scheduling for enterprises and service providers. Calendar Server supports user calendars for both events and tasks as well as calendars for resources, such as conference rooms and equipment. For a list of new features, see the following section, [What's New in Calendar Server 6 2005Q4](#).

Calendar Server offers two graphical user interfaces, Calendar Express and Communications Express. It also offers customers the flexibility to use the Web Calendar Access Protocol (WCAP) to access calendar data directly in either `text\calendar` or `text\xml` format.

## What's New in Calendar Server 6 2005Q4

Calendar Server 6 2005Q4 includes the following changes and new features:

- [Automatic Backups](#)
- [Read-Only Database](#)
- [Support for Rebuilding Alarm Database Separately](#)
- [Automatic Database Verification in csdb rebuild](#)
- [User Management Utility Name Change](#)
- [Installation Changes - Directory Server Preparation Script \(comm\\_dssetup.pl\)](#)
- [Web Calendar Access Protocol \(WCAP\) Changes](#)
- [Old Deployment Guides Deprecated](#)

## Automatic Backups

This section covers the following topics:

- [How to Recover from a Database Failure](#)
- [Configuring Automatic Backups in CSConfig.bat](#)

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**NOTE** Make sure perl is already available in the host that is to be configured for hotbackup.

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### How to Recover from a Database Failure

If your current database ever fails and you need to replace it with a backup, the hotbackup copy can be used with a minimum of processing (and thus a minimum of downtime). To prepare the hotbackup copy, you need only copy the unapplied transactions to the hotbackup directory and run `db_recover` against it. That utility applies the final unapplied transaction logs, and checks for corruptions. Then, run `db_verify` to check the state of the database. If the database is OK, then the hotbackup copy is ready to be used as your new production copy.

For more information about the new autobackup feature and the procedures needed to configure and administer it, see the chapter on autobackups in the *Sun Java System Calendar Server Administration Guide*.

For more information about restoring one of your automatic backups, see the “Troubleshooting” chapter of the *Sun Java System Calendar Server Administration Guide*.

Until automatic backups are enabled, the service sends an error message every 24 hours to the calendar administrator saying it is unconfigured. Performing hotbackups is a best practice for Calendar Sever.

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**TIP** If you have automatic backups disabled, be sure to enable circular logging (`caldb.berkeley.circularlogging="yes"`) so that old transaction logs do not fill up available disk space. Circular logging must be disabled (`caldb.berkeley.circularlogging="no"`) when doing automatic backups.

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### Configuring Automatic Backups in CSConfig.bat

The configuration program now asks you if you want to configure automatic backups. The configuration program will set up automatic backups (hotbackups) for you, or at a later date, you can configure automatic backups by following the instructions in the *Sun Java System Calendar Server 6 2005Q4 Administration Guide*.

## Read-Only Database

Calendar Server uses Berkeley Database for its calendar databases (other than LDAP for the user and resource information). If your current Berkeley databases become corrupted and you need to continue to provide user access to them while you are recovering the data, Calendar Server 6 2005Q1 allows you to put the databases in read-only mode. In this mode, the server will not accept any update or delete transactions against any of the databases. Only read transactions are supported.

With automatic backups configured, the service runs `db_verify` against each new snapshot of the databases. If corruption is detected, it automatically sends a warning message to the administrator. The administrator can then put the databases into read-only mode.

However, you might detect corruption later on during the day, between snapshots. If this is the case, you can put your current databases into read-only mode while you are trying to recover. You can not selectively place individual Berkeley databases into read-only mode.

For more information about this, see the “Troubleshooting” chapter in the *Sun Java System Calendar Server 6 2005Q4 Administration Guide*.

To make the Berkeley databases read-only:

1. Edit the `ics.conf` file as follows:

```
caldb.berkeleydb.readonly="yes"
```

2. Restart Calendar Server:

```
start-cal.bat
```

## Support for Rebuilding Alarm Database Separately

In earlier releases of Calendar Server, when you ran `csdb rebuild`, all the Calendar Server databases were rebuilt. In Calendar Server 6 2005Q1, you can choose to rebuild only the alarms database. The reason for this is that analysis has shown that the alarms database was the most prone to corruption and was the quickest to rebuild. If you do not know which database is corrupt, you can run it for the alarm database only first to see if that catches the problem. If not, you can then run the full rebuild utility (`csdb`).

## Automatic Database Verification in `csdb rebuild`

In earlier releases of Calendar Server, after rebuilding databases with `csdb`, you had to run `db_verify` manually to verify the rebuilt databases. Now, the `csdb rebuild` command automatically runs `db_verify` on the rebuilt database.

## User Management Utility Name Change

The User Management Utility, a command-line only utility used for provisioning and management of users, resources and domains, has been renamed to the Delegated Administrator Utility and is still the only provisioning tool for Schema 2 that supports Calendar Server.

The Delegated Administrator graphical user interface released for 2005Q1 does not support Calendar Server.

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**NOTE** This is not the same Delegated Administrator used by earlier versions of Messaging Server for Schema 1 provisioning. (It never supported Calendar Server either.)

If you are still using Schema 1, use the Calendar Server command-line utilities described in the *Sun Java System Calendar Server 6 2005Q4 Administration Guide*.

