Oracle® Beehive

Release Notes

Release 1 (1.5)

E14829-08

October 2009

This document was updated on October 21, 2009.

ORACLE®

Oracle Beehive Release Notes, Release 1 (1.5)

E14829-08

Contents

4 Installation and Configuration Notes

5 High Availability Notes

6 Administration Notes

7 Oracle Beehive Service Notes

8   Oracle Beehive Web Services Notes

9   Coexistence Notes

10   Oracle Beehive Extensions for Outlook Notes

11   Oracle Beehive Extensions for Explorer Notes

12   Oracle Beehive Zimbra Notes

13 Oracle Beehive Workspaces Client Notes

14 Oracle Beehive Conferencing Notes

15 Mobility Notes

16   Operating System Notes

17   Globalization Notes

18   Documentation Notes

x

List of Tables

Preface

This Preface contains the following topics:

- Release Coverage
- Audience
- Documentation Accessibility
- Related Documents
- Conventions

> **Note:** This document was updated on October 21, 2009.

Release Coverage

This document contains the release notes for the following releases on the Linux, Microsoft Windows (32-bit), and Solaris (SPARC 64-bit) operating systems::

- Oracle Beehive Release 1 (1.5.1.0.0)
- Oracle Beehive Release 1 (1.5.1.1.0)
- Oracle Beehive Release 1 (1.5.1.2.0)
- Oracle Beehive Release 1 (1.5.1.3.0)
- Oracle Beehive Release 1 (1.5.1.4.0)
- Oracle Beehive Release 1 (1.5.1.5.0)

Unless specified otherwise, the information contained in this document applies to all of these releases.

Audience

This document is intended for administrators who perform the following tasks:

- Install Oracle Beehive and its components
- Instruct users on how to perform workarounds for known issues
- Manage Oracle Beehive and its components

To use this document, you need experience with software installation and administration.

Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible to all users, including users that are disabled. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at http://www.oracle.com/accessibility/.

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

Accessibility of Links to External Web Sites in Documentation

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

Deaf/Hard of Hearing Access to Oracle Support Services

To reach Oracle Support Services, use a telecommunications relay service (TRS) to call Oracle Support at 1.800.223.1711. An Oracle Support Services engineer will handle technical issues and provide customer support according to the Oracle service request process. Information about TRS is available at http://www.fcc.gov/cgb/consumerfacts/trs.html, and a list of phone numbers is available at http://www.fcc.gov/cgb/dro/trsphonebk.html.

Related Documents

For more information, refer to the following documents in the Oracle Beehive documentation library:

- *Oracle Beehive Administrator's Guide*
- *Oracle Beehive Administrator's Reference Guide*
- *Oracle Beehive Application Developer's Guide*
- *Oracle Beehive Central Help*
- *Oracle Beehive Concepts*
- *Oracle Beehive Conferencing Help*
- *Oracle Beehive Deployment Guide*
- *Oracle Beehive Extensions for Explorer Help Supplement*
- *Oracle Beehive Extensions for Outlook Help Supplement*
- *Oracle Beehive Installation Guide for Linux*
- *Oracle Beehive Installation Guide for Microsoft Windows*
- *Oracle Beehive Installation Guide for Solaris Operating System (SPARC 64-Bit)*

- *Oracle Beehive Licensing Information*

- *Oracle Beehive Mobile Devices Configuration Help*

- *Oracle Beehive Release Notes*

- *Oracle Beehive Standards-based Clients Help*

- *Oracle Beehive Workspaces Client Help*

- *Oracle Beehive Zimbra Help*

- *Oracle Beekeeper Online Help*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

Changes in Oracle Beehive Release Notes

The first edition of Oracle Beehive Release Notes Release 1 (1.5) was produced on May 1, 2009. This module lists the changes that have been made in each edition. All changes are cumulative.

- Changes in Oracle Beehive Release Notes: October 21, 2009

- Changes in Oracle Beehive Release Notes: September 16, 2009

- Changes in Oracle Beehive Release Notes: August 5, 2009

- Changes in Oracle Beehive Release Notes: June 30, 2009

- Changes in Oracle Beehive Release Notes: June 2, 2009

- Changes in Oracle Beehive Release Notes: May 14, 2009

- Changes in Oracle Beehive Release Notes: May 7, 2009

- Changes in Oracle Beehive Release Notes: May 1, 2009

> **Note:** For changes made to Oracle Beehive Release Notes prior to Release 1 (1.5), please refer to *Oracle Beehive Release Notes Release 1 (1.4)*

Changes in Oracle Beehive Release Notes: October 21, 2009

The followingx table lists the changes made in the October 21, 2009 edition of the Oracle Beehive Release Notes.

