Release Notes for iPlanet Calendar Server

Version 5.1

March 20, 2002

The iPlanet™ Calendar Server 5.1 Release Notes document important information available at the time of the release, including:

- What's New in Calendar Server 5.1

- Calendar Server 5.1 Installation Notes

- Known Problems and Limitations

- Calendar Server 5.1 Documentation

- Calendar Server 5.1 Localization

- How to Report Problems

- Where to Find More Information

Read this document before you install Calendar Server 5.1. For an online version, see the iPlanet documentation web site:

`http://docs.iplanet.com/docs/manuals/calendar.html`

After you install and start using Calendar Server 5.1, check this web site periodically to view the most up-to-date documentation.

What's New in Calendar Server 5.1

In addition to performance enhancements and bug fixes, iPlanet Calendar Server 5.1 includes the following new features.

New Installation Features

- Save Customizable Files Option
- Netscape™ Calendar Server 4.x to 5.1 Migration Utility

New Calendar Server Features

- Support for New Directory Servers
- csdb Utility check and rebuild Commands
- Private Events and Tasks in User Calendars
- Automatic Email Notifications for Invitations
- Configuration for Rendering of HTML and Javascript in Text Fields
- Minimum Attendee String Size for Wild-Card Searches
- XML Format for Event Notification Service (ENS) Messages
- WCAP Commands to Check for Deleted Events and Todos
- High Availability (HA) Support Using Sun Cluster 3.0
- Limited Virtual Domain Mode
- Calendar Server 5.1 Documentation Changes

New Calendar Express Features

Calendar Express 5.1 has many new features that can help your end users to be more productive. These new features are described in the following document:

New Features for Calendar Express 5.1

iPlanet hopes you will make this document available to your end users so that they can take advantage of these new features.

Save Customizable Files Option

During installation, you can have the installation program save all Calendar Server configuration and customizable files that have these extensions:

```
.xsl .xml .conf .gif .htm
```

The installation program generates a report that indicates which files have changed. After the installation has finished, you can use this report to merge your customizations from the saved files into the newly installed Calendar Server 5.1 files.

Netscape™ Calendar Server 4.x to 5.1 Migration Utility

The `ncs4migrate` migration utility migrates Netscape Calendar Server 4.x calendar data to Calendar Server 5.1. For information about running `ncs4migrate`, see the *iPlanet Calendar Server Installation Guide.*

Support for New Directory Servers

iPlanet Calendar Server 5.1 supports Netscape™ Directory Server 4.16 (in addition to 4.12) on all software platforms and iPlanet Directory Server 5.1 on all software platforms except Solaris 2.6 (5.6).

csdb Utility check and rebuild Commands

Calendar Server 5.1 includes the `csdb` utility `check` and `rebuild` commands to check and, if necessary, to rebuild a calendar database (`caldb`). For information about how to use these commands, see the *iPlanet Calendar Server Administrator's Guide.*

Private Events and Tasks in User Calendars

Calendar Server 5.1 supports Private and Time and Date Only (confidential) events and tasks in user calendars. When creating a new event or task in Calendar Express, a user can specify whether the event or task is Public, Private, or Time and Date Only (confidential):

- Public—Anyone with read permission to the user's calendar can view the event or task.

- Private—Only owners of the calendar can view the event or task.

- Time and Date Only—Owners of the calendar can view the event or task. Other users with read permission to the calendar can see only "Untitled Event" on the calendar, and the title is not an active link.

For information about how to specify Private and Time and Date Only (confidential) events and tasks, refer to the Calendar Express Online Help.

To specify whether the Calendar Server filters (recognizes) Private and Time and Date Only (confidential) events and tasks, this release includes the new `calstore.filterprivateevents` parameter in the `ics.conf` file. If set to "no", the Calendar Server treats them the same as Public events and tasks. The default is "yes".

Automatic Email Notifications for Invitations

Calendar Express 5.1 end users can request to receive email notification messages whenever someone schedules or cancels an event on their calendars. The following new parameters in the `ics.conf` file determine whether this option is available to end users:

`ine.invitation.enable` controls the email notification for end users for an invitation to an event. If "yes" (the default), a notification is sent if the end user has requested it. If "no", a notification is not sent.

`ine.cancellation.enable` controls the email notification for end users for the cancellation of an event. If "yes" (the default), a notification is sent if the end user has requested it. If "no", a notification is not sent.

For information about how to set this feature in Calendar Express, refer to the Calendar Express Online Help.

Configuration for Rendering of HTML and Javascript in Text Fields

The new `service.http.renderhtml` parameter in the `ics.conf` file controls the rendering of HTML and Javascript in text fields such as the description of an event or task. If "yes", rendering of HTML and Javascript is enabled. If "no" (the default), it is disabled.