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## Installation Changes - Directory Server Preparation Script (comm\_dssetup.pl)

The Directory Server Preparation Script (`comm_dssetup.pl`) is no longer bundled with the Calendar Server and Messaging Server products. It has become a separately installable component in the Java Enterprise System installer. On the component selection panel, you can select the Directory Server Preparation Script by itself. Or, it is selected automatically if you select Directory Server.

In general, due to product changes, you will need to install the new Directory Server Preparation Script and run it even if you have run earlier versions. Do not rerun an earlier version you may already have as it will not contain the necessary updates.

## Web Calendar Access Protocol (WCAP) Changes

The following changes were made in WCAP:

- [Freebusy Redirect URL](#)
- [Changes to Existing WCAP Commands](#)
- [Old Deployment Guides Deprecated](#)

### Freebusy Redirect URL

This sections covers the following topics:

- [What is the Freebusy Redirect URL Feature?](#)

- [How Does it Work?](#)

### *What is the Freebusy Redirect URL Feature?*

For customers migrating from Microsoft Exchange to Calendar Server, a new feature was added to WCAP that allows both databases to be searched, first the Calendar Server database and then the Microsoft Exchange database. This enables customers to maintain calendar services during the transition. To accomplish this, two changes were made in WCAP:

- The following `ics.conf` parameter was added:  
`service.wcap.freebusy.redirecturl`
- The following parameter was added to the `free_busy` command:

`noredirect`

This parameter is an integer with two values, 0 and 1. The default is 0, which causes the server to use the `free_busy` redirect URL if it exists in the `ics.conf` file.

When the value is set to 1, the server will neither look for, nor use the redirect URL, even if it exists in the `ics.conf` file.

### *How Does it Work?*

When the server receives a `free_busy` command, it checks the Calendar Server calendar database. If the server can not find the calendar, the following steps take place:

1. The server checks to see if the `noredirect` parameter was passed in the `get_freebusy` command.
2. If the value of the `noredirect` parameter is 0, or was not passed in, the server looks for the value in the `ics.conf` file parameter `service.wcap.freebusy.redirecturl`.
3. If the `service.wcap.freebusy.redirecturl` parameter exists and has a URL as its value, it passes the URL back to the requesting program. It is up to the requesting program to use the URL to look for the calendar in the Microsoft Exchange databases.
4. If either of the following is true, the server returns an error.
  - The `service.wcap.freebusy.redirecturl` parameter either does not exist or has a blank value.
  - The `get_freebusy` command passed in the `noredirect` parameter with a value of 1.

## Changes to Existing WCAP Commands

The following parameter changes were made to existing WCAP commands:

- `notify`—The `notify` parameter was removed from the following commands:

- `deletecomponents_by_range`
- `deleteevents_by_id`
- `deleteevents_by_range`
- `smtp`—The `smtp` parameter was added to replace the `notify` parameter.
- `noredirect`—The `noredirect` parameter was added to the `free_busy` command. It tells the server not to return the redirect URL in case the requested calendar can't be found.
- `fetchorder`—This parameter was added to all `fetch*_by` commands. It allows you to choose in which order events and todos are returned. The choices are ascending order, descending order, or a special (legacy) order that is mostly ascending.
- `excludedtstart`—This parameter was added to the `storeevents` and `storetodos` commands. It specifies whether or not the `dtstart` date will be included in a recurring series even if the date falls outside the set of dates generated by the `rrules`.

For further information about these parameters, see the *Sun Java System Calendar Server 6 2005Q4 Developer's Guide*.

## Old Deployment Guides Deprecated

The *Sun Java System Calendar Server 6 2004Q2 Deployment Guide* and the *Sun Java System Communications Services 6 2004Q2 Enterprise Deployment Planning Guide* have been deprecated in favor of the *Sun Java System Communications Services 6 2005Q1 Deployment Planning Guide*.

# Hardware and Software Requirements

This section describes the hardware and software required and recommended for this release of Calendar Server.

- [Hardware Requirements and Recommendations](#)
- [Software Requirements and Recommendations](#)

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**NOTE** For Calendar Server installations that separate functionality across front-end and back-end machines, the hardware platforms and operating systems must be the same on each end.

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## Hardware Requirements and Recommendations

- Approximately 500 Mbytes of disk space for typical installation. For production systems, at least 1 Gbytes.
- 128 Mbytes of RAM. For production systems, 256 Mbytes to 1 Gbytes for best performance.

- RAID storage for fast access (recommended for large databases).

## Software Requirements and Recommendations

- [Supported Software Platforms](#)
- [Recommended Browsers for Client Computers](#)

### *Supported Software Platforms*

Microsoft Windows 2000 Advanced Server, Service Pack 4

Microsoft Windows 2003 Enterprise Server

Microsoft Windows XP SP1, SP2

### *Recommended Browsers for Client Computers*

Sun Java System Calendar Express 6 2005Q4 requires a JavaScript-enabled browser. For optimal performance, the following browsers are recommended:

**Table 2** Recommended Browser Versions for Calendar Server 6

Browser	Microsoft Windows 98	Microsoft Windows XP	Microsoft Windows 2000	Solaris	Red Hat Linux	Macintosh OS X
Netscape™ Communicator	7.2	7.2	7.2	7.2	7.2	7.2
Microsoft Internet Explorer	6.0 SP1 or later	6.0 SP2	6.0 SP1 or later	NA	N/A	N/A
Mozilla™	1.5+	1.5+	1.5+	1.4	1.5+	1.5+

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## Bugs Fixed in This Release

None.

