

Sun Java™ System Calendar Server Release Notes

Version 6 2004Q2

Part Number 817-5699-10

These Release Notes contain important information available at the time of the general release of Sun Java System Calendar Server 6 2004Q2, including:

- [“About Calendar Server, Version 6 2004Q2”](#) on page 2
- [“What’s New in Calendar Server 6 2004Q2”](#) on page 3
- [“Hardware/Software Requirements and Recommendations”](#) on page 10
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Read these Release Notes before you install and configure Calendar Server.

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

About Calendar Server, Version 6 2004Q2

Calendar Server is a scalable, web-based solution for centralized calendaring and scheduling for enterprises and service providers. Calendar Server supports personal and group 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 2004Q2](#).

Calendar Server offers two graphical user interfaces, Calendar Express and the new 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 2004Q2

Calendar Server 6 2004Q2 includes the following changes and new features:

- [“Linux Platform Support” on page 3](#)
- [“Installation Changes” on page 4](#)
- [“Configuration Changes” on page 4](#)
- [“New Database Version” on page 5](#)
- [“New Migration Utility for Recurring Events” on page 5](#)
- [“Web Calendar Access Protocol \(WCAP\) Changes” on page 6](#)
 - [Enhancements to Existing WCAP Commands](#)
 - [Four New WCAP Commands](#)
- [“Communications Express - New Client User Interface” on page 8](#)
- [“Known Problems Fixed in Calendar Server 6 2004Q2” on page 9](#)

Linux Platform Support

Java Enterprise System is now available on the Linux platform. The major differences in user experience will be the path names where product directories are installed. The Linux platform installs into a different directory than the Solaris platform.

The default installation locations are listed for the following:

- [Calendar Server](#)
- [Communications Express](#)
- [User Management Utility](#)

Calendar Server

The following table compares the directory paths of both platforms for Calendar Server:

Table 1 Comparison of Directory Paths Between Linux and Solaris Platforms

Solaris Directory	Linux Directory*
/opt/SUNWics5/cal/	/opt/sun/calendar
/etc/opt/SUNWics5/cal	/etc/opt/sun/
/var/opt/SUNWics5/cal	/var/opt/sun/

* For Linux: Since other Java Enterprise System component products besides Calendar Server are being installed in the various ../sun directories, you may want to create a separate directory under the various ../sun directories specifically for Calendar Server files. For example: /etc/opt/sun/calendar.

Communications Express

The default installation location in Linux for Communications Express is:

/opt/sun/uwc

User Management Utility

/opt/sun/comms/commcli

Installation Changes

The Calendar Server installer has been discontinued. You must use the Sun Java Enterprise System installer, with which you can also install other Sun component products and packages.

Consequently, the *Calendar Server Installation Guide* has been discontinued in favor of the *Sun Java Enterprise System 2004Q2 Installation Guide*.

Post-installation information (configuration) is now contained in the *Sun Java System Calendar Server 6 2004Q2 Administration Guide*.

Configuration Changes

Perform Calendar Server configuration as a separate step after the Sun Java Enterprise System installer has successfully installed Calendar Server 6 2004Q2. There are two configuration programs that must be run:

- comm_dssetup.pl
- csconfigurator.sh

Configuration issues and instructions on how to run the two configuration programs are covered in the *Sun Java System Calendar Server 6 2004Q2 Administration Guide*.

Note that if you are installing the new Communications Express user interface (UI), you must run a separate configuration program for it. For instructions on how to run the configuration program, see the *Sun Java System Communications Express 6 2004Q2 Administration Guide*. For more information about the Communications Express UI, see the [Communications Express - New Client User Interface](#) section in this document.

New Database Version

Calendar Server 6 2004Q2 uses Berkeley DB version 4.2. No migration service is required for new customers of Calendar Server 6 2004Q2.

If you have Calendar Server 6.0 installed, with Berkeley DB version 3.2.9, then you will not have to run `cs5migrate` to update the database to 4.2; it will be done automatically.

If you have a Calendar Server 5.x installation that uses Berkeley DB version 2.6, you must upgrade your calendar database to version 4.2. using the `cs5migrate` or `cs5migrate_recurring` utility. See [New Migration Utility for Recurring Events](#) that follows.

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

For information about migration, see the *Sun Java System Calendar Server 6 2004Q2 Administration Guide* at:

http://docs.sun.com/coll/CalendarServer_04q2

New Migration Utility for Recurring Events

Some applications, such as Sun Java System Connector for Microsoft Outlook require recurring events and tasks to be presented as a master component with exceptions. Earlier versions of Calendar Server did not offer this format for recurring events. Therefore, a new version of the `cs5migrate` utility, `cs5migrate_recurring`, has been introduced.

As well as all of the standard `cs5migrate` functionality, the new utility generates master component and exception records for the recurring events and tasks already in your database. 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 Outlook, run `cs5migrate` instead.

Contact technical support for the download location and documentation for either utility. Be sure to specify whether you are migrating recurring events and plan to use the Connector for Microsoft Outlook.

The 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`
- Creates master records with exceptions for all recurring events and tasks

CAUTION If your site has an earlier version of Calendar Server and is configured for limited virtual domain mode or with 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.

Web Calendar Access Protocol (WCAP) Changes

Changes were made to existing WCAP commands and four new commands were created to support Communications Express and the Connector for Microsoft Outlook.

Enhancements to Existing WCAP Commands

The following command changes were made:

- `doublebooking` parameter – Added to `set_calprops`. Allows or disallows double booking on calendars.
- `mailto: support` – The `calid` parameter can be specified as `mailto:` followed by an RFC 822 compliant address for the following commands:
 - `deletecomponents_by_range`
 - `deleteevents_by_id`
 - `deleteevents_by_range`

- deletetodos_by_id
- deletetodos_by_range
- export
- fetchcomponents_by_alarmrange
- fetchcomponents_by_attendee_error
- fetchcomponents_by_range
- fetchevents_by_range
- fetchtodos_by_range
- fetch_deletedcomponents
- get_calprops
- get_freebusy

The mail address is resolved to the `calid` of the user's default calendar.

- **emailorcalid parameter** – Determines whether the email address or the `calid` is returned in the `cal-address` part of the `ATTENDEE` and `ORGANIZER` property. This parameter has been added to the following commands:
 - fetchcomponents_by_alarmrange
 - fetchcomponents_by_attendee_error
 - fetchcomponents_by_lastmod
 - fetchcomponents_by_range
 - fetchevents_by_id
 - fetchtodos_by_id
- **Four new X-Tokens are now output by the `get_calprops` command:**
 - X-S1CS-CALPROPS-FB-INCLUDE
 - X-S1CS-CALPROPS-COMMON-NAME
 - X-S1CS-CALPROPS-INVITATION-COUNT
 - X-S1CS-CALPROPS-ALLOW-DOUBLEBOOKING
- **Three new parameters in `fetchcomponents_by_range`:**
 - `attrset` – Allows full or partial data to be returned.
 - `filter` – Name/value pair that represents a filter for data being returned.

- `invitecount` – If set, returns the open invitation count (those events needing action).
- `fbinclude` parameter – Added to `set_calprops`. This parameter specifies whether the calendar is used in the free-busy calculation.
- `subscribe` parameter – Added to `createcalendar`. This parameter puts the calendar into the user's subscription list.
- `unsubscribe` parameter – Added to `deletecalendar`. This parameter removes the calendar from the user's subscription list.

Four New WCAP Commands

The following new WCAP commands have been added to support the Connector for Microsoft Outlook:

- `list` – Lists the calendars this user owns.
- `list_subscribed` – Lists the calendars in the user's calendar subscription list.
- `subscribe_calendars` – Add the calendars specified to the user's calendar subscription list.
- `unsubscribe_calendars` – Remove the calendars specified from the user's calendar subscription list.

Communications Express - New Client User Interface

Calendar Server currently supports two client user interfaces (UI):

- Calendar Express (the old UI)

Calendar Express has been deprecated in favor of the new Communications Express user interface. Going forward, no new features will be added to the Calendar Express user interface. Only problems that cause application failure will be fixed. Sun Microsystems, Inc. will announce an end-of-life timeline for Calendar Express at a future date.
- Communications Express (new for this release)

Install Communications Express picking one of the following two scenarios:

- Fresh Installation – Use the Sun Java Enterprise System 2 installer to install both Calendar Server and Communications Express. Since Communications Express is an independently installed component, make sure you select it in the installation panel.
- After Upgrading to Calendar Server 6 2004Q2 – Use the update process found in the Sun Java Enterprise System Installation Guide to upgrade Calendar Server. Then, use the Sun Java Enterprise System installer to install the Communications Express component.

Communications Express has a separate configuration programs that must be run after installation is complete.