Minimum Attendee String Size for Wild-Card Searches

The new `local.lookupldap.search.minwildcardsize` parameter in the `ics.conf` file specifies "0") means always do a wild-card search. The default is "3".

XML Format for Event Notification Service (ENS) Messages

Calendar Server 5.1 supports the Java™ Message Service (JMS) API, which allows the data in an Event Notification Service (ENS) message to be in "text/XML" format in addition to "text/calendar" format. ENS messages can be sent for both Alarm Notifications and Calendar Update Notifications.

NOTE	In the following tables, parameters marked by an asterisk (*) are not in the ics.conf file. If a value other than the default is required for a parameter, you must add the parameter to the ics.conf file with the appropriate value and then restart the Calendar Server for the new value to take effect.

Alarm Notifications

Table 1 ics.conf Parameters for Alarm Notifications

Parameter	Description
caldb.serveralarms.url *	URL for the ENS message. Default is "enp:///ics/alarm".
caldb.serveralarms.contenttype *	Content type of the message data. Value can be "text/xml" or "text/calendar". The default is "binary".

* Parameter must be added to the ics.conf file if you require a value other than the default.

Calendar Update Notifications

Table 2 ics.conf Parameters for Calendar Update Notifications

Parameter	Description
Calendar Creation	
caldb.berkeleydb.ensmsg.createcal	Create an ENS message when a calendar is created. Default is "no". Must be set to "yes".
caldb.berkeleydb.ensmsg.createcal.url *	URL for the ENS message. Default is "enp:///ics/calendarcreate".
caldb.berkeleydb.ensmsg.createcal.contenttype *	Content type of the message data: "text/xml" (default) or "text/calendar".
Calendar Deletion	

Table 2   ics.conf Parameters for Calendar Update Notifications *(continued)*

Parameter	Description
caldb.berkeleydb.ensmsg.deletecal	Create an ENS message when a calendar is deleted. Default is "no". Must be set to "yes".
caldb.berkeleydb.ensmsg.deletecal.url *	URL for the ENS message. Default is "enp://ics/calendardelete".
caldb.berkeleydb.ensmsg.deletecal.contenttype *	Content type of the message data: "text/xml" (default) or "text/calendar".
Calendar Modification	
caldb.berkeleydb.ensmsg.modifycal	Create an ENS message when a calendar is modified. Default is "no". Must be set to "yes".
caldb.berkeleydb.ensmsg.modifycal.url *	URL for the ENS message. Default is "enp://ics/calendarmodify".
caldb.berleleydb.ensmsg.modifycal.contenttype *	Content type of the message data: "text/xml" (default) or "text/calendar".
Event Creation	
caldb.berkeleydb.ensmsg.createevent	Create an ENS message when an event is created. Default is "no". Must be set to "yes".
caldb.berkeleydb.ensmsg.createevent.url *	URL for the ENS message. Default is "enp://ics/caleventcreate".
caldb.berleleydb.ensmsg.createevent.contenttype *	Content type of the message data: "text/xml" (default) or "text/calendar".
Event Modification	
caldb.berkeleydb.ensmsg.modifyevent	Create an ENS message when an event is modified. Default is "no". Must be set to "yes".
caldb.berkeleydb.ensmsg.modifyevent.url *	URL for the ENS message. Default is "enp://ics/caleventmodify".
caldb.berleleydb.ensmsg.modifyevent.contenttype *	Content type of the message data: "text/xml" (default) or "text/calendar".
Event Deletion	
caldb.berkeleydb.ensmsg.deleteevent	Create an ENS message when an event is deleted. Default is "no". Must be set to "yes".
caldb.berkeleydb.ensmsg.deleteevent.url *	URL for the ENS message. Default is "enp://ics/caleventdelete".
caldb.berkeleydb.ensmsg.deleteevent.contenttype *	Content type of the message data: "text/xml" (default) or "text/calendar".

Table 2   ics.conf Parameters for Calendar Update Notifications *(continued)*

Parameter	Description
Todo (Task) Creation	
caldb.berkeleydb.ensmsg.createtodo	Create an ENS message when a todo is created. Default is "no". Must be set to "yes".
caldb.berkeleydb.ensmsg.createtodo.url *	URL for the ENS message. Default is "enp:///ics/caltodocreate".
caldb.berleleydb.ensmsg.createtodo.contenttype *	Content type of the message data: "text/xml" (default) or "text/calendar".
Todo (Task) Modification	
caldb.berkeleydb.ensmsg.modifytodo	Create an ENS message when a todo is modified. Default is "no". Must be set to "yes".
caldb.berkeleydb.ensmsg.modifytodo.url *	URL for the ENS message. Default is "enp:///ics/caltodomodify".
caldb.berleleydb.ensmsg.modifytodo.contenttype *	Content type of the message data: "text/xml" (default) or "text/calendar".
Todo (Task) Deletion	
caldb.berkeleydb.ensmsg.deletetodo	Create an ENS message when a todo is deleted. Default is "no". Must be set to "yes".
caldb.berkeleydb.ensmsg.deletetodo.url *	URL for the ENS message. Default is "enp:///ics/caltododelete".
caldb.berkeleydb.ensmsg.deletetodo.contenttype *	Content type of the message data: "text/xml" (default) or "text/calendar".