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## Important Information

This section contains pre installation information that you should know before you install Calendar Server 6 2005Q4, including:



- [Front-End and Back-End Machines and Operating Systems](#)
- [Upgrading From an Earlier Version of Calendar Server 6](#)
- [Upgrading Your Calendar Database](#)
- [Sun Java Enterprise System Installer](#)
- [Post-Installation Configuration Steps](#)
- [Where to Find Calendar Server Data and Utilities](#)
- [Directory Server Performance](#)
- [Communications Express Using Schema 1](#)
- [Provisioning Tools](#)
- [Calendar Server 6 Documentation](#)
- [Accessibility Features for People With Disabilities](#)

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**CAUTION** Calendar Server does not support Network File System (NFS) mounted partitions. Do not install or create any part of Calendar Server; including executable, database, configuration, data, temporary, or log files on an NFS-mounted partition.

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## Front-End and Back-End Machines and Operating Systems

For Calendar Server installations that separate functionality across front-end and back-end machines, the hardware platforms must be the same on each end.

For more information about installing Calendar Server on front-end and back-end machines, see the *System Calendar Server 6 20005Q1 Administration Guide* at:

<http://docs.sun.com/app/docs/doc/819-0024.pdf>

### Windows Platform Support

Sun Java Enterprise System runs on the Windows platform. The default installation locations are listed for the following:

- [Calendar Server](#)
- [Communications Express](#)
- [Delegated Administrator Utility \(formerly User Management Utility\)](#)

## Calendar Server

The following table provides the directory path details for Calendar Server:

**Table 3** Directory Path details on Windows Platform

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### Windows Directory

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<JESINSTALLDIR>\CalendarServer

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## Communications Express

The default installation location in Windows for Communications Express is:

<JESINSTALLDIR>\CommExpress

## Delegated Administrator Utility (formerly User Management Utility)

The default installation location in Windows for Delegated Administrator is:

<JESINSTALLDIR>\DelegatedAdmin

## Required Privileges

To run the Sun Java Enterprise System installer or the Calendar Server 6 2005Q4 configuration program on Windows Operating Systems, you must log in as administrator or user with administrator privileges.

# Upgrading From an Earlier Version of Calendar Server 6

Do not attempt to upgrade Calendar Server using the Sun Java Enterprise System installer.

## Patch Requirement Information

The following table gives the numbers and minimum versions for the alignment patches. All patches referred to in this section are the minimum version number required for upgrade. It is possible that a new version of the patch has been issued since this document was published. A newer version is indicated by a different version number at the end of the patch. For example: 123456-04 is a newer version of 123456-02 but they are the same patch ID. Refer to the README file for each patch listed for special instructions.

To access the patches, go to <http://sunsolve.sun.com>.

**Table 4** Calendar Server 6 2005Q4 Alignment Patches Required For Windows

Patch Number	Patch Description
121527-01	Windows (MSI): Directory Preparation Tool

**Table 4** Calendar Server 6 2005Q4 Alignment Patches Required For Windows

Patch Number	Patch Description
121523-01	Windows (MSI): Shared Components
121526-01	Windows (MSI): Sun Java™ System Calendar Server 6 2005Q4

For detailed information about Upgrade procedure of the Calendar Server from JES3 to JES4 refer *Sun Java Enterprise System 2005Q4 Upgrade Guide for Microsoft Windows* located at <http://docs.sun.com/app/docs/doc/819-4461>.

## Upgrading Your Calendar Database

If you have Calendar Server 6 installed, with Berkeley DB version 3.2.9, the conversion to the current 4.2 version will be done automatically. You do not need to run any other database migration programs.

If you have a Calendar Server 5 installation that uses Berkeley DB version 2.6, you must upgrade your calendar database to version 4.2. using the `cs5migrate` utility. The utility is available upon request from technical support.

If you have an existing Calendar Server 2 installation, you must upgrade to Calendar Server 5 before you can migrate to the current release.

The `cs5migrate` utility performs the following tasks:

- Migrates Calendar Server 5.x data to Calendar Server 6
- Updates the calendar database from Berkeley DB version 2.6 to version 4.2
- Writes the migration status to a log named `csmigrate.log`
- Writes errors to a log named `csmigrateerror.log`

In addition, if the `-r` option is specified, `cs5migrate` creates master and exception records for all recurring events and tasks. Going forward these records will be automatically generated by Calendar Server. If you need to migrate your database but do not plan to use the Connector for Microsoft Outlook, you do not need run `cs5migrate` with the `-r` option.

Contact technical support for the download location and documentation for either utility.

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**CAUTION** If your site has an earlier version of Calendar Server that is configured for limited virtual domain mode or has multiple instances of Calendar Server on the same machine, contact your Sun Microsystems, Inc. sales account representative for an evaluation of your migration requirements and to ensure that you have the specific migration utility that supports those requirements.