For further release note information on this new UI, see [Communications Express](#). In addition, Communications Express offers its own online help, as well as an Administration Guide and a Customization guide that can be found at:

http://docs.sun.com/coll/CalendarServer_04q2

Known Problems Fixed in Calendar Server 6 2004Q2

Table 2 describes the most important problems (bugs) fixed in the Calendar Server 6 2004Q2 release.

Table 2 Fixed Bugs in Calendar Server 6 2004Q2

Problem Number	Description
4690535	WCAP does not remove invalid XML UTF-8 characters.
4895362	Reminder list containing invalid user stops reminder from being sent.
4920536	csdomain accepts multi-byte characters, but csuser can't display them.
4923695	Calendar did not allow customizing location of the config file.
4935282	Fetch for master component can return a non-recurring event.
4951065	cs5migrate does not convert existing recurring events to a master record plus exceptions.
4948511	The basic cs5migrate still does not, but an enhanced version that does is available from technical support.
4951991	Email notification not sent if creating or modifying an event and the attendee parameter has the common name specified.
4977423	DWP fails regularly on different backends.
4982336	Replying to one instance of an allday recurring event gives error.
4988306	After running Calendar Server configuration program, can't start or stop Messaging Server.
4991434	Configuration failed for certain Base DN values.
4992483	Link creation problem after configuration program ran.
4992998	Configuration program not handling config directory properly.
4909036	Reminder emails not displaying Euro symbol correctly.
5049203	Linux: chsttpd not coming up when configured in SSL mode.
5052128	Linux: chsttpd hangs when DWP (CLD) is enabled.
5054113	Linux: Installing with /opt as base directory changes ownership of all point products.

Hardware/Software Requirements and Recommendations

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

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

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.

More specifically, due to big-endian versus small-endian incompatibility, you can't use both an x86 platform machine and a Sparc platform machine in the same Calendar Server deployment containing front-end and back-end machines.

Moreover, mixing Solaris x86 and Linux operating systems for front-end and back-end machines has not been tested and is not currently supported.

Hardware Requirements and Recommendations

- Approximately 500 MB of disk space for typical installation. For production systems, at least 1 GB.
- 128 MB of RAM. For production systems, 256 MB to 1 GB 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

- Solaris™ 9 (5.9) Operating System (SPARC® Platform Edition)
- Solaris™ 9 (5.9) Operating System (x86 Platform Edition)

- Solaris™ 8 (5.8) Operating System (SPARC® Platform Edition)
- Red Hat Enterprise Linux AS 2.1

Recommended Browsers for Client Computers

Sun Java System Calendar Express 6 2004Q2 requires a JavaScript-enabled browser. For optimal performance, the following browsers are recommended:

Table 3 Recommended Browser Versions for Calendar Server 6

Browser	Solaris Systems	Windows	Macintosh
Netscape™ Communicator	7.0	7.0	—
Microsoft Internet Explorer	—	5.5 or 6.0	6.0
Mozilla	1.2 or 1.4	1.2 or 1.4	—

Pre-Installation Notes

This section contains information you should know before you install Calendar Server 6 2004Q2, including:

- [“Front-End and Back-End Machines and Operating Systems” on page 12](#)
- [“OS Patches” on page 12](#)
- [“Required Privileges” on page 12](#)
- [“Java Enterprise System Installer” on page 13](#)
- [“Calendar Server Configuration Program” on page 14](#)
- [“Where to Find Calendar Server Data and Utilities” on page 14](#)
- [“Directory Server Performance” on page 15](#)
- [“Communications Express Using Schema 1” on page 17](#)
- [“Provisioning Tools” on page 17](#)
- [“Calendar Server 6 Documentation” on page 18](#)

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.

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.

More specifically, due to big-endian versus small-endian incompatibility, you can't use both an x86 platform machine and a Sparc platform machine in the same Calendar Server deployment containing front-end and back-end machines.

Moreover, mixing Solaris x86 and Linux operating systems for front-end and back-end machines has not been tested and is not currently supported.

For more information about installing Calendar Server on front-end and back-end machines, see the *Sun Java System Calendar Server 6 2004Q2 Administration Guide* at:

http://docs.sun.com/coll/CalendarServer_04q2

OS Patches

You must apply the required operating system patches before installing Calendar Server 6 2004Q2. Refer to the *Sun Java Enterprise System 2004Q2 Release Notes* for a list of required patches.

Required Privileges

To run the Sun Java™ Enterprise System installer or the Calendar Server 6 2004Q2 configuration program on Solaris Systems, you must log in as or become superuser (`root`).

Java Enterprise System Installer

Install Calendar Server 6 2004Q2 using the Sun Java™ Enterprise System installer. The Java Enterprise System installer installs the Sun component product packages, including Calendar Server 6 2004Q2, and the shared components that are used by the various products.

This section covers the following topics:

- [Default Installation Directory](#)
- [Linux RPM Files](#)
- [Upgrading From an Earlier Version of Calendar Server 6](#)

Default Installation Directory

The default installation directory (`cal_svr_base`) for Solaris packages (`SUNWics5` and `SUNWica5`) is:

```
/opt/SUNWics5
```

The default installation directory (`cal_svr_base`) for Linux packages (for core and API) is:

```
/opt/sun/calendar
```

Linux RPM Files

Table 4 lists the Linux RPM packages for the various Calendar Server related components.

Table 4 Linux RPM packages for Calendar Server Related Components

Component	RPM File
Calendar Server	sun_calendar-core-6.1-9.i386.rpm sun-calendar-api-6.1-9.i386.rpm Localized files: sun-calendar-core-es-6.1-9.i386.rpm sun-calendar-core-ko-6.1-9.i386.rpm sun-calendar-core-fr-6.1-9.i386.rpm sun-calendar-core-zh_CN-6.1-9.i386.rpm sun-calendar-core-de-6.1-9.i386.rpm sun-calendar-core-ja-6.1-9.i386.rpm sun-calendar-core-zh_TW-6.1-9.i386.rpm
Communications Express	sun-uwc-6.1-5.i386.rpm
User Management Utility	sun-commcli-client-1.1-8.i386.rpm sun-commcli-server-1.1-8.i386.rpm

Upgrading From an Earlier Version of Calendar Server 6

Do not attempt to upgrade Calendar Server using the Sun Java Enterprise System installer. You must use the `patchadd` process. Find instructions for upgrading from Calendar Server 2003Q4 (6.0) to the current release in the *Sun Java Enterprise System 2004Q2 Installation Guide*.

See also the *Sun Java Enterprise System 2004Q2 Release Notes*.

These and other related documents can be found at:

http://docs.sun.com/coll/entsys_04q2

Calendar Server Configuration Program

After installing Calendar Server, 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 (`csconfigurator.sh`) to configure your site's specific requirements.

For instructions, refer to the *Sun Java System Calendar Server 6 2004Q2 Administration Guide*.

Where to Find Calendar Server Data and Utilities

For Java Enterprise System Release 2, Calendar Server provides the links shown in [Table 5](#).

Table 5 Directory Locations

File Names	Solaris Locations	Linux Locations*
Administrator utilities: start-cal, stop-cal, csattribute, csbackup, cscal, cscomponents, csdb, csdomain, csexport, csimport, csmonitor, csplugin, csplugin, csrename, csresource, csrestore, csschedule, csstats, cstool, and csuser Migration utilities: csmig, csvdmig, and ics2migrate Scripts: icsasm, legbackup.sh, legrestore.sh, and private2public.pl	/opt/SUNWics5/cal/sbin	/opt/sun/calendar/sbin
Administrator utilities: csstart and csstop	/opt/SUNWics5/cal/lib	/opt/sun/calendar/lib
Configuration files: ics.conf, version.conf, counter.conf, and sslpassword.conf LDAP server update files: 60iplanet-calendar.ldif, ics50-schema.conf, and um50-common-schema.conf	After installation: /opt/SUNWics5/cal/config-template During configuration, the various files from the above directory are moved to the locations specified by the configuration options you choose.	/opt/sun/calendar/config-template
Mail formatting (*.fmt) files	/etc/opt/SUNWics5/cal/config/language where language is en, de, es, fr, ja, ko, zh-TW, or zh-CN.	/etc/opt/sun/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	/etc/opt/SUNWics5/cal/config/schema comm_dssetup.pl writes these files to the Directory Server.	/etc/opt/sun/config/schema
Library (.so) files	/opt/SUNWics5/cal/lib	/opt/sun/calendar/lib
SSL utilities: certutil and modutil		
Session database	/opt/SUNWics5/cal/lib/http	/opt/sun/calendar/lib/http

The Linux installer does not add “calendar” to your /etc/opt/sun path names automatically. During configuration, do not take the default path offered. Add “calendar” to the path names.