Table 1–1 Changes in Oracle Beehive Release Notes: October 21, 2009

Section	Change
"Other Features and Enhancements"	Added a note stating that Oracle Beehive Release 1 (1.5.1.5) and later support Apple iCal 4.0
"General Administration Notes"	Added the release note "Properties and Preference Set Names are Case Sensitive"
"Known Limitations and Workarounds with Installation and Configuration"	Added the release note "File May Cause Installation of Oracle Beehive on Linux and UNIX-based Operating Systems to Fail" (Bug 8937842)
"Known Issues with Coexistence"	Added the release note "Issues May Occur if Administrative Group and Routing Group Differ for Microsoft Exchange Server Host Computer" (Bug 8880141)

Table 1–1   (Cont.) Changes in Oracle Beehive Release Notes: October 21, 2009

Section	Change
"General Notes About Oracle Beehive Extensions for Outlook"	Revised the title of the release note "Service Pack 2 or Later Required When Running Oracle Beehive Extensions for Outlook on Microsoft Windows XP" to better convey the requirement

Changes in Oracle Beehive Release Notes: September 16, 2009

The following table lists the changes made in the September 16, 2009 edition of the Oracle Beehive Release Notes.

Table 1–2   Changes in Oracle Beehive Release Notes: September 16, 2009

Section	Change
"General Notes About Installation and Configuration"	Added the release note "Additional Packages Required When Installing Oracle Beehive for Linux on 64-bit Red Hat Linux Systems" (Bug 8841613)
"Known Limitations and Workarounds with Installation and Configuration"	Added the release note "Account for ORAESB Schema May Get Locked During Upgrade from Oracle Beehive Release 1 (1.4.3) to Oracle Beehive Release 1 (1.5)" (Bug 8791914)
"General Administration Notes"	Added the release note "Running `beectl` as Root User Not Supported and May Cause Undesired Results" (Bug 8838233)
"Known Issues with Oracle Beehive Services"	Revised the release note "Oracle Beehive Does Not Transmit Formatting in Chat Room Messages" (Bug 8273433) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later
"Known Issues with Oracle Beehive Administration Documentation"	Added the release note "Inaccurate Reference to Running `beectl` as Root User" (Bug 8827540)

Changes in Oracle Beehive Release Notes: August 5, 2009

The following table lists the changes made in the August 5, 2009 edition of the Oracle Beehive Release Notes.

Table 1–3   Changes in Oracle Beehive Release Notes: August 5, 2009

Section	Change
"General Notes"	New section; contains the release note "Links to the Lists of Resolved Issues in Oracle Beehive Patchsets"
"New Features in Oracle Beehive Release 1 (1.5)"	Added the release note "Oracle Beehive Central Enhancements"
"Known Issues with Oracle Beehive Zimbra"	Revised the release note "Users Unable to Open E-mail Messages Attached to Events as .eml Files" (Bug 8452224) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.3) and later
"Known Limitations and Workarounds with the Oracle Beehive Workspaces Client"	Revised the release note "Oracle Beehive Workspaces Client Does Not Allow Successive Attempts for Unresolved Document Uploads" (Bug 8460651) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.3) and later
"Known Mobility Limitations and Workarounds"	Added the release note "Upgrading Oracle Beehive Overrides Custom Mobile Device Profile Settings" (Bugs 8556534, 8556595, and 8571953)

Changes in Oracle Beehive Release Notes: June 30, 2009

The following tables lists the changes made in the June 30, 2009 edition of the Oracle Beehive Release Notes.