**And, as always, never migrate your database without first performing a full backup**

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## Sun Java Enterprise System Installer

Install Calendar Server 6 2005Q4 using the Sun Java Enterprise System installer. The Java Enterprise System installer installs the Sun component product packages, including Calendar Server 6 2005Q4, and the shared components that are used by the various products.

### Default Installation Directory

The default installation directory for Windows is:

<JESINSTALLDIR>\CalendarServer

## Post-Installation Configuration Steps

After installing Calendar Server 6 2005Q1, you *must* configure it as follows:

1. Run the Directory Server Setup Script (`comm_dssetup.pl`) to configure Sun Java System Directory Server for Calendar Server schema.
2. Run the Calendar Server Configuration Program (`CSConfig.bat`) to configure your site's specific requirements.

For instructions, refer to the *Sun Java System Calendar Server 6 2005Q4 Administration Guide*.

# Where to Find Calendar Server Data and Utilities

For Java Enterprise System Release 3, Calendar Server provides the links for Windows locations shown in the following table.

**Table 5** Directory Locations

File Names	Windows Locations*
Administrator utilities: start-cal, stop-cal, csattribute, csbackup, cscal, cscomponents, csdb, csdomain, csexport, csimport, csmonitor, csplugin, cspurge, csrename, csresource, csrestore, csschedule, csstats, cstool, and csuser Migration utilities: csmig, csvdmig	<JESINSTALLDIR>\CalendarServer\bin
Administrator utilities: csstart and csstop	<JESINSTALLDIR>\CalendarServer\bin
Configuration files: ics.conf, version.conf, counter.conf, and sslpassword.conf	<JESINSTALLDIR>\CalendarServer\bin\config These Ldif files are part of Directory preparation script.
LDAP server update files: 60iplanet-calendar.ldif, ics50-schema.conf, and um50-common-schema.conf	
Mail formatting (*.fmt) files	<JESINSTALLDIR>\CalendarServer\config\language
Schema IDIF files: 20subscriber.ldif, 50ns-value.ldif, 50ns-delegated-admin.ldif, 55ims-ical.ldif, 50ns-mail.ldif, 56ims-schema.ldif, 50ns-mlm.ldif, 60iplanet-calendar.ldif, 50ns-msg.ldif	<JESINSTALLDIR>\CalendarServer\config\schema These Ldif files are part of Directory preparation script.
Library files (*.dll)	<JESINSTALLDIR>\CalendarServer\bin
SSL utilities: certutil and modutil	<JESINSTALLDIR>\shared\bin
Session database	<JESINSTALLDIR>\CalendarServer\bin\config
Counter statistics files: counter and counter.dbstat	<JESINSTALLDIR>\CalendarServer\counter
timezones.ics file	<JESINSTALLDIR>\CalendarServer\bin\data

## Directory Server Performance

To improve the performance of your LDAP directory server, especially if you are using calendar searches of the LDAP directory consider the following items:

- [Indexing the LDAP Directory Server Attributes](#)
- [Checking and Setting the Size Limit and the Look Through Limit Parameters](#)

## Indexing the LDAP Directory Server Attributes

To improve performance when Calendar Server accesses the LDAP directory server, add indexes to the LDAP configuration file for various attributes.

The configuration program, `comm_dssetup.pl`, will optionally do the indexing for you.

To see the performance difference indexing can give you, perform the following test:

1. Enable calendar searches of the LDAP directory server by making sure the following parameter in the `ics.conf` file is set to "yes":

```
service.calendarsearch.ldap = "yes" (Default)
```

2. Run the following LDAP command:

```
ldapsearch -b "base"  
"(&(icscalendarowned=*user*)(objectclass=icsCalendarUser))"
```

where, *base* is the LDAP base DN of the directory server where the user and resource data for Calendar Server is located, and *user* is the value that an end user can enter in the Calendar Express Subscribe > Calendar Search dialog.

Tests have shown that with 60,000 entries, the above search took about 50-55 seconds without indexing `icsCalendarOwned`. After indexing, the above search took only about 1-2 seconds.

For more information about adding directory server indexes, refer to the *Sun Java System Directory Server 5 2005Q4* documentation at:

<http://docs.sun.com/app/docs/coll/1316.1>

## Checking and Setting the Size Limit and the Look Through Limit Parameters

To determine if the Look Through Limit (`nsslapd-lookthroughlimit`) and Size Limit (`nsslapd-sizelimit`) parameters are set to appropriate values, try the following command:

```
ldapsearch -b "base"  
"(&(icscalendarowned=*user*)(objectclass=icsCalendarUser))"
```

where, *base* is the LDAP base DN of the directory server where the user and resource data for Calendar Server is located, and *user* is the value that an end user can enter in the Calendar Express Subscribe > Calendar Search dialog.

If the LDAP server returns an error, the `nsslapd-sizelimit` or the `nsslapd-lookthroughlimit` parameter might not be large enough. Follow these guidelines to set these parameters:

- Ensure that the value for the `nsslapd-sizelimit` parameter in the `slapd.conf` or equivalent file is large enough to return all the desired results; otherwise, truncation can occur, and no results will be displayed.

- Ensure that the value for the `nsslapd-lookthroughlimit` parameter in the `slapd.ldbm.conf` or equivalent file is large enough to complete a search of all the users and resources in the LDAP directory. If possible set `nsslapd-lookthroughlimit` to `-1`, which causes no limit to be used.