Table 5 Directory Locations (*continued*)

File Names	Solaris Locations	Linux Locations*
Counter statistics files: counter and counter.dbstat	/opt/SUNWics5/cal/lib/counter	/opt/sun/calendar/lib/counter
timezones.ics file	/opt/SUNWics5/cal/data	/opt/sun/calendar/data

The Linux installer does not add “calendar” to your /etc/opt/sun path names automatically. During configuration, do not take the default path offered. Add “calendar” to the path names.

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 the following attributes:

- icsCalendar
- icsCalendarOwned
- mail
- mailAlternateAddress

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 2004Q2* documentation at:

http://docs.sun.com/coll/DirectoryServer_04q2

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 are two issues with Schema 1 in Communications Express:

- If you are running Communications Express with Sun LDAP Schema 1, before running the Communications Express configuration program, you must add the DC root node to your LDAP using `ldapmodify`. The entry should look like this:

```
dn: o=internet
objectClass: organization
o: internet
description: Root level node in the Domain Component (DC) tree
```

- 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:

- [“User Management Utility” on page 18](#)
- [“Calendar Server Utilities” on page 18](#)

NOTE Do not attempt to provision users through the Identity Server Console. Because the Identity Server interface does not provide input validation, it is possible to create user entries that can't receive email, or otherwise do not function. No errors would be reported.

User Management Utility

The Communications Services User Management Utility is the recommended mechanism for provisioning Calendar Server and Messaging Server for Schema 2. This utility assumes hosted domains, but you can specify the `-k legacy` option to create users suitable for a non-hosted domains environment. If you want hosted domains, be sure to configure Calendar Server to support hosted domains before using this utility (see the *Sun Java System Calendar Server 6 2004Q2 Administration Guide*).

Calendar Server Utilities

For provisioning Calendar Server in Schema 1 mode, use the calendar utilities provided with the product and described in the *Sun Java System Calendar Server 6 2004Q2 Administration Guide*.

Calendar Server 6 Documentation

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

- *Sun Java System Calendar Server 6 2004Q2 Release Notes* (817-5699)
- *Sun Java System Calendar Server 6 2004Q2 Administration Guide* (817-5697)
- *Sun Java System Calendar Server 6 2004Q2 Developer's Guide* (817-5698)
- *Sun Java System Communications Express 6 2004Q2 Administration Guide* (817-5416)

- *Sun Java System Communications Express 6 2004Q2 Customization Guide (817-6243)*
- *Sun Java System Communications Services 6 2004Q2 User Management Utility Administration Guide (817-5703)*
- *Sun Java System Communications Services 6 2004Q2 Schema Reference (817-5702)*
- *Sun Java System Communications Services 6 2004Q2 Schema Migration Guide (817-5701)*
- *Sun Java System Communications Services 6 2004Q2 Event Notification Service Guide (817-5700)*

Calendar Express 6 2004Q2 Online Help is available with the Calendar Express software.
Communications Express 6 2004Q2 Online Help is available with the Communications Express software.

Calendar Server 6 2004Q2 documentation is available on the following Web site:

http://docs.sun.com/coll/CalendarServer_04q2

Known Issues and Limitations

This section contains tables that list of the more important known issues at the time of the Calendar Server 6 release:

- [Limitations](#)
- [Reported Problems](#)
- [Problems Reported that are Now Fixed](#)

Limitations

The following limitation is known at this time:

- [Pop-up Blockers](#)
- [Indexing attributes](#)
- [Provisioning Users for Communications Express in Schema 1 Mode](#)
- [Multiple Domains \(Hosted Domains\)](#)

Pop-up Blockers

Limitation: 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.

Indexing attributes

Limitation: The `comm_dssetup.pl` script indexes certain attributes to help the efficiency of searching for data. The following attributes should be indexed, but have not yet been implemented: `o`, `sunPreferredDomain`, `associatedDomain`, and `sunOrganizationAlias`.

Workaround: Perform the indexing yourself. Instructions for adding indexes can be found in the Directory Server documentation:

<http://docs.sun.com/source/817-5221/indexing.html>

Provisioning Users for Communications Express in Schema 1 Mode

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

Workaround: Enable the user using `ldapmodify`.

Multiple Domains (Hosted Domains)

Limitation: 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 add the domains yourself using the User Management Utility, 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 2004Q2 Administration Guide*.

Reported Problems

Table 6 lists problems reported on the product. The problem number is a link to further explanation and the workaround.

Table 6 Known Issues for 2004Q2

Problem Number	Short Description
4709785	UI defaults to English for anonymous login.
4902248	Spurious intermittent error message: Unable to delete Session database: it may not exist yet.
4905737	Need to improve the UI quality on IE 6.0 (irregular font size illegible)
4909281	Related to bug 4898611. Double-byte characters in <code>calids</code> generated by <code>csuser</code> cause errors in Calendar Express.
4927112	Leading white space in <code>ics.conf</code> causes fatal error when initializing configuration.
4927620	Misleading error messages if you uninstall <code>SUNWics5</code> before running the <code>csconfiguration.sh</code> program.
4957503	Data loss and button problems occur after resizing windows on GNOME 2.0 desktops.
4962533	Multibyte characters in HTML format string are corrupted in Event Title and Description.
4964855	Various <code>csdomain</code> errors.
4961879	
4989522	For a recurring meeting, if the attendee accepts the first date and then opens the next instance and declines the whole series (this and forward), the entire series including the first instance are marked as declined.
4990522	Can't start Calendar Server. Error message: “Fatal error: must run command as the calendar server user, root not allowed.” Related to 5012766 .
4994609	In a recurring all-day event with attendees, reply fails with an error 14.

Table 6 Known Issues for 2004Q2 (*continued*)

Problem Number	Short Description
5000974	Running <code>csconfigurator.sh</code> . Every time it runs, it appends <code>/var/opt/SUNWics5/csdb</code> to the path for the following two <code>ics.conf</code> parameters: <code>caldb.cld.cache.homedir.path</code> , <code>local.ldap.cache.homedir.path</code> .
5012766	Configuration program shows a default of <code>icsuser</code> and <code>icsgroup</code> as the runtime user IDs, but if you just accept the default, it really is using “root” instead and allows you to continue with configuration. But the calendar services will not start afterward.
5015847	Configuration program in silent mode still needs user interaction.
5016107	All-day event reminders aren’t sent out until halfway through the day.
5016169	Spurious error message generated while autoprovisioning: attribute <code>icsSubscribed</code> is not allowed.
5017044	Wrong WCAP version number being written by Java Enterprise System installation program in post-install script.
5018700	In some circumstances <code>search_calprops</code> returns garbled data.
5019977	SSL fails to work in SSLv2 mode.
5021888	Javascript error in tab with users calendars. (French version)
5026832	Need a simpler solution for accessing user information. Setting up <code>ldaproxy</code> causes problems.
5028320	In GUI configuration, when the <code>calmaster</code> can’t be found in LDAP, an error message displays. The second choice is garbled. It should read “Don’t Create”.
5032289	If you create a recurring series of events, then delete part of the series using <code>deletecomponents_by_range</code> , <code>exdates</code> are not generated for those instances. Only Outlook uses recurring, but it never uses that command.
5032782	Blank baseDN, or Directory Manager DN causes the configuration wizard to hang.
5034820	If a <code>get_freebusy</code> command issued with <code>noxtokens=1</code> results in an error, the <code>X-NSCP_WCAP_ERRNO</code> is stripped out of the output also. The user does not get an error message.
5036344	Using Outlook to invite a user, all of the user’s calendars are invited, even the free-busy only ones.
5038748	Problems in task reminder for Simplified and Traditional Chinese.
5038751	Start and Due time need translation in event reminder email in Simplified Chinese.
5039139	Window layout issues in the recurrence window in Simplified and Traditional Chinese.
5039152	Need good translation in Options->Setting for Simplified and Traditional Chinese.
5040268	If an attendee is invited to a single instance of a recurring event, he gets only that copy. There is no master record.
5040270	If the organizer removes an attendee from a single instance of a recurring event, the <code>exdate</code> is not generated on the attendees calendar. The master component however shows the instance as an <code>rdate</code> (if it was an exception before). This causes the <code>fetch</code> command to fail because it can’t retrieve the exception.