* Parameter must be added to the `ics.conf` file if you require a value other than the default.

For more information, see the *iPlanet Messaging and Collaboration Event Notification Service Manual.*

WCAP Commands to Check for Deleted Events and Todos

iPlanet Calendar Server 5.1 includes these new WCAP commands:

- `verifyevents_by_ids` verifies if the event specified by the `uid-rid` pair exists in the database.

- `verifytodos_by_ids` verifies if the todo specified by the `uid-rid` pair exists in the database.

For a description of these commands, see the *iPlanet Calendar Server 5.1 Programmer's Manual.*

High Availability (HA) Support Using Sun Cluster 3.0

iPlanet Calendar Server 5.1 provides support for high availability (HA) on Solaris servers by using the Sun Cluster 3.0 U1 product. A cluster consists of a primary node and a secondary node, with the Calendar Server running on the primary node. If a failure occurs on the primary node, the Calendar Server resources then failover to the secondary node to provide continuous availability.

For more information, see the "Sample iCS 5.1 HA Configuration" document.

Limited Virtual Domain Mode

The Calendar Server supports limited virtual domain mode, which allows customers to host multiple calendar sites on the same Calendar Server installation. Full virtual domain support is scheduled for a future release; however, a subset of virtual domain functionality is available with Calendar Server 5.1 (initially with the Calendar Server 5.0 patch 2 release). If you would like to use limited virtual domain mode, contact your iPlanet technical support representative.

For additional documentation, see the following article:

```
http://knowledgebase.iplanet.com/ikb/kb/articles/4950.html
```

Calendar Server 5.1 Installation Notes

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

This section contains information you should know before you install Calendar Server 5.1, including:

- Required Installation Privileges

- Supported Software Platforms

- Directory Server Requirements

- Hardware Requirements

- Client Software Recommendations

- Calendar Server 5.1 Installation Considerations

    ❍ Removing Pre-Hotfix Files

    ❍ Saving Customizable Files During Installation

    ❍ Migrating Data to Calendar Server 5.1

For installation information and instructions, refer to the *iPlanet Calendar Server Installation Guide.*

Required Installation Privileges

To install, reinstall, or upgrade the Calendar Server, you must have superuser privileges. On Solaris or other UNIX systems, you must login as (or become) root (user ID = 0). On Windows NT systems, you must login as an administrator who has full administration privileges for the system.

Supported Software Platforms

iPlanet Calendar Server 5.1 supports the following software platforms:

- Solaris™ 8 (5.8) Operating Environment

- Solaris™ 2.6 (5.6) Operating Environment

- Windows NT 4.0 With Service Pack 6a

- HP-UX 11.0 Operating System

Solaris™ 8 (5.8) Operating Environment

Table 3 shows the required patches for Solaris 8 (5.8). For the most current list of patches, check the `patches_sparc_SunOS_5.8.list` file in the `instsupp/` directory after you unbundle the Calendar Server.

In Table 3, the revision number following the dash in each patch ID identifies the minimum patch revisions; later revisions are acceptable. You can download these patches from:

`http://sunsolve.sun.com.`

Table 3   Required Patches for Solaris 8 (5.8) Operating Environment

Patch ID	Description
110934-03	SunOS 5.8: pkgtrans, pkgadd, pkgchk and libpkg.a patch
109320-03	SunOS 5.8: LP jumbo patch
108974-11	SunOS 5.8: dada, uata, dad, sd and scsi drivers patch
108977-01	SunOS 5.8: libsmedia patch
108968-05	SunOS 5.8: vol/vold/rmmount patch
108975-04	SunOS 5.8: /usr/bin/rmformat and /usr/sbin/format patch
108528-09	SunOS 5.8: kernel update patch
108652-34	X11 6.4.1 Xsun patch
109783-01	SunOS 5.8: /usr/lib/nfs/nfsd patch
108985-02	SunOS 5.8: /usr/sbin/in.rshd patch

Solaris™ 2.6 (5.6) Operating Environment

Table 4 shows the required patches for Solaris 2.6 (5.6). For the most current list of patches, check the `patches_sparc_SunOS_5.6.list` file in the `instsupp/` directory after you unbundle the Calendar Server.