## Communications Express Using Schema 1

There is one issues with Schema 1 in Communications Express:

- The calendar utility used to provision users in Schema 1, `csuser`, was designed for Calendar Express and does not enable a user for Address Book service as is needed for Communications Express.

## Provisioning Tools

There are two tools for provisioning users, groups and domains for Calendar Server: The Delegated Administrator Utility and Calendar Server utilities. For information on Delegated Administrator, see the *Sun Java System Communications Services 6 2005Q1 Delegated Administrator Guide*. For information on the Calendar Server utilities, see the *Sun Java System Calendar Server 6 2005Q1 Administration Guide*.

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**NOTE** Do not attempt to provision users through the Access Manager Console. Though it is possible to create users and assign them a calendar service, do not use this method as results will be unpredictable and negatively impact your deployment.

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## Calendar Server 6 Documentation

Calendar Server 6 includes the following documentation. Part numbers are in parentheses.

- *Sun Java System Calendar Server 6 2005Q4 Release Notes* (819-4250)
- *Sun Java System Calendar Server 6 2005Q4 Administration Guide* (819-2433)
- *Sun Java System Calendar Server 6 2005Q4 Developer's Guide* (819-2434)
- *Sun Java System Communications Express 6 2005Q4 Administration Guide* (819-2611)
- *Sun Java System Communications Express 6 2005Q4 Customization Guide* (819-2662)
- *Sun Java System Communications Services 6 2005 Q4 Delegated Administration Guide* (819-2658)
- *Sun Java System Communications Services 6 2005Q4 Schema Reference* (819-2657)

- *Sun Java System Communications Services 6 2005Q4 Event Notification Service Guide (819-2699)*
- *Sun Java Enterprise System 2005Q4 Upgrade Guide for Microsoft Windows (819-4460)*

Calendar Express 6 2005Q4 Online Help is available with the Calendar Express software.  
 Communications Express 6 2005Q1 Online Help is available with the Communications Express software.

Calendar Server 6 2005Q4 documentation is available on the following Web site:

<http://docs.sun.com/app/docs/coll/1313.1>

## Accessibility Features for People With Disabilities

To obtain accessibility features that have been released since the publishing of this media, consult Section 508 product assessments available from Sun upon request to determine which versions are best suited for deploying accessible solutions. Updated versions of applications can be found at: <http://sun.com/software/javaenterprisesystem/get.html>.

For information on Sun’s commitment to accessibility, visit <http://sun.com/access>.

## Compatibility Issues

The following table lists the known incompatibilities between Calendar Server 6 2005Q4 and earlier versions.

**Table 6** Compatibility Issues

Incompatibility	Impact	Comments
Access Manager now has two install types: Enhanced and Compatible.	At installation, you must choose Compatible as the install type on the following panel:  Access Manager: Administration (1 of 6)	If the wrong Access Manager is installed, you will not be able to run Delegated Administrator.
The Directory Preparation Tool (comm_dssetup.pl)	comm_dssetup.pl is now in its own package	To install the package, be sure the Directory Preparation Tool is selected in the appropriate installer panel.
This release of Communications Express is incompatible with the 2004Q2 version of Calendar Server.	If you upgrade Communications Express, you must also upgrade Calendar Server.	This also applies to Messaging Server.



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# Known Issues and Limitations

This section describes the known issues and limitations of Calendar Server 6 2005Q4 for Microsoft Windows.

This section covers the following topics:

- [Limitations](#)
- [Reported Problems](#)
- [Installation](#)
- [Command Line Utilities](#)

## Limitations

### Removing all Instances of Multi-Valued User Preferences

Each `set_userprefs` command removes only one instance of a multi-valued preference.

#### *Workaround*

To remove all instances of a multi-valued user preference, you must issue one `set_userpref` command per instance.

For example: Perform a `get_userprefs` to list all of the user preferences. If there are multiple values for a preference, such as `icsSubscribed`, then you must issue one `set_userprefs` command to delete the preference for each of the values listed.

### Pop-up Blockers

Certain Calendar Server windows will not display if you have a pop-up blocker enabled.

#### *Workaround*

Disable pop-up blockers for the Calendar URL to ensure all Calendar Server windows will display.

#### *Exception*

Neither the Norton Inet Security `AD_BLOCKER` nor the Mozilla built-in `POP_BLOCKER` will affect Calendar Server windows.

### Provisioning Users for Communications Express in Schema 1 Mode

The `csuser` utility does not enable users it creates for Address Book.

### *Workaround*

Enable the user using `ldapmodify`.

### **Multiple Domains (Hosted Domains)**

The configuration program, `csconfigurator.sh`, configures only a single domain.

### *Workaround*

If you need a multiple domain calendar environment (called either Virtual Domains or Hosted Domains), you must do two things:

Enable hosted domains.

Add the domains yourself using Delegated Administrator, or the `csdomain` utility if you are still using Sun LDAP Schema 1.

See “Setting up Hosted Domains” and “Administering Hosted Domains” in the *Sun Java System Calendar Server 6 2005Q4 Administration Guide*.

## Reported Problems

The following is a list of problems reported on the product.