Table 6 Known Issues for 2004Q2 (continued)

Problem Number	Short Description
5040715	storeevents command fails to invite primary email addresses of newly provisioned users who have not yet logged into calendar (do not have a default calendar).
5044506	csca1 can't create calendar with non-ASCII characters in display name.
5046581	Default user calendar display name layout is improper for Asian names.
5046589	Wrong date range format under Options->Import/Export for Korean locale.
5046597	Improper date format displaying under Preview for all day event in Korean.
5046601	Due date format not in proper format under Task List dialog for Korean.
5049404	Linux: Running the GUI based configuration program in Simplified Chinese, Traditional Chinese and Korean characters in square or junk characters.
5050077	Need to force -k flag for calendar user creation with commadmin.
5050129	Add an additional configuration question for virtual (hosted) domain support. Related to 5050077 .
5053566	Linux: Calendar Server files installed by default under /etc/opt/sun/ and /var/opt/sun
5054291	Linux: csdomain -a option causes segmentation fault.
5054298	Linux: Locking region error in start.log.
5056197	Wrong date is set in yearly repeating event or task. (L10N)
5056220	Yearly repeating task increases one more year when modified.
5059933	Fatal Error 70: Cannot start Alarm Dispatch thread. For front-end/back-end configurations.
5060062	Documentation Incorrectly describes OIDs for two LDAP schema object classes.
5060114	

4709785

Problem: UI defaults to English for anonymous login.

Workaround: None

4902248

Problem: After stopping cshttpd and csadmind, and then issuing: `csdb -q delete`, an intermittent spurious error shows up in the error logs and can stop scripts from completing. The error message is informational only and should not appear in the error logs.

Workaround: Ignore the message, or filter for it in scripts that check the logs for errors. The exact wording is: Unable to delete Session db; it may not exist?

4905737

Problem: Need to improve the UI quality on IE 6.0 (irregular font size illegible).

Workaround: None

4909281

Problem: Using `csuser` it is possible to enter an ISO88591 (special or double-byte) character in the user id.

Cause: `csuser` does not validate the characters used for the `calid/uid`.

Workaround: Use the User Management Utility to provision create users. When using `csuser` only use characters that meet the following criteria:

- Calendar IDs are case sensitive. For example, `JSMITH` is not equivalent to `jsmith`. (This distinction differs from email addresses, which are not case sensitive. For example, `jsmith@sesta.com` is equivalent to `JSMITH@SESTA.COM`.)
- A calendar ID cannot contain spaces and is limited to the following characters:
 - Alphabetic (a-z, A-Z) and numeric (0-9) characters (non-ASCII characters are not allowed)
 - Special characters: period (`.`), underscore (`_`), hyphen or dash (`-`), at sign (`@`), apostrophe (`'`), percent sign (`%`), slash (`/`), or exclamation point (`!`)

NOTE For hosted domains, the at sign (`@`) is the exception to the above rule. For example, for a hosted domain, the `calid` might be: `jdoe@sesta.com`.

4927112

Problem: Leading white space (blank) in `ics.conf` parameters causes fatal error when initializing configuration.

Workaround: Remove any leading blanks in the `ics.conf` parameters.

4927620

Problem: Misleading error messages if you uninstall `SUNwics5` before running the `cscconfiguration.sh` program.

Workaround: Ignore them; the uninstall was actually successful. Verify that the directories are gone.

4957503

Problem: Data loss and button problems occur after resizing windows on GNOME 2.0 desktops.

Workaround: None. The problem can't be addressed through Calendar Server. This is a GNOME issue.

4962533

Problem: For internationalized versions using Internet Explorer, multibyte characters in HTML format string are corrupted in the Event Title and Description in spite of correct `ics.config` settings.

Workaround: None.

4964855

4961879

Problem: Various `csdomain` errors.

Workaround: Don't use `csdomain`, use the User Management Utility (`commadmin`), or `ldapmodify`.

4989522

Problem: For a recurring meeting, if the attendee accepts the first date and then opens the next instance and declines the whole series (this and forward), the entire series including the first instance are marked as declined. If you export the data at that point, the first instance shows as an exception, but its reply status is overwritten.

Workaround: None

4990522

Problem: Can't start Calendar Server. Fatal error: must run command as the calendar server user, root not allowed.

Cause: The configuration program has not been run against the installation. This can be triggered by backing out a patch, if the configuration program was run against the patched installation instead of the original installation. Uninstalling a patch restores the system to the state it was in before the patch was applied. In this case, it is restored to an unconfigured state.

Workaround: Run the configuration program again. Or, run the configuration program against the fresh Calendar Server installation before applying the patch. Then if the patch is backed out, the configuration will not have to be redone.

4994609

Problem: In a recurring all-day event with attendees, reply fails with an error 14. Does not accept a DATE as the value for the RECURRENCE-ID, which violates RFC2445. Currently WCAP only accepts a DATE-TIME value for the RECURRENCE-ID.

Workaround: None

5000974

Problem: Every time the csconfigurator.sh is run, it appends /var/opt/SUNWicse/csdb to the value of two ics.conf parameters: caldb.cld.cache.homedir.path, local.ldap.cache.homedir.path

Workaround: Edit the two ics.conf parameters to remove redundant path notation.

5012766

Problem: The configuration program, csconfigurator.sh, asks for the runtime user IDs, suggesting that icsuser and icsgroup are the default settings. If you accept the defaults, the program gives you a warning “User ID root has root (super-user) privileges. This is not recommended. Are you sure you want the calendar server installed and run with the super-user?” The program will accept your affirmative answer, and continue. After configuration, calendar services can't be started.

Cause: The wrong default is being used by the configuration program. And it should not continue with an invalid input.

Workaround: Specifically key in icsuser and icsgroup as the runtime user IDs. Do not just click Enter to accept the defaults.

5015847

Problem: Silent configuration needs user interaction.

Workaround: None

5016107

Problem: All-day event reminders aren't sent out until halfway through the day.

Workaround: None

5016169

Problem: Spurious error message generated while autoprovisioning: attribute icsSubscribed is not allowed.

Workaround: None

5017044

Problem: Wrong WCAP version number being written by Java Enterprise System installation program in post-install script.

Workaround: None

5018700

Problem: search_calprops sometimes returns jumbled data.

Workaround: None

5019977

Problem: SSL fails to work in SSLv2 mode. This appears to be a problem when Calendar Server is deployed along with other component products such as Messaging Server, Web Server, Portal Server, Directory Server who have been configured into SSLv2 mode only and shares the same certificates for the SSL communication purpose.

Workaround: None

5021888

Problem: Javascript error is tab with users calendars. (French)

Workaround: None

5026832

Problem: Need a simpler method of accessing user information. Setting up ldapproxy is prone to error.

Workaround: None

5028320

Problem: GUI mode configuration does not display correct string for missing calmaster. When the calmaster can't be found in LDAP, an error message displays with two options. The second one is garbled.

Workaround: None. The string should read: Don't Create.

5032289

Problem: If you create a recurring series of events, then delete part of the series using `deletecomponents_by_range`, EXDATEs are not generated for those instances.

Workaround: None

5032782

Problem: If you click Next with a blank baseDN, or blank Directory Manager DN, it causes the configuration wizard to hang.

Workaround: None.

5034820

Problem: If a `get_freebusy` command issued with `noxtokens=1` results in an error, the `X-NSCP_WCAP_ERRNO` is stripped out of the output also. The user does not get an error message.

Workaround: None

5036344

Problem: Using Outlook to invite a user, all of the user's calendars are invited, even the free-busy only ones.

Workaround: None

5038748

Problem: Problems in task reminder for Simplified and Traditional Chinese.

Workaround: None

5038751

Problem: Start and Due time need translation in event reminder email in Simplified Chinese.

Workaround: None

5039139

Problem: Window layout issues in the recurrence window in Simplified and Traditional Chinese.

Workaround: None

5039152

Problem: Need good translation in Options->Setting for Simplified and Traditional Chinese.

Workaround: None

5040268

Problem: If an attendee is invited to a single instance of a recurring event, he gets only that copy. There is no master record.

Workaround: None

5040270

Problem: If the organizer removes an attendee from a single instance of a recurring event, the EXDATE is not generated on the attendees calendar. The master component however shows the instance as an RDATE (if it was an exception before). This causes the fetch command to fail because it can't retrieve the exception.

Workaround: None

5040715

Problem: The storeevents command fails to invite primary email addresses of newly provisioned users who have not yet logged into Calendar (do not have a default calendar).

Workaround: None

5044506

Problem: cscal can't create calendar with non-ASCII characters in the display name.

Workaround: None.

5046581

Problem: Default user calendar display name layout is improper for Asian names.

Workaround: None

5046589

Problem: Wrong date range format under Options->Import/Export for Korean locale.

Workaround: None

5046597

Problem: Improper date format displaying under Preview for all day event in Korean.

Workaround: None

5046601

Problem: Due date format not in proper format under Task List dialog for Korean.

Workaround: None

5049404

Problem: Linux: Running the GUI configuration program displays Simplified Chinese, Traditional Chinese and Korean characters in square or junk characters.