Table 1–4   Changes in Oracle Beehive Release Notes: June 30, 2009

Section	Change
"Known Administration Issues"	Revised the release note "Oracle Beehive May Not Update Users' Timezone Attribute After LDAP Synchronization" (Bug 8341466) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later
"Known Limitations and Workarounds with Oracle Beehive Services"	Revised this section as follows: ■ Revised the release note "Syndication Service Generates Extraneous Message Details in Log Files" (Bug 8372599) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later ■ Revised the release note "Removing Approver from One Resource Removes Approver From All Resources" (Bug 8422319) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later
"Known Issues with Oracle Beehive Services"	Revised the release note "Oracle Beehive Allows Users to Rename Workspaces Despite Conflicts with Organization Names" (Bug 8374419) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later
"General Coexistence Notes"	Added the release note "Oracle Beehive No Longer Supports Team Collaboration-enabled Coexistence"
"Known Limitations and Workarounds with Oracle Beehive Extensions for Outlook"	Revised this section as follows: ■ Revised the release note "Oracle Beehive Extensions for Outlook Retains Sensitivities When Documents are Added to Folders" (Bug 8433984) as this limitation is resolved in Oracle Beehive Release 1 (1.5.1.2) and later ■ Added the release note "Oracle Beehive Extensions for Outlook Does Not Support GAL Entries Scoped at the Organization Level"
"Known Limitations and Workarounds with Oracle Beehive Extensions for Explorer"	Revised the release note "Oracle Beehive Extensions for Explorer Does Not Support Non-Interactive (Silent) Installations" (Bug 8481473) as this limitation is resolved in Oracle Beehive Release 1 (1.5.1.2) and late
"Known Limitations and Workarounds with Oracle Beehive Zimbra"	Revised the release note "Error Message Appears When Delegated Users Modify Events with GAL-based Group Attendees" (Bug 8448506) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later
"Known Issues with Oracle Beehive Zimbra"	Revised the release note "Emptying Trash Folder May Fail Due to Errors" (Bugs 8429265 and 8440766) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later
"Known Limitations and Workarounds with the Oracle Beehive Workspaces Client"	Added the release note "Oracle Beehive Does Not Propagate Meetings Scheduled by Coexisting Exchange Users Through Workspaces Client"

Table 1–4 (Cont.) Changes in Oracle Beehive Release Notes: June 30, 2009

Section	Change
"Known Issues with the Oracle Beehive Workspaces Client"	Revised the following release notes as these issues are resolved in Oracle Beehive Release 1 (1.5.1.2) and later: ■ "Opening Wiki Pages that Contain Multiple Comments May Result in Error Messages" (Bug 8403667) ■ "Adding Files to Workspaces May Fail in High Availability Deployments if Oracle Beehive Application Tier Instances Shut Down During File Uploads" (Bug 8393033)
"Known Issues with Oracle Beehive Conferencing"	Revised the release note "Arrow Lines May Not Appear in Microsoft PowerPoint Slides During Web Conferences" (Bug 8283516) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later
"Known Issues with Oracle Beehive Globalization"	Revised the release note "Task Notifications Sent to Users in French (Canadian) Locale May Contain Additional Characters" (Bug 7716276) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later

Changes in Oracle Beehive Release Notes: June 2, 2009

The following tables lists the changes made in the June 2, 2009 edition of the Oracle Beehive Release Notes.

Table 1–5 Changes in Oracle Beehive Release Notes: June 2, 2009

Section	Change
"General Limitations and Workarounds"	Added the release note "Sensitivities and Sharing Content" (Bug 7698547)
"Known Administration Issues"	Added the release note "Attempting to Execute the modify_ hostname Command May Fail" (Bug 8445542)
"Known Limitations and Workarounds with Oracle Beehive Services"	Revised this section as follows: ■ Added the release note "Oracle Beehive Displays Reminders for Day Events in Oracle Beehive Extensions for Outlook Only" (Bug 6345545) ■ Added the release note "CalDAV Client Users Cannot Set Series-level Reminders for Recurring Events with Multiple Attendees" (Bug 7387438)
"Known Issues with Oracle Beehive Services"	Revised this section as follows: ■ Added the release note "Oracle Beehive Allows Users to Rename Workspaces Despite Conflicts with Organization Names" (Bug 8374419) ■ Added the release note "Syndication Service Generates Extraneous Message Details in Log Files" (Bug 8372599)
"Known Limitations and Workarounds with Oracle Beehive Extensions for Explorer"	New section; Added the release note "Oracle Beehive Extensions for Explorer Does Not Support Non-Interactive (Silent) Installations" (Bug 8481473)

Table 1–5 (Cont.) Changes in Oracle Beehive Release Notes: June 2, 2009

Section	Change
"Known Limitations and Workarounds with Oracle Beehive Zimbra"	Revised this section as follows: ■ Revised the release note "Revoking Sharing Privileges Through Oracle Beehive Zimbra May Not Take Effect Immediately" (Bug 7692030) to more accurately reflect the limitation described ■ Added the release note "Error Message Appears When Delegated Users Modify Events with GAL-based Group Attendees" (Bug 8448506)
"Known Issues with Oracle Beehive Zimbra"	Added the release note "Users Unable to Open E-mail Messages Attached to Events as .eml Files" (Bug 8452224)
"Known Limitations and Workarounds with the Oracle Beehive Workspaces Client"	Added the release note "Oracle Beehive Workspaces Client Does Not Allow Successive Attempts for Unresolved Document Uploads" (Bug 8460651)
"Known Issues with Oracle Beehive Installation Documentation"	Removed the release note "Oracle Beehive Installation Guides Incorrectly Advises Readers to