**Table 7** Reported Problems

<b>Bug ID</b>	<b>Problems</b>
4526765	Calendar Server utility <code>cscal</code> will not add more than two owners to a calendar at a time, no matter how many are specified in the command.
4958242	When a user modifies an event and chooses the option to modify today’s event and all future events, all previous events are deleted and will no longer display in the UI.
5019977	SSL initialization fails in SSLv2 mode. Unable to make use of SSLv2 client.
5060833	If you start a process (such as <code>enpd</code> ) and then disable it in the <code>ics.conf</code> file, when <code>stop-cal</code> is issued, the system will not stop the disabled process.  <i>Workaround</i> Re-enable the process in the <code>ics.conf</code> file and then issue the <code>stop-cal</code> command. After all processes are stopped, then disable any processes you do not want running before issuing <code>start-cal</code> .
6179278	Hot backup log file not being purged per <code>ics.conf</code> settings as other log files are. To keep file to a minimum, decrease verbosity. (verbosity level 3 is the default).
6186298	In Schema 1 mode with hosted domains, if the DC tree is missing or improperly provisioned, calendar utilities can fail. You must create the DC tree nodes prior to creating or otherwise managing calendars.

**Table 7** Reported Problems

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6216869	If DWP is disabled while the DWP process is running, <code>stop-cal</code> will not stop it. <code>stop-cal</code> should stop all services rather than just those enabled.
6216877	Vague error message. In a hosted domain environment, if the basednpassed <code>toocsdomain</code> does not exist. The actual message received is: "FAIL: icsLdapServer: Null argument to function." This type of error message is vague because the error message originates several levels down and could be caused by many different circumstances. Rather than just passing the error through, the higher level program should interpret the error message before bubbling it up to the next higher level.
6219126	Leading white space stripped from description field when stored in calendar server.
6219906	In virtual domain mode, if <code>maillookup</code> is configured in the <code>ics.conf</code> file, a WCAP error is returned. Fixed in patch 1. Fix: In virtual domain mode, <code>maillookup</code> is ignored in favor of <code>ugldap</code> in the <code>ics.conf</code> file.  <i>Workaround</i> Comment out the <code>maillookup</code> parameters in the <code>ics.conf</code> file.
6221452	SSL can not be enabled or disabled on individual hosted domains. (RFE)
6221999	The error messages given by <code>csdomain</code> are vague and need to be more explicit.
6265287	Trusted circle SSO fails when authentication filter is configured in calendar.
6269721	<code>csresource -k</code> option defaults differently depending on if you include it blank or just omit it.
6269822	Incorrect default ACE listed for resources in <code>csresource</code> merge.
6274603	External organizers get one reply per instance for recurring events when the attendee accepts all.
6274607	<code>Import</code> command puts in wrong organizer email address if organizer is external.
6274892	<code>cscal -v list</code> does not work.
6275605	<code>csstored.pl</code> not reporting warnings when there are more than two log files in the live calendar database.
6277086	Need a way to turn off <code>local.user.authfilter</code> for proxy authentication.
6355890	CSHTTPS hangs without error message if <code>local.ldap.cache.homedir.path</code> folder is invalid.  <i>Workaround</i> Change the <code>local.ldap.cache.homedir.path</code> to a valid folder name in <code>ics.conf</code> file and restart the services.
6371072	<code>func_events</code> test shows difference in output. DTEND value is not shown in the output message of <code>wcap</code> command

---

## Installation

Active Perl 5.8.3 is required to be pre-installed on the system if Instant Messaging, Messaging Server and Calendar Server are selected for installation.

## Command Line Utilities

### **start-cal and stop-cal utilities does not work from command line (6252512)**

Install and configure Calendar Server in Windows. From the installation folder of Calendar Server, if you try to start the calendar services using `start-cal` utility or stop the calendar services using `stop-cal` utility, it does not work.

#### *Workaround*

Start the Calendar Server utility Services from Start>Control Panel>Administrative Tools>Services. Right-click on the service name and click Start from the popup menu. The calendar services should be started in this order: ENS, Notification, Admin, HTTP.

To stop the Calendar Services, right-click on the service name and click Stop from popup menu. Stop the services in this order: HTTP, Admin, Notification, ENS.

For starting and stopping Calendar services, command-line bat files (`cs-start.bat` and `cs-stop.bat`) are available.

---

# Sun Java™ System Communications Express

These Release Notes contain important information available at the time of release of Sun Java System Communications Express 6 2005Q4 for Microsoft Windows. Known issues and limitations, and other information are addressed here.

These release notes contain the following sections:

- [About Communications Express 6 2005Q4](#)
- [Communications Express Supported Browsers](#)
- [Communications Express Installation Notes](#)
- [Communications Express Known Issues and Limitations](#)

## About Communications Express 6 2005Q4

Sun Java System Communications Express Version 6 2005Q4 provides an integrated web-based communication and collaboration client that consists of three client modules - Calendar, Address Book and Mail. The Calendar and Address Book client modules are deployed as a single application on any web container and are collectively referred as the Unified Web Client (UWC). Messenger Express is the standalone web interface mail application that uses the HTTP service of the Messaging Server.