Workaround: None

5050077

Problem: Need to force `-k` flag for calendar user created by `commadmin`. If you are working in a non-hosted environment and using `commadmin` to provision users, you must specify `-k legacy` so that the calendar ID (`calid`) is the simple form, such as, `jdoe`, rather than the compound `calid` format required for hosted domains, such as, `jdoe@sesta.com`. Conversely, if you are working in a hosted domain environment (the `ics.conf` has been configured for it), then you would want the default value to be taken (`-k hosted`) so that `calids` are fully qualified, (`jdoe@sesta.com`). Related to 5050129, 5046517.

Workaround: If you are now using hosted domains, but some of your users have the simple (non-fully qualified) `calid`, then run the Calendar Server utility `csvdmig`. It creates fully qualified `calids` for existing calendars in your LDAP database, and updates the corresponding events and tasks in the calendar database to reference the new fully qualified `calids`.

5050129

Problem: Need to add an additional configuration question for the User Management Utility (`commadmin`) that specifies whether users are created in hosted domains (hosted mode) or in a single domain (legacy mode). This question would set a parameter in the `cli-userprefs.properties` file. Then, the default mode would be set at configuration time. Currently, the default mode is `hosted` and a user must specify `-k legacy` for each user created in single domain mode. Related to 5050077, 5046517.

Workaround: If you are now using hosted domains, but some of your users have the simple (non-fully qualified) `calid`, then run the Calendar Server utility `csvdmig`. It creates fully qualified `calids` for existing calendars in your LDAP database, and updates the corresponding events and tasks in the calendar database to reference the new fully qualified `calids`.

5053566

Problem: Calendar Server configuration program creates config and log files under the wrong directory (`/etc/opt/sun` and `/var/opt/sun`), such that the config files are under `/etc/opt/sun/config` and log files are under `/var/opt/sun/logs`.

Workaround: When running `csconfigurator.sh`, add `/calendar` to the suggested defaults. For example: `/etc/opt/sun/calendar/config, /var/opt/sun/calendar/logs`.

5054291

Problem: `csdomain -a` causes a segmentation fault. Trying to add a domain, specifying `domainAccess`.

Workaround: None

5054298

Problem: Locking region error in `start.log`. First `csstart` releases a lock and then a second `csstart` tries to release the same lock. This error has no major effect on functionality.

Workaround: None

5056197

Problem: Wrong date is set in yearly repeating events and tasks. This happened when the Due Date was set to before the first instance of the event or task would occur.

Workaround: Adjust the due date to fall after the first instance of the event or task.

5056220

Problem: When a yearly repeating task is modified, the year advances by one.

Workaround: None.

5059933

Problem: Fatal Error 70: Cannot start Alarm Dispatch thread. When front-end/back-end configurations are specified.

Workaround: When configuring Front-End and Back-End servers, the front-end server `ics.conf` file should be configured such that:

```
service.ens.enable = "no"
caldb.serveralarms="0"
caldb.serveralarms.dispatch="no"
```

5060062

5060114

Problem: Documentation Incorrectly describes OIDs for two LDAP schema object classes. The *Sun Java System Communications Services 6 2004Q2 Schema Reference* documents incorrect OIDs for the following object classes:

- `icsCalendarUser`
- `icsCalendarResource`

The correct OIDs are as follows:

- icsCalendarUser - 1.3.6.1.4.1.42.2.27.9.2.44
- icsCalendarResource - 1.3.6.1.4.1.42.2.27.9.2.45

Workaround: Edit the `99user.ldif` file to replace the incorrect OIDs with the new ones. Then, restart the Directory Server.

Problems Reported in Beta that are Now Fixed

Table 7 Reported Beta Problems Fixed for General Release

Problem Number	Short Description
4920542	<code>csdomain add</code> command does not add <code>icsCalendarDomain</code> , which is necessary if you are using hosted domains in a Schema 1 environment.
4922433	
4963221	<code>csconfigurator.sh</code> does not add <code>icsCalendarDomain</code> to default domain.
4982126	After backing out of a patch, services fail to start
4984818	Linux configuration program fails to obtain the <code>baseDN</code>
4985003	After Linux configuration, too many processes started.
4998064	<code>csadmin</code> won't start when configured with SSL enabled.
5004104	<code>csadmin</code> fails to start after SSL enabled Calendar Server installed.
5004157	SSL not functioning in some mixed version scenarios.
5004163	
5010331	<code>import.wcap</code> returns wrong error code when incorrect parameter sent in. Returns 60.
5010340	<code>import.wcap</code> returning error 53 when it should be returning error 29.
5011077	<code>commadmin</code> (User Management Utility) fails in <code>config-wbsvr</code> task. Configuration of the provisioning tool, <code>commadmin</code> , fails after installing Portal Server.
5011968	<code>cshttpd</code> fails to start.
5012131	<code>dssetup.zip</code> file not included in the Calendar Server package.
5012170	<code>comm_dssetup.pl</code> fails.
5012478	Cannot change user password after accessing calendar.
5012596	Pop-up window should have been closed, but it is still open.
5014529	<code>cs5migrate -t</code> option not explained in the Calendar Server Administration Guide.
5016212	<code>csmig</code> utility error. Delete log problem.
5017175	Running <code>csdb</code> results in loss of deleted master.

Problem Number	Short Description
5029465	<code>csresource -o</code> option doesn't work. "Error modifying calendar properties, error=-1"
5041023 5050372	Authentication does not use a configurable filter for user lookup. (Request to authenticate with mail attribute instead of uid.)
5042276	Trusted circle SSO not working between Calendar Server and Messaging Server.
5049203 5052128	Linux: <code>cshttpd</code> not coming up when configured with SSL.
5053759	<code>cscale -o</code> is case-sensitive, but the calendar login is case insensitive.

4920542

4922433

4963221

Problem: Various failures, such as errors on `fetchcomponents` commands, or in the calendar utilities, such as `csdomain`: "LDAP error 32: No such object."

Cause: You have hosted domains in a Schema 1 environment, but the `icsCalendarDomain` object class is not present in the domain entry.

There are two issues:

- The `csconfiguration.sh` program does not add `icsCalendarDomain` to the default domain.
- The calendar utility `csdomain add` does not add `icsCalendarDomain`.

Fix: `csdomain` works correctly. The configuration program adds `icsCalendarDomain` to the default domain.

4982126

Problem: Can't open calendar database. After uninstalling Calendar Server 6 2004Q2, services fail to start.

Cause: For Calendar Server 6 2004Q2, the Berkeley DB version was upgraded. The uninstall does not revert your database to the earlier version.

Workaround: To revert to the Calendar Server 6.0 (2003Q4) version of your system, back up the LDAP database before you install Calendar Server 6 2004Q2, then restore from the backup copy.

4984818

Problem: Linux configuration program fails to obtain the `baseDN` when you use “get” function for the field value.

Fix: Fixed in Calendar Server 6 2004Q2.

4985003

User perception error. Linux `ps` command shows threads not processes.

4998064

Problem: `csadmin` won't start when configured with SSL enabled.

Fix: With SSL configured, the value of `service.admin.port.enable` is “no”.

5004104

Problem: DWP fails to start if `service.http.ssl.usessl=“yes”` set in the `ics.conf` file.

Cause: Currently configuring SSL with DWP or CLD is unsupported.

Workaround: Set the `ics.conf` parameter to “no”:

```
sservice.http.ssl.usessl="no"
```

5004157

5004163

Problem: SSL may not function in a mixed deployment, due to `certdb` version conflicts.

Solution: All of the following products and components installed on the same machine must be upgraded to the same release, so that `cert8db` can be used:

- Calendar Server
- Messaging Server
- Administration Server
- Shared components

5010331

Problem: `import.wcap` returns wrong error number (60) when incorrect parameter sent in.

Fix: Fixed in the general release of Calendar Server 6 2004Q2. A new error number was created: 77 `AC_ERR_BAD_IMPORT_ARGUMENTS`.

5010340

Problem: `import.wcap` returns wrong error number (53) when `calid` is invalid or the calendar is not found. Should be sending error 29.

Fix: Fixed in the general release of Calendar Server 6 2004Q2. Error number 29 sent instead.

5011077

Problem: `commadmin configure` fails in `config-wbsvr` task. Configuration of the provisioning tool, `commadmin`, fails after installing Portal Server.

Fix: Fixed in the general release of Calendar Server 6 2004Q2.

5011968

Problem: `cshttpd` fails to start. Log file shows: "Fatal error: 70: Cannot open cld cache data base" Invalid argument passed.

Cause: This can happen when Calendar Server 6.0 was installed and then the 2004Q2 patch is added. The process is trying to regenerate the `__db.00?` and `log.000*` files in the `csdb`, `cld_cache` and `ldap_cache` directories, but files left over from 6.0 are still there, which causes the error message.