In Table 4, the revision number following the dash in each patch ID identifies the minimum patch revisions; later revisions are acceptable. You can download these patches from:

`http://sunsolve.sun.com.`

Table 4   Required Patches for Solaris 2.6 (5.6) Operating Environment

Patch ID	Description
107733-09	SunOS 5.6: Linker patch
105568-23	SunOS 5.6: /usr/lib/libthread.so.1 patch
105210-38	SunOS 5.6: libc & watchmalloc patch
106040-17	Sun OS 5.6: X Input & Output Method patch
105633-59	OpenWindows 3.6: Xsun patch
105181-28	SunOS 5.6: Kernel update patch
105669-10	CDE 1.2: libDtSvc patch
105284-41	Motif 1.2.7 Runtime library patch

NOTE	Solaris 2.6 (5.6) supports Netscape Directory Server 4.12 and 4.16 but not iPlanet Directory Server 5.1.

Windows NT 4.0 With Service Pack 6a

Calendar Server 5.1 supports Microsoft Windows NT 4.0 with Service Pack 6a (or newer). You can download Service Pack 6a from the following web site:

`http://www.microsoft.com/ntserver/nts/downloads/`

NOTE	On Windows NT servers with slower processors, the `start-cal` command might time out. If this happens, start the Calendar Server using the Windows NT Control Panel Services dialog box.

HP-UX 11.0 Operating System

Required HP-UX Patch

Before you install Calendar Server 5.1 on HP-UX 11.0 servers, install the 9/01 HP-UX 11.0 Quality Pack, which is available from the following web site:

```
http://www.hp.com
```

Kernel Tuning

Before you install Calendar Server 5.1, use the settings shown in the following table as a baseline for kernel tuning. (These settings are based on an HP 9000 with 2 GB physical memory and 2 GB swap.)

Table 5   HP-UX 11.0 Configurable Kernel Parameters

Parameter	Description	New Setting
max_thread_proc	Maximum threads per process	8192
nkthread	Maximum threads in system	32768
maxdsiz	Maximum data segment size limit, heap memory	1 GB (0x040000000)
maxtsiz	Maximum text size	64 MB (0x04000000)
maxfiles_lim	Maximum number of open files per process	32768
ncallout	Maximum number of pending timeouts	128 + nproc
nfile	Maximum number of files system wide	65536
ninode	Maximum number inodes in memory	32768

To modify the kernel, use HP-UX system administration tools (`sam` and `kmtune`), or to modify the kernel manually:

1. Edit the `/stand/system` file to modify the kernel parameter.

2. Run `mk_kernel -o /stand/vmunix` to build the new kernel and kernel function set and to mark the kernel for replacement on reboot.

3. Reboot the system.

Calendar Server Startup

On HP-UX 11.0 servers, the Calendar Server is not started automatically after a successful installation or restart, even if you select these options during installation. You must start the Calendar Server manually using the `start-cal` command. (4525117).

Directory Server Requirements

iPlanet Calendar Server 5.1 supports these directory servers:

- Netscape Directory Server 4.12 and 4.16 is supported on all software platforms.

- iPlanet Directory Server 5.1 is supported on all software platforms except Solaris 2.6 (5.6).

For more information about directory server requirements, see the *iPlanet Calendar Server Installation Guide.*

Hardware Requirements

The hardware requirements to install iPlanet Calendar Server 5.1 are:

- Approximately 500 MB of disk space for a typical installation. For production systems, you should have at least 1 GB.

- 128 MB of RAM. For production systems, you should have between 256 MB to 1 GB of RAM for the best performance.

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

Client Software Recommendations

Calendar Express requires a JavaScript-enabled browser. For optimal performance, iPlanet recommends the following browsers for Calendar Server 5.1:

Table 6   Recommended Browser Versions for Calendar Server 5.1

Browser	Solaris	Windows	Macintosh
Netscape™ Communicator	4.7x	4.7x	N/A
Microsoft Internet Explorer	N/A	5.0 or 5.5	5.0

Calendar Server 5.1 Installation Considerations

Removing Pre-Hotfix Files

Before you install Calendar Server 5.1, remove any `*.so_pre-Hotfix_*` files, especially any files that might be in the *server-root*`/cal/bin/plugins` directory. Otherwise, some of these files might be automatically loaded from this directory and cause inconsistent Calendar Server behavior.

Saving Customizable Files During Installation

If you are upgrading or reinstalling the Calendar Server, you can have the installation program save all Calendar Server configuration and customizable files that have these extensions:

```
.xsl .xml .conf .gif .htm
```

The installation program generates a report that indicates which files have changed. After the installation has finished, you can use this report to merge your customizations from the saved files into the newly installed Calendar Server 5.1 files.