## Communications Express Supported Browsers

Communications Express can be viewed using:

- Netscape™ Communicator 6.2.x, 7
- Internet Explorer™ 5.5 or higher
- Mozilla™ 1.0 or higher

## Communications Express Installation Notes

The following are the dependent services for Communications Express:

1. **Directory Server.** Install Sun Java System Directory Server version 5.2.
2. **Calendar Server.** Install Sun Java System Calendar Server Version 6.1.
3. **Web Server.** Install Sun Java System Web Server version 6.1 SP4 with JDK version 1.5.
4. **Messaging Server.** Install Sun Java System Messaging Server 6.2.
5. **Access Manager.** Install Sun Java System Access Manager 6.2.
6. **Application Server.** Install Sun Java System Application Server 8.1.

---

**NOTE** Communications Express has been tested and is supported only with the server versions mentioned above. The Communications Express for Sun Java Enterprise System 3 Release can be deployed only on Sun Java System Application Server 8.1. The Communications Express Configurator supports only the Domain Administration Server (DAS) deployment for Application Server 8.1.

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Refer to Chapter 2, “Installing and Configuring Communications Express” of *Sun Java System Communications Express Administration Guide* for instructions on how to install and configure Communications Express.

Refer to Chapter 4, “Implementing Single Sign-On” of *Sun Java System Communications Express Administration Guide* for instructions on how to configure Communications Express when Access Manager is deployed.

## Communications Express Known Issues and Limitations

This section contains a list of the known issues and limitations with Sun Java System Communications Express Version 6 2005Q4. The following topics are the known issues:

### **Deployment on Application Server is not supported**

Deployment of Communications Express on Application Server is not supported.

#### *Workaround*

None.

---

## Redistributable Files

Sun Java System Calendar Server 6 2005Q4 contains the following set of files for which Sun Microsystems, Inc. grants you a non-exclusive, non-transferable, limited license to reproduce and distribute in binary form.

In addition, you may copy and use but not modify the listed header files and class libraries solely to cause your resulting binaries to be able to interface with Sun’s software APIs.

Sample code is provided solely for reference purposes pursuant to creating the above mentioned binaries.

All the redistributable files for Calendar Server are for the plug-in API, known as CSAPI. The API is described in the *Sun Java System Calendar Server 6 2005Q1 Developer’s Guide* at:

[http://docs.sun.com/coll/CalendarServer\\_04q2](http://docs.sun.com/coll/CalendarServer_04q2)

In the following files, `cal_svr_base` is the directory into which Calendar Server was installed. The default for Windows is `<JESINSTALLDIR>\CalendarServer`, for Solaris is `/opt/SUNWics5/cal`, and for Linux is `/opt/sun/calendar`.

Redistributable files are found in various subdirectories of `cal_svr_base\csapi`:

- [authsdk](#)
- [bin](#)

- [classes](#)
- [include](#)
- [plugins](#)
- [samples](#)

## authsdk

The following are the redistributable files in this subdirectory (`cal_svr_base\csapi\authsdk`):

`cgiauth.c`

`expapi.h`

`login.html`

`nsapiauth.c`

## bin

The following are the redistributable files in this subdirectory (`cal_svr_base\csapi\bin`):

`libcsapi_xpcom10.dll`

`libicsexp10.dll`

## classes

The following are the redistributable files in this subdirectory (`cal_svr_base\csapi\classes`):

`ens.jar`

`jms.jar`

## include

The following are the redistributable files in this subdirectory (`cal_svr_base\csapi\include`):

`IIDS.h`

`nsIEnumerator.h`

## Redistributable Files

<code>csIAccessControl.h</code>	<code>nsIEventQueueService.h</code>
<code>csIAuthentication.h</code>	<code>nsIFactory.h</code>
<code>csICalendarDatabase.h</code>	<code>nsIPtr.h</code>
<code>csICalendarLookup.h</code>	<code>nsIServiceManager.h</code>
<code>csICalendarServer.h</code>	<code>nsIServiceProvider.h</code>
<code>csIDBTranslator.h</code>	<code>nsISizeOfHandler.h</code>
<code>csIDataTranslator.h</code>	<code>nsISupports.h</code>
<code>csIMalloc.h</code>	<code>nsISupportsArray.h</code>
<code>csIQualifiedCalidLookup.h</code>	<code>nsMacRepository.h</code>
<code>csIUserAttributes.h</code>	<code>nsProxyEvent.h</code>
<code>mozIClassRegistry.h</code>	<code>nsRepository.h</code>
<code>mozIRegistry.h</code>	<code>nsString.h</code>
<code>nsAgg.h</code>	<code>nsTraceRefcnt.h</code>
<code>nsCOMPtr.h</code>	<code>nsVector.h</code>
<code>nsCRT.h</code>	<code>nsUnicharUtilCIID.h</code>
<code>nsCom.h</code>	<code>nsXPCComCIID.h</code>
<code>nsDebug.h</code>	<code>nsXPCComFactory.h</code>
<code>nsError.h</code>	<code>nscore.h</code>
<code>nsHashtable.h</code>	<code>pasdisp.h</code>
<code>nsIAtom.h</code>	<code>publisher.h</code>
<code>nsICaseConversion.h</code>	<code>subscriber.h</code>
<code>nsICollection.h</code>	<code>xcDll.h</code>
<code>nsID.h</code>	<code>xcDllStore.h</code>