Workaround: Remove any leftover `__db.00?` and `log.000*` files in the `csdb`, `cld_cache` and `ldap_cache` directories before starting `cshttpd` for the first time after the upgrade.

5012131

Problem: `comm_dssetup.pl .zip` file not included in the Calendar Server package.

Fix: `comm_dssetup.pl.zip` now included in Calendar Server package.

5012170

Problem: `comm_dssetup.pl` fails. Cannot access `install-root/SUNWics5/cal/sbin/*ldif`.

Fix: The symbolic link is now set up properly:

5012478

Problem: Cannot change user password after accessing calendar.

Fix: This is fixed in general release of Calendar Server 6 2004Q2.

5018238

Problem: `sunlogo.gif` is broken in zh locale online help.

Fix: Fixed in general release of Calendar Server 6 2004Q2.

5012596

Problem: When configuring the Calendar Server and not using Identity Server, when you enter the top-level baseDN, a pop-up window opens saying, "The configuration program is verifying that the LDAP Server is reachable and that Directory Manager credentials are valid." Then, another pop-up window opens saying, "The base DN specified is equal to the root suffix, what do you want to do?"

At this point, the first pop-up window should have been closed, but it is still open. So then when you click "choose new" in response to the second pop-up and it closes, the first pop-up is still there, making it confusing about what to do next.

Fix: The window now closes.

5014529

Problem: `cs5migrate` utility mentions but does not explain `-t` option.

Fix: The `-t` option was never implemented. It was incompletely removed from the documentation last time. It is completely removed this time.

5016212

Problem: `csmig` reports internal error messages.

Fix: Fixed in general release of Calendar Server 6 2004Q2

5017175

Problem: `csdb` rebuilt results in the loss of the deleted master.

Fix: Fixed in general release of Calendar Server 6 2004Q2.

5029465

Problem: `csresource -o` does not work. "Error modifying properties, error=-1"

Fix: Fixed in general release of Calendar Server 6 2004Q2

5041023

5050372

Problem: Authentication does not use configurable filter for user lookup.

Fix: To enable authentication using a different LDAP attribute:

- Set the `local.user.authfilter` parameter in the `ics.conf` file to the desired attribute/value pair.

For example, the default filter is `"uid=%U"`. Change it to `"mail=%U"` as follows:

```
local.user.authfilter="mail=%U"
```

- Restart Calendar Server.

5042276

Problem: Trusted circle SSO not working between Calendar Server and Messaging Server. It works the other way, from Messaging Server to Calendar Server.

Fix: Fixed in the general release of Calendar Server 6 2004Q2.

5049203

5052128

Problem: cshttpd not coming up when configured in SSL mode, DWP/CLd mode.

Fix: Fixed in general release of Calendar Server 6 2004Q2.

5053759

Problem: `cscal -o` is case-sensitive but the calendar login is case-insensitive. The search for the calendars for JDoe (`cscal -o JDoe list`), with uid of `jdoue`, it would not find the calendars.

Fix: Fixed in general release of Calendar Server 6 2004Q2. The search will now find the calendars belonging to the uid `jdoue`, no matter what case is used in the `-o` option. Thus, the command `cscal -o JDoe list` will now find the calendars for `jdoue`.

Redistributable Files

Sun Java System Calendar Server 6 2004Q2 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 plugin API, known as CSAPI. The API is described in the *Sun Java System Calendar Server 6 2004Q2 Developer's Guide* at:

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 Solaris is `/opt/SUNWics5/cal`, for Linux it is `/opt/sun/`

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.so
libcsexp10.so
```

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
csIAccessControl.h
csIAuthentication.h
csICalendarDatabase.h
csICalendarLookup.h
csICalendarServer.h
csIDBTranslator.h
csIDataTranslator.h
csIMalloc.hpluginscsIPlugin.h
csIQualifiedCalidLookup.h
csIUserAttributes.h
mozIClassRegistry.h
mozIRegistry.h
nsAgg.h
nsIEnumerator.h
nsIEventQueueService.h
nsIFactory.h
nsIPtr.h
nsIServiceManager.h
nsIServiceProvider.h
nsISizeOfHandler.h
nsISupports.h
nsISupportsArray.h
nsMacRepository.h
nsProxyEvent.h
nsRepository.h
nsString.h
nsTraceRefcnt.h
```

Redistributable Files

<code>nsCOMPtr.h</code>	<code>nsVector.h</code>
<code>nsCRT.h</code>	<code>nsUnicharUtilCIID.h</code>
<code>nsCom.h</code>	<code>nsXPComCIID.h</code>
<code>nsDebug.h</code>	<code>nsXPComFactory.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

Communications Express

Sun Java™ System Communications Express Version 6 2004Q2 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 to as Unified Web Client (UWC). Messenger Express is the standalone web interface mail application that uses the HTTP service of the Messaging Server.

This section contains the following topics:

- [Supported Browsers](#)
- [Installation Notes](#)
- [Known Issues and Limitations](#)

Supported Browsers

Communications Express can be viewed using:

- Netscape™ Communicator 6.2.x, 7
- Internet Explorer 5.x, 6.0
- Mozilla™ 1.0 or higher

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 2004Q2 (6.1).
3. **Web Container.** Install Sun Java™ System Web Server version 6.1 SP1 with JDK version 1.4.2.
4. **Messaging Server.** Install Sun Java™ System Messaging Server 6 2004Q2 (6.1).

5. Identity Server. Install Sun Java™ System Identity Server 2004Q2 (6.2).

NOTE Communications Express has been tested and is supported only with the server versions mentioned above.

Refer to chapter 1, “Installing and Configuring Communications Express” of *Sun Java™ Systems Communications Express Administration Guide* for instructions on how to install and configure Sun Java System Communications Express.

Refer to chapter 4, “Implementing Single Sign-On” and chapter 5, “Deploying Communications Express and Identity Server” of *Sun Java™ Systems Communications Express Administration Guide* for instructions on how to configure Sun Java System Communications Express when Identity Server is deployed.

Known Issues and Limitations

This section contains a list of the known issues with Calendar Server 6 2004Q2. The following product areas are covered:

- [General Issues](#)
- [Config Tool Issues](#)
- [Calendar Issues](#)
- [Mail Issues](#)
- [Address Book Issues](#)

General Issues

This section lists general known issues.

Bug no 5008104: Fully qualified host name required in URL even when the user is authenticated.

The domain name is not set in the cookie if the URL is not a fully qualified host name, even when the user is authenticated.

Work around

Always access the application using a fully qualified host name.

Bug no 5025449: The day and year formats in the calendar views are not consistent.

For Asian locales, in the Day View the Month has the correct format, but the Day and Year fields in the calendar are not displayed in an Asian format.

Config Tool Issues

This section contains a list of known issues in the configurator and workaround.

Refer to chapter 1, “Installing and Configuring Communications Express” of *Sun Java™ Systems Communications Express 6 2004Q2 Administration Guide* for post configuration instructions.

No support to modify web-container configuration for IS SDK integration

The configurator does not support modification of web-container configuration, for Identity Server SDK integration.

Workaround

Manually invoke tools provided with Identity Server to modify web container configuration for Identity Server.

Java Enterprise System Unconfigure is not supported

The uwc client does not allow you to undeploy the uwc application, remove files created at config-time, and remove files created during run-time.

Workaround

To unconfigure Communications Express:

1. Remove the Communications Express package.
For example on Solaris type: `pkgrm SUNWuwc`
2. Remove the `staging` and `deploy` directories
3. Remove the `WEBAPP` entry from Web Server or Application Server `server.xml` file.

Bug no 4988408: A wrong error message is displayed when no components are selected in the config tool.

The config tool displays a wrong error message when no components are selected.

The error message says, “You have not selected Components to be configured.

Click Ok and then go to the Directory Selection Panel to specify a different directory or exit configuration.”

Bug no 4982590: The components for Communications Express are shown to be zero bytes.

The configurator while displaying the Mail and Calendar components for Communications Express shows the component size as 0 bytes.

Bug no 4996723: GUI config input fields should not be right aligned.

The field names and browser buttons are truncated or not visible when the configuration wizard is invoked in a language other than English.

Workaround

Resize the configuration panels to view its contents properly.]

Bug no 5028906: UWC Configurator: devinstall is dumping core if host aliases are not resolved.

UWC configurator fails to complete the configuration process if your system is not configured for host name aliases.

Workaround

Ensure that you have configured one or more host name aliases for your system.

To configure one or more host name aliases on UNIX systems:

1. Provide the configuration for the `hosts` in `/etc/nsswitch.conf` file:

```
hosts: files dns nis
```

This configuration indicates to the name service the lookup order it should use to resolve host names and host aliases. The name service lookup order is: `files`, `dns`, and `nis`.