Migrating Data to Calendar Server 5.1

Table 7   iPlanet Calendar Server 5.1 Migration Utilities

Utility	Description
`ics2migrate`	Migrates Calendar Server 2.x data and LDAP user preferences to Calendar Server 5.1.
	The `ics2migrate` utility is installed in the *server-root*`/cal/bin/` directory on all platforms.
`ncs4migrate`	Migrates Netscape Calendar Server 4.x calendar data to Calendar Server 5.1.
	The `ncs4migrate` utility is available as follows:
	• On Solaris systems for English-only releases, `ncs4migrate` is installed in the *server-root*`/cal/bin/` directory.
	• For Windows NT platforms and all platforms of localized releases, `ncs4migrate` is not installed in the *server-root*`/cal/bin/` directory.
	If you plan to migrate Netscape Calendar Server 4.x calendar data to Calendar Server 5.1, contact your Sun/iPlanet technical support representative or account manager.

For information about using these migration utilities, see the *iPlanet Calendar Server Installation Guide.*

Known Problems and Limitations

iPlanet Calendar Server 5.1 has the following known problems. If available, a workaround is provided for each problem.

- HP-UX: Calendar Server is not started after a successful installation or restart (4525117)

- Internet Explorer user can't export in XML format after having exported in iCal format (4525128)

- International characters display incorrectly in Calendar Express (4527700)

- Exported events cannot be modified when imported on another Calendar Server (4530547)

- logout.wcap call always returns a status of -1 (successful) even for a failure (4535769)

- Installing Portal Server after Calendar Server changes permissions on /var/opt (4535775)

- Calculating availability uses both invitee's and inform-only calendars (4535922)

- System does not accept more than 75 users in Calendar Permissions view (4535964)

- Email address changes are not carried to existing events and tasks (4535971)

- Asia/Tehran time zone is not displayed in Calendar Express Options Settings view (4536390)

- Auto-provisioning feature cannot be disabled for first-time user login (4537234)

- Spaces in group calendar names cause problems (4537454)

- Recurrence ID (RIDs) are not in ISO8601 format (4537733)

- Not everyone has the calendar entry after a meeting has been scheduled (4538591)

- Calendar Server allows double booking of calendars (4538774)

- Calendar is not searchable by other users although Availability and Schedule are checked (4538863)

- Calendar Overview has inconsistent method for displaying tasks (4538960)

- csbackup utility fails if target directory exists and -f option is not specified (4539252)

- Server JavaScript returns fully qualified URLs rather than relative URLs (4539347)

- Export from Internet Explorer 5.5 does not work correctly (4540544)

- Search in new event using a wildcard (*) returns directory server error (4540607)

- Installation program does not display default time zone or allow it to be set (4541260)

- Calendar Express doesn't allow "last day of the month" for repeating events (4541444)

- User cannot set reminders to invitations before accepting or declining them (4552548)

- Search doesn't return expected results if the search string contains an asterisk (4555547)

- Events created on a Macintosh using Netscape Navigator 4.x contain corrupted data (4556675)

- Email notifications cause problems with Netscape Communicator (4560460)

- New Calendar doesn't display in the Calendars view (4607517)

- Until date for a repeating event shows one day after original date (4622462)

- Calendar Server doesn't create all instances if repeat until date is earlier than default (4625452)

- Localization resource files are not current and need to be removed (4628091)

HP-UX: Calendar Server is not started after a successful installation or restart (4525117)
On HP-UX 11.0, the Calendar Server is not started after a successful installation or restart, even if you select these options during installation.

Workaround
Start the Calendar Server manually using the `start-cal` command.

Internet Explorer user can't export in XML format after having exported in iCal format (4525128)
If you export a calendar in Internet Explorer 5.5 or later in iCal format, you cannot then export the calendar in XML format. Internet Explorer does not display the Save window to select a location for the exported file.

Workaround
Click the Internet Explorer Refresh button and then export the calendar. Or, go to another Calendar Express window such as View or Calendars, return to the Options window, and then export the calendar.

International characters display incorrectly in Calendar Express (4527700)
International characters entered in Calendar Server command-line utilities such as `csresource` using encoding other than UTF-8 display incorrectly in Calendar Express.

Workaround
For command-line parameters that contain international characters to display correctly in Calendar Express, enter the characters using UTF-8 encoding.

Exported events cannot be modified when imported on another Calendar Server (4530547)
Events that are exported and then imported on a different Calendar Server cannot be modified by the new users. For example, if UserA exports a calendar and then UserB imports the calendar on another Calendar Server, UserA is still the organizer for the events, and userB cannot modify them.

Workaround
Edit the exported file and change the organizer to the user who plans to import the calendar on the second Calendar Server.

logout.wcap call always returns a status of -1 (successful) even for a failure (4535769)
A `logout.wcap` call always returns -1 (successful) even if the logout has failed.