## plugins

This directory (`cal_svr_base\csapi\plugins`) has redistributable files in the following subdirectories:

- [accesscontrol](#)
- [authentication](#)
- [datatranslator](#)



- [userattributes](#)

## accesscontrol

The following redistributable files are found in this subdirectory (cal\_svr\_base\csapi\plugins\accesscontrol\):

csAccessControl.cpp

csAccessControl.h

csAccessControlFactory.cpp

## authentication

The following redistributable files are found in this subdirectory (cal\_svr\_base\csapi\plugins\authentication\):

csAuthentication.cpp

csAuthentication.h

csAuthenticationFactory.cpp

## datatranslator

The following redistributable files are found in this subdirectory (cal\_svr\_base\csapi\plugins\datatranslator\):

csDataTranslator.cpp

csDataTranslator.h

csDataTranslatorFactory.cpp

## userattributes

The following redistributable files are found in this subdirectory (cal\_svr\_base\csapi\plugins\userattributes\):

csUserAttributes.cpp

csUserAttributes.h

csUserAttributesFactory.cpp

## samples

This directory (cal\_svr\_base\csapi\samples) has redistributable files in the following subdirectories:

- [authentication](#)
- [datatranslator](#)
- [ens](#)
- [userattributes](#)

### authentication

The following redistributable files are found in this subdirectory (cal\_svr\_base\csapi\samples\authentication\):

authlogon.c

authlogon.h

authtest.c

csAuthenticationLocal.cpp

csAuthenticationLocal.h

csAuthenticationLocalFactory.cpp

### datatranslator

The following redistributable files are found in this subdirectory (cal\_svr\_base\csapi\samples\datatranslator\):

csDataTranslatorCSV.cpp

csDataTranslatorCSV.h

csDataTranslatorCSVFactory.cpp

## ens

The following redistributable files are found in this subdirectory (cal\_svr\_base\csapi\samples\ens):

apub.c

asub.c

rpub.c

rsub.c

## userattributes

The following redistributable files are found in this subdirectory (cal\_svr\_base\csapi\samples\userattributes):

csUserAttributesDB.cpp

csUserAttributesDB.cpp

csUserAttributesDBFactory.cpp

# How to Report Problems and Provide Feedback

If you have problems with Sun Java System Calendar Server, contact Sun customer support using one of the following mechanisms:

- Sun Software Support services online at <http://sunsolve.sun.com/pub-cgi/show.pl?target=help/collections>  
This site has links to the Knowledge Base, Online Support Center, and Product Tracker, as well as to maintenance programs and support contact numbers.
- The telephone dispatch number associated with your maintenance contract

So that we can best assist you in resolving problems, please have the following information available when you contact support:

- Description of the problem, including the situation where the problem occurs and its impact on your operation
- Machine type, operating system version, and product version, including any patches and other software that might be affecting the problem
- Detailed steps on the methods you have used to reproduce the problem
- Any error logs or core dumps

To assist in reporting problems, Sun provides the `capture_environment.pl` tool, a Perl script that captures the current Calendar Server environment, including the `ics.conf` file, log files, calendar database files, platform information, and core files (if available). These files can be useful to Calendar Server development to debug problems.

To run the `capture_environment.pl` tool:

1. If necessary, download the `capture_environment.pl` tool from customer support.
2. If necessary, install Perl and add it to your path. (If you cannot install Perl, see the instructions in the `capture_environment.pl` file that describe how to manually create a snapshot of your Calendar Server environment.)
3. Log in as (or become) `root`.
4. Run the `capture_environment.pl` tool. The tool copies the files to a directory named `archive_directory`. On UNIX systems, it places all files into a tar file named `tar_file`. On Windows 2000 systems, however, you must manually add the files in `archive_directory` to a Zip file.
5. Send the `tar_file` or Zip file to customer support.

# Sun Welcomes Your Comments

Sun is interested in improving its documentation and welcomes your comments and suggestions. Email your comments to Sun at this URL

<http://www.sun.com/hwdocs/feedback>

Please include the part number (819-4265-10) and title (*Sun Java System Calendar Server 6 2005Q4 Release Notes for Microsoft Windows*) in the subject line of your email.

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## Additional Sun Resources

Useful Sun Java System information can be found at the following Internet locations:

- Documentation for Sun Java System Calendar Server 6  
<http://docs.sun.com/app/docs/coll/1313.1>
- Sun Java System Documentation  
<http://docs.sun.com/app/docs/prod/entsys.05q4#hic>
- Sun Java System Professional Services  
<http://www.sun.com/service/sunps/sunone>
- Sun Java System Software Products and Service  
<http://www.sun.com/software>
- Sun Java System Software Support Services  
<http://sunsolve.sun.com/pub-cgi/show.pl?target=help/collections>
- Sun Java System Support and Knowledge Base  
<http://www.sun.com/service/support/software>
- Sun Support and Training Services  
<http://training.sun.com/>
- Sun Java System Consulting and Professional Services  
<http://www.sun.com/service/sunps/sunone>
- Sun Java System Developer Information  
<http://developers.sun.com/prodtech/index.html>
- Sun Developer Support Services  
<http://www.sun.com/developers/support>

Additional Sun Resources

- Sun Software Data Sheets  
<http://www.sun.com/software>

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