2. Ensure that the `/etc/hosts` file contains two or more host names defined against your machine's IP address.

For example, if your system IP address is `129.158.230.64`, then in `/etc/hosts` file, you can configure the IP address as:

```
129.158.230.64    bugie.siroe.varrius.com budgie
```

or

```
129.158.230.64    bugie.siroe.varrius.com budgie loghost
```

An example of an incorrect IP address:

```
129.158.230.64    budgie
```

Bug no 5024149: Misleading error message while installing Communication Express from JES2.

After installing the following components from Java Enterprise System 2003Q4 1 installer, Webserver 6.1 SP1 is grayed out when Communication Express is selected from JES2 installer:

- Messaging Server

- Calendar Server
- Directory Server
- Administration Server
- Web Server 6.1

The following misleading and incorrect error message is displayed when Web Server 6.1 SP1 is not available for selection and when you click Next in the Component Selection panel:

```
[Sun ONE Web Server 6.1 Service Pack2, Sun ONE Application Server 7.0 Update 3]

You must select one of these in the Component Selection panel. Either one of these is
required by [Sun Java System Communications Express]
```

The error message should mention that an older version of Web Server has been detected and that the users are required to uninstall the previous version of Web Server and install the latest version of Web Server from JES2 installer.

Bug no 5043406: Remove am*.jar from the Communications Express bundle.

When accessing the Communication Express login page, "Server Error" page is displayed.

Workaround

If Communication Express is configured to use Identity Server:

1. Remove `am_sdk.jar`, `am_services.jar`, `am_logging.jar` from *uwc-deployed-path*/WEB-INF/lib directory.

For example, `/var/opt/SUNWuwc/WEB-INF/lib`

2. Restart the web container.

Bug no 5043951: Multiple jss3.jar in classloader error when Communications Express installed.

When accessing Communications Express or Identity Server console, the "Server Error" page is displayed. This problem is encountered when Communications Express and Identity Server are deployed in the same web container instance.

Workaround

1. Remove `jss3.jar` from *uwc-deployed-path*/WEB-INF/lib directory.

For example, `/var/opt/SUNWuwc/WEB-INF/lib`

2. Restart the web container.

Calendar Issues

Issues with Default Event Status Filter

The Default Event Status Filter in the Options Calendar window specifies the events to be displayed in the day, week, and month calendar views. The options available are: Accepted, Tentative, Declined, No Response.

When only the “accepted” option is selected as the event status, only invitations you have accepted are displayed in the day, week or month calendar views. However, all events created by you are always displayed in the day, week or month calendar views.

In the Options Calendar Window, by default only “Accepted” and “Tentative” are selected, which means as a user you will not see events you have declined or to which you have not responded as yet.

To view all the events in the Day, Week, Month, and Year views, you should select all the options, that is, Accepted, Tentative, Declined, No Response in the Options Calendar window.

Incompatibility between the semantics used by Sun Java System Calendar Express and Sun Java System Communication Express for First Day of Week.

The next day appears as the “First Day of Week” in the Options Calendar window when you view calendars created using Calendar Express from Communications Express.

For example if “Sunday” is regarded as the First Day of Week in Calendar Express, it appears as “Monday” in Communications Express. Therefore, Communications Express considers “Monday” to be the first day of the Week.

Communications Express and Calendar Express will behave correctly if they are used exclusively (that is if one is used and the other never used). But, if the user transitions from Calendar Express to Communications Express, or vice-versa, a shift in the “First Day of Week” option would be observed. This is because there is an incompatibility between the semantics used by the two products associated with this particular option.

Bug no 4902650: Calendar grid lines are not visible on Netscape 7.0 run on Solaris 5.9.

When you invoke Communications Express from Netscape 7.0 running on Solaris 5.9, the calendar grid lines are not visible in the application.

Bug no 4956450: Search for calendars returns all user’s calendars

When calendars with a particular calendar ID is searched for from the Calendar UI, the search results contain the calendars that do not match the criteria.

Workaround

Set `service.calendarsearch.ldap = "no"` in `ics.conf`, the calendar server configuration file and restart the Calendar Server.

Bug no 5030757: Locale fallback mechanisms does not work for certain locale names.

Workaround

Create resource bundle directories with "-" instead of "_" when a locale name with an underscore is to be supported.

For example, if locale en_US needs to be supported, create a directory en-US in `<uwc-data-dir>/domain/<domain-name>`.

Bug no 5019828 Calendar UI does not render html in the calendar description.

All HTML content in calendar description tag are rendered as garbage in the UI.

Mail Issues

If the Sun Java System Messaging Server is installed from Java Enterprise System 2003Q4, apply the following 2 patches:

- 116568-51
- 116570-09

Bug no 5032016: Not able to see mail tab or mails in uwc

If user entry in ldap has `inetUserStatus` and `mailUserStatus` set to "Active" the Mail tab is not shown to the user.

Work around

Change the `inetUserStatus` and `mailUserStatus` to "active."

Bug no 5006218: Netscape 7: Sun logo does not appear for mail URL

In Netscape 7, the URL in the browser has Sun logo in the Mast head when Address Book or Calendar is accessed and Java icon when Mail is accessed.

Work around

Copy the `favicon.ico` file from `$UWCDEPLOYDIR/favicon.ico` to docroot directory of Web Server where UWC is deployed.

The value of `docroot` can be found in `server.xml`. An example `docroot` entry appearing in `server.xml` is:

```
<PROPERTY name="docroot" value="/opt/SUNWwbsvr/docs"/>
```

Bug no 5032833: Mail filters: Creating Mail Filter with certain conditions, throws Application Error.

Creating Mail Filter with certain conditions throws the following error page:

Application Error

com.ipplanet.jato.NavigationException: Exception encountered during forward

Root cause = [java.lang.StackOverflowError]

Work around

To be able to create and manipulate large-sized filters, configure the Java thread stack size appropriately.

Bug no 5032888: Mail filters: Settings not saved properly.

The "File message to folder:" and "Forward to email address:" settings are not saved properly when the Mail Filter details are viewed in the Edit mode.

Bug no 5047833: get inputObj is null error when adding addresses to email using Mozilla 1.4

The "inputObj is null" JavaScript error message is displayed when a user adds addresses from the address book to email To or Cc fields.

This bug is noticed only in Mozilla 1.4, Netscape 7.1.

Address Book Issues

Bug no 4995472: The address book Name cannot be localized by defaultps/dictionary-<lang>.xml for every session.

This bug exists because the localized value, based on the resolved session language and the domain specific defaultps/dictionary-<lang>.xml, is assigned when the address book is accessed for the first time.

Also the "Name" and "Description" entered in the Address Book Options page are not displayed in the Current Address Book drop-down list that appears on the Address Book tab page.

Bug no 5025048: I18n Strings are to be localized.

Bug no 5052474: Address Book does not use LDAP VLV control even when vlv_paging=true

When you set `vlv_paging=true` in `db_config.properties`, Address Book still does not use the Virtual List View control while doing an LDAP search. This may affect the performance of Directory deployments that have VLV indexes set up.

User Management Utility

This section describes known issues in Communications Services User Management Utility.

Manual steps are required to enable the `commadmin` utility to run against an LDAP directory in Schema 2 compatibility mode. (5042801)

To enable `commadmin` to work on an LDAP directory in Schema 2 compatibility mode, you must manually take the steps described below.