Workaround
To check if a session is still valid, call the `check_id.wcap` command and then check the returned `X-NSCP-WCAP-CHECK-ID` property. If the value is zero (0), the session is invalid and the logout was successful. If the value is 1, the session is still valid and you must call `logout.wcap` to logout again.

Installing Portal Server after Calendar Server changes permissions on /var/opt (4535775)
If you install the Portal Server after installing the Calendar Server, permissions for the `/var/opt` directory are changed to 0700 (`drwx------`). A subsequent attempt to restart the Calendar Server (or a reboot) causes the following error:

```
Starting csadmind
Fatal error 70: Cannot open calendar database
csadmind is not started
Calendar service(s) not started
```

Workaround
After installing the Portal Server, change the permissions for the `/var/opt` directory to 0775.

Calculating availability uses both invitee's and inform-only calendars (4535922)
When calculating availability for scheduling a new event, the Calendar Server uses both the invitee's calendars and calendars from the inform-only list. This implementation makes it more difficult to determine an appropriate time for the event, and the Calendar Server should use only the invitee's calendars.

Workaround
None.

System does not accept more than 75 users in Calendar Permissions view (4535964)
If you add users in the Calendar Permissions view, the Calendar Server does not accept more than 75 users.

Workaround
To add more than 75 users, use the `login.wcap` and `createcalendar.wcap` commands. For a description of these commands, see the *iPlanet Calendar Server 5.1 Programmer's Manual.*

Email address changes are not carried to existing events and tasks (4535971)
If you change the email address in the Event Reminder option setting, reminders for any future events and tasks previously entered on your calendar will still be sent to the original email address.

Workaround
Edit each event and task and specify a reminder with the correct email address.

Asia/Tehran time zone is not displayed in Calendar Express Options Settings view (4536390)
Although the Asia/Tehran time zone is in the Calendar Server 5.1 `timezones.ics` file, it is not displayed by Calendar Express in the Options Settings view.

Workaround
None.

Auto-provisioning feature cannot be disabled for first-time user login (4537234)
By default, the Calendar Server creates a default calendar when a new user first logs into the Calendar Server, and currently, there is no option to disable this feature.

Workaround
None. However, a new configuration parameter to disable this feature is planned for a future release.

Spaces in group calendar names cause problems (4537454)

A leading or trailing space in a group calendar name causes the Calendar Server to create another group calendar without the space.

Workaround

Do not use leading or trailing spaces in group calendar names.

Recurrence ID (RIDs) are not in ISO8601 format (4537733)

The Calendar Server does not convert RIDs to ISO8601 format.

Workaround

Do the translation to the `time_t` format before passing back in the RID. That is, translate the creation date in ISO8601 to the Zulu version of ISO8601 and then to `time_t`.

Note Do not use the C `mktime()` functions, because they use the system's time-zone information, which might not map correctly to the Calendar Server or user's chosen time zone.

Not everyone has the calendar entry after a meeting has been scheduled (4538591)

To invite an attendee who does not have a default calendar to a meeting, you must specify the attendee's email address. The Calendar Server then sends an email message using "`mailto:`" to the attendee with the event details, but it does not create a default calendar for the attendee.

Workaround

The Calendar Server creates a default calendar for a new calendar user in either of these situations:

- The new user logs into the Calendar Server for the first time.

- An administrator provisions the new user with the `cscal` utility `create` command. (The user must already exist in the directory server.)

For information about `cscal`, see the *iPlanet Calendar Server Administrator's Guide.*

Calendar Server allows double booking of calendars (4538774)

The Calendar Server allows double booking of a user's calendars even if `user.allow.doublebook` is set to "no" in the `ics.conf` file.

Workaround

To prevent double booking for a user's calendar, run the `cscal` utility with the `-k no` option for each individual calendar.

Calendar is not searchable by other users although Availability and Schedule are checked (4538863)
A calendar created before the patch 4 release is not searchable by other calendar users unless Read permission is checked. Checking only the Availability or Schedule permissions does not make the calendar searchable.

Workaround
If you have a calendar was created before patch 4 was installed, you might need to change its permissions to make it searchable. Refer to the Calendar Express Online Help for information about changing permissions.

Calendar Overview has inconsistent method for displaying tasks (4538960)
The Task/Event box, which appears just below the date banner for both the Overview and Day views, does not display tasks consistently.

Workaround
Calendar Express displays tasks in the Task/Event box on the Overview and Day views as follows:

- Overdue tasks are relative to the actual date and are always displayed with the heading "Overdue Tasks" in red text, regardless of the date displayed in the banner.

- Any tasks that are due on the banner date are also displayed.

- Any future tasks after the banner date are not displayed.