Workaround

Take the following six steps:

1. Add the following ACIs to the OSI root. (Be sure to replace `ugldapbasedn` with your usergroup suffix.)

```
#
# acis to limit Org Admin Role
#
#####
# dn: <local.ugldapbasedn>
#####
dn: <ugldapbasedn>
changetype: modify
add: aci
aci: (target="ldap:///($dn),<ugldapbasedn>")(targetattr="*")
(version 3.0; acl "Organization Admin Role access deny to org node"; deny
(write,add,delete) roledn = "ldap:///cn=Organization Admin
Role,($dn),<ugldapbasedn>");

dn: <ugldapbasedn>
changetype: modify
add: aci
aci: (target="ldap:///($dn),<ugldapbasedn>")(targetattr="*") (version 3.0; acl
"Organization Admin Role access allow read to org node"; allow (read,search) roledn =
"ldap:///cn=Organization Admin Role,($dn),<ugldapbasedn>");
```

2. Add the following ACIs to the DC Tree root suffix. (Be sure to replace `dctreebasedn` with your DC Tree root suffix and `ugldapbasedn` with your usergroup suffix.)

```
#
# acis to limit Org Admin Role
#
#####
```

```

# dn: <dctreebasedn>
#####
dn: <dctreebasedn>
changetype: modify
add: aci
aci: (target="ldap:///($dn),<dctreebasedn>")(targetattr="*")
(version 3.0; acl "Organization Admin Role access deny to dc node";
deny (write,add,delete) roledn = "ldap:///cn=Organization Admin
Role,($dn),<ugldapbasedn>");

dn: <dctreebasedn>
changetype: modify
add: aci
aci: (target="ldap:///($dn),<dctreebasedn>")(targetattr="*")
(version 3.0; acl "Organization Admin Role access allow read to dc node"; allow
(read,search) roledn = "ldap:///cn=Organization Admin Role,($dn),<ugldapbasedn>");

dn:<dctreebasedn>
changetype:modify
add:aci
aci: (target="ldap:///<dctreebasedn>")(targetattr="*")
(version 3.0; acl "S1IS Proxy user rights"; allow (proxy)
userdn = "ldap:///cn=puser,ou=DSAME Users,<ugldapbasedn>");

dn:<dctreebasedn>
changetype:modify
add:aci
aci: (target="ldap:///<dctreebasedn>")(targetattr="*")
(version 3.0; acl "S1IS special dsame user rights for all under the root suffix";
allow (all) userdn = "ldap:///cn=dsameuser,ou=DSAME Users,<ugldapbasedn>");

dn:<dctreebasedn>
changetype:modify
add:aci
aci: (target="ldap:///<dctreebasedn>")(targetattr="*")
(version 3.0; acl "S1IS Top-level admin rights";
allow (all) roledn = "ldap:///cn=Top-level Admin Role,<ugldapbasedn>");

```

3. Set the `com.iplanet.am.domaincomponent` property in the `AMConfig.properties` file to your DC Tree root suffix. For example, modify the following lines in the `<IS_base_directory>/lib/AMConfig.properties` file:

from

```
com.iplanet.am.domaincomponent=o=isp
```

to

```
com.iplanet.am.domaincomponent=o=internet
```

4. Enable Identity Server to use compatibility mode. In the Identity Server Console, in the Administration Console Service page, check (enable) the **Domain Component Tree Enabled** check box.

5. Add the `inetdomain` object class to all the DC Tree nodes (such as `dc=com,o=internet`), as in following example:

```
/var/mps/serverroot/shared/bin 298% ./ldapmodify -D "cn=Directory Manager" -w password
dn: dc=com,o=internet
changetype: modify
add: objectclass
objectclass: inetdomain
```

6. Restart the Web container.

If you upgrade the User Management Utility (`commadmin`) from version 6 2003Q4 to version 6 2004Q2, the domain administrator can add and delete services to the domain and can modify domain attributes. (5026945)

The domain administrator should not have the authority to change domain attributes.

This situation occurs when you upgrade the User Management Utility (`commadmin`) from version 6 2003Q4 to version 6 2004Q2. If you do a fresh installation of the upgraded version of `commadmin` (bundled with Identity Server 6 2004Q2), the proper `usergroup.ldif` files are added automatically when you configure `commadmin` with the `config-iscli` program.

Workaround

To obtain the ACIs to properly restrict the privileges of the domain administrator, take the following steps:

1. Open the `usergroup.ldif`, located in the `msg_svr_base/lib/config-templates` directory, and replace `ugldapbasedn` in the template `ldif` with your `usergroup` suffix.
2. Add the edited `usergroup.ldif` into the LDAP directory.

The `commadmin` configuration process does not detect the default web container (Application Server). (5015063)

When the `commadmin` is configured, the configuration utility does not detect the default web container. (The default web container for Identity Server is Application Server.) Instead, the utility asks for the Web Server instance directory. At the end of the configuration, the utility asks you to manually deploy the `war` file to the web container used by Identity Server and modify the `classpath`.

Workaround

To configure `commadmin` properly, using Application Server as the web container, take the following steps:

1. When you perform the `commadmin` configuration, when asked for the Web Server Instance Directory, enter the Application Server instance directory instead of the web server instance directory. By default, the Application Server instance directory should be in the following directory:

```
/var/opt/SUNWappserver7/domains/domain1/server1
```

2. After you complete the `commadmin` configuration, find the `server.xml` file in the Application Server configuration directory. By default, the `server.xml` file should be in the following directory:

```
/var/opt/SUNWappserver7/domains/domain1/server1/config
```

Search for `server-classpath` and add the following to `server-classpath`:

```
app-server-root/domains/domain1/server1/applications/j2ee-modules/commcli_1/WEB-INF/classes
```

3. Deploy the war file as:

```
cd /opt/SUNWappserver7/bin

./asadmin deploy --user "admin user name" --password "admin user password"
--host hostname --port 4848 --name commcli --contextroot
commcli /opt/SUNWcomm/lib/jars/commcli-server.war
```

4. Restart Application Server as follows:

```
cd /var/opt/SUNWappserver7/domains/domain1/server1/bin
./stopserv ; ./startserv
```

`commadmin` configuration fails during the `config-wbsvr` task. (5011077)

In rare cases, the `config-wbsvr` task fails during the configuration of `commadmin` (after Messaging Server has been installed and configured).

Workaround

Do not install Portal Server before you configure `commadmin`. Install Portal Server after you have completed configuring `commadmin`.

Cannot modify non-ASCII groups. (4934768)

If a group is created with a group name that contains non-ASCII characters, it cannot be modified with the `commadmin group modify` command.

For example, if a group with the non-ASCII characters `XYZ` is specified with the `-G` option in the `commadmin group create` command, an email address of `XYZ` is automatically added to the group's LDAP entry. Since non-ASCII characters are not allowed in email addresses, modifying the group with `commadmin group modify` fails.

Workaround:

Use the `-E email` option when creating a group. This option will specify the group's email address. For example: `commadmin group create -D admin -w password -d siroe.com -G XYZ -S mail \ -E testgroup@siroe.com.`

Creating a group with multiple `-f` options adds only one attribute. (4931958)

If you specify multiple `-f` options for creating dynamic groups in the `commadmin group create` command, only the value specified with the last `-f` option is added to the LDAP entry. The other values are not added.

Workaround:

Do not specify the `-f` option multiple times when using the `commadmin group create` command.

External members cannot be added to or removed from groups passing the `-M` option to the `group modify` command. (effect of 4930618)

You cannot use the `-M` option with the `commadmin group modify` command to add or remove external group members from groups.

Workaround:

Use the `-A` option to pass the attribute name `mgrpRFC822MailMember` and its desired value to the `group modify` command, as in the following examples:

```
./commadmin group modify -D admin -w password -G Group1 -A  
+mgrpRFC822MailMember:usr100@iplanet.com
```

```
./commadmin group modify -D admin -w password -G Group1 -A  
\\-mgrpRFC822MailMember:usr100@sun.com
```

Connector for Microsoft Outlook

This section contains the latest information that is not contained in the product documentation and is missing from the Release Notes for the Connector for Microsoft Outlook

Under the heading “Shared Calendar LDAP Lookup Configuration”, the example of how to set the calmaster ACI for proxy authentication is out of date.

The following example shows the correct ACI for the root suffix (node):

```
dn: o=usergroup
changetype: modify
add: aci
aci: (targetattr="icscalendar || cn || givenName || sn || uid ||
mail")(targetfilter=(objectClass=icscalendaruser))(version 3.0; aci
"Allow calendar administrators to proxy -
product=ics,class=admin,num=2,version=1"; allow (proxy) groupdn =
"ldap:///cn=Calendar Administrators,ou=Groups,o=usergroup");)
```

For the domain basedn node, the following example shows the correct ACI:

```
dn: o=sesta.com,o=usergroup
changetype: modify
add: aci
aci:(targetattr="icscalendar || cn || givenName || sn || uid ||
mail")(targetfilter=(objectClass=icscalendaruser))(version 3.0; aci "Allow calendar users
to read and search other users - product=ics,class=admin,num=3,version=1"; allow
(search,read) userdn = "ldap:///uid=*, ou=People, o=sesta.com, o=usergroup");)
```

If there is no domain, add this ACI to the root suffix itself by removing the o=sesta.com part on the dn: line.

The Calendar Server configuration program, `csconfigurator.sh`, adds these ACIs. If you are upgrading from Java Enterprise System Release 1, you must rerun the configuration program to get these updated ACIs.

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 ProductTracker, 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 (817-5699-10) and title (*Sun Java System Calendar Server 6 2004Q2 Release Notes*) in the subject line of your email.

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/coll/CalendarServer_04q2
- **Sun Java System Documentation**
http://docs.sun.com/prod/entsys_04q2
- **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://www.sun.com/supporttraining>
- **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>
- **Sun Java System Software Training**
<http://www.sun.com/software/training>
- **Sun Software Data Sheets**
<http://www.sun.com/software>

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