The Calendar Server does not display future tasks because a calendar might have hundreds (or even thousands) of future tasks, and displaying all of them would quickly overflow the Task/Event box. To view future tasks for a calendar, use the week or month view.

csbackup utility fails if target directory exists and -f option is not specified (4539252)
The `csbackup` utility fails if the target backup directory already exists (even if it is empty) and you do not specify the `-f` option. For example, the following command fails if `backupdir` exists:

```
# ./csbackup database backupdir
```

Workaround
Include the `-f` option when you run the `csbackup` utility. For example:

```
# ./csbackup -f database backupdir
```

Server JavaScript returns fully qualified URLs rather than relative URLs (4539347)

After login, the Server JavaScript returns fully qualified embedded URLs, including the port number, rather than relative URLs. The fully qualified URLs cause problems if you are trying to use the Calendar Server with a load balancer or proxy server.

Workaround

None.

Export from Internet Explorer 5.5 does not work correctly (4540544)

If you are using Internet Explorer 5.5, the Calendar Express Export function saves the calendar as an HTML file and not in `.ics` or `.xml` format.

Workaround

1. From the Calendar Express Options view, add the calendar(s) you want to export to Calendars To Export, and then click Export.

2. On the File Download dialog, click "Open this file from its current location". Do not select "Save this file to disk", or the calendar will be saved as an HTML file.

3. Click OK. Internet Explorer displays the File Download dialog again.

4. On the second File Download dialog, click "Save this file to disk" (already selected by default).

5. On the "Save as" dialog box, select the download folder and click OK. The Export function saves the calendar in `.ics` or `.xml` format.

Search in new event using a wildcard (*) returns directory server error (4540607)

A search that uses a wildcard character (*) or a short substring in a new event returns the following error:

```
There was a problem with the directory server. (2)
```

The following problems can cause this error:

- The directory lookup server is down.

- The search-string is not specific enough and the LDAP server reached its lookup limit for the search.

Workaround

If the directory server is not down, avoid using the wildcard character or short substrings (such as "j", "t", "sh", or "sh*") in the search. Or, to configure the LDAP server to ignore the lookup limit, change the `lookthroughlimit` to -1 in the `slapd.ldbm.conf` file.

Installation program does not display default time zone or allow it to be set (4541260)
The default time zone for Calendar Server 5.1 is "America/New_York". The installation program does not display this default or provide a way to change it. Also, if the system default time zone (which is OS specific) is different from "America/New_York", the installation program does not attempt to find a Calendar Server time zone that matches it.

Workaround
None during installation. However, for importing files after installation, you can set the following time-zone parameter in the `ics.conf` file:

```
! Timezone ID used when importing files.
calstore.default.timezoneID = "America/New_York"
```

Also, for more information, see:

http://knowledgebase.iplanet.com/ikb/kb/articles/4996.html

Calendar Express doesn't allow "last day of the month" for repeating events (4541444)
Calendar Express does not allow you to specify the "last date of the month" (regardless of the date) for a repeating monthly event.

Workaround
To specify the "last date of the month" for a monthly event, schedule the event to repeat on the "31st day of the month." The Calendar Server then automatically adjusts the actual last day for months with fewer than 31 days.

User cannot set reminders to invitations before accepting or declining them (4552548)
If an user tries to set a reminder to an invitation before accepting or declining it, the action is not saved. Also, if a user brings up the invitation without accepting or declining it and then clicks OK, an error is logged to the http.log.

Workaround
Do not set a reminder before accepting or declining an invitation.

Search doesn't return expected results if the search string contains an asterisk (4555547)
The search for a calendar doesn't always return the expected results if the search string contains an asterisk (*).

Workaround

Try the search again without the asterisk, using a search string of at least three characters.

Events created on a Macintosh using Netscape Navigator 4.x contain corrupted data (4556675)

If you create a new event or task on a Macintosh using Netscape Navigator 4.x and then add a name, location, and description, extra characters are added at the end of the description.

Workaround

If you need to create new events or tasks with a name, location, and description on Macintosh systems, use Netscape Navigator 6.x or Internet Explorer 5.x.

Email notifications cause problems with Netscape Communicator (4560460)

In Calendar Express, email notifications can cause problems with Communicator. Calendar Server notifications are optimized by default for the Outlook client. Notifications are sent out in multi-part MIME formats - text/plain, text/html, and text/calendar. These formats are defined in the *server-root*/cal/bin/config/en directory.

With these default formats, the event notifications are not correctly rendered in Communicator. Being rendered in this case means that Communicator is trying to handle the text/calendar format that is optimized for Outlook. In Communicator it exposes the "More Details", "Accept", and "Decline" buttons. It also will display a "Error: 3.0 Unknown: (::)".

Workaround

1. From the Communicator toolbar, go to Edit: Preferences: Navigator: Applications and create an application to handle the `ics` extension. The mime format would be text/calendar2 and the application to use can be Notepad, Outlook, or something similar. This would have to be need on every user client and might not be the best choice for large deployments.

2. In the *server-root*/cal/bin/config/en directory, modify the format files so that the text/html format comes after the text/calendar format. Note: This could disable the Outlook interoperability.

   For additional information about setting the calendar display name to the LDAP CN, see:

   ```
   http://knowledgebase.iplanet.com/ikb/kb/articles/4964.html
   ```

New Calendar doesn't display in the Calendars view (4607517)

A calendar created through Calendar Express sometimes doesn't display in the list on the Calendars view, even though the calendar is listed as subscribed to. This problems occurs on a server with multiple CPUs.

Workaround

Refresh/reload the browser to refresh the Calendars view.

Until date for a repeating event shows one day after original date (4622462)

Create a repeating event that repeats every weekday and set a specific Until date. Then, if you edit the event and click "Change repeat pattern", the new Until date is one day after the original Until date. For the repeating event, the Calendar Server is using Zulu time rather than the local time. Also, the default for the Until date is reset to Forever. If you click OK, the Until date for the event changes to Forever.

Workaround

After you make your choices for a repeating event, review the choices and make sure that the default for the Until date is not set to Forever. If you have doubts, click Cancel and not OK.

Calendar Server doesn't create all instances if repeat until date is earlier than default (4625452)

Create a repeating event. On the Daily tab, click Every weekday and specify a repeat Until date earlier then the default Until date. The Calendar Server creates only one or two instances of the event.

Workaround

Use the default Until date or a later date, and then delete the events you don't need.

Localization resource files are not current and need to be removed (4628091)

The installed localized resource files are not the latest versions and are out of sync with Calendar Server 5.1. As a result, if you specify a non-English language, the localized Calendar Express user interface is not the latest localized version.

Workaround

The iPlanet Calendar Server 5.1 release will be localized in French (fr), German (de), Japanese (ja), and Spanish (es). Watch for an announcement regarding the release of these localized products. When the localized release you want is available, remove the old localized resource files and then upgrade to the new localized release.

Calendar Server 5.1 Documentation

The Calendar Server 5.1 documentation set includes:

- iPlanet Calendar Express Online Help—Revised for this release.

- *iPlanet Calendar Server 5.1 Installation Guide*—Revised for this release.

- *iPlanet Calendar Server 5.1 Administrator's Guide*—Revised for this release.

- *iPlanet Calendar Server Programmer's Manual*—Revised for this release.

- *iPlanet Messaging and Collaboration Schema Reference*—New for this release. It describes the LDAP object classes and attributes for iPlanet Messaging Server and iPlanet Calendar Server.

- *iPlanet Messaging and Collaboration Event Notification Service Manual*—New for this release. It contains generic and product specific ENS information for both iPlanet Messaging Server 5.2 and iPlanet Calendar Server 5.1. Two ENS chapters, formerly in the *iPlanet Calendar Server Programmer's Manual*, have been moved to this manual.

- New Features for Calendar Express 5.1—Revised for this release.

- Release Notes (this document)—Revised for this release.

The Calendar Express Online Help is available with the Calendar Express software. All other Calendar Server 5.1 documentation is available on the iPlanet documentation web site:

```
http://docs.iplanet.com/docs/manuals/calendar.html
```

Corrections to the Documentation

The *iPlanet Calendar Server 5.1 Installation Guide* states the `ncs4migrate` utility is located in the *server-root*/`cal/bin/` directory. For some releases, `ncs4migrate` is not available in this directory. See Migrating Data to Calendar Server 5.1 for more information.

Calendar Server 5.1 Localization

The iPlanet Calendar Server 5.1 release will be localized in French (fr), German (de), Japanese (ja), and Spanish (es). Watch for an announcement regarding the release of these localized products.

For a Calendar Express end user to access a localized version of the Calendar Server, the character set required to render the particular language must be available in the end user's browser configuration.

How to Report Problems

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

- iPlanet online support web site at:

- `http://www.iplanet.com/support/support_services_10_0.html`

  From this location, the CaseTracker and CaseView tools are available for logging problems.

- 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 iPlanet customer 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

Where to Find More Information

Useful iPlanet information can be found at the following locations:

*   iPlanet release notes and other documentation

    `http://docs.iplanet.com/docs/manuals/`

*   iPlanet product status

    `http://www.iplanet.com/support/technical_resources/`

*   iPlanet Professional Services information

    `http://www.iplanet.com/services/professional_services_3_3.html`

*   iPlanet developer information

    `http://developer.iplanet.com/`

*   iPlanet learning solutions

    `http://www.iplanet.com/learning/index.html`

*   iPlanet Knowledge Base

    `http://www.iplanet.com/support/knowledge_base_10_1.html`

*   iPlanet product data sheets

    `http://www.iplanet.com/products/product_map/product_name_2_0a.html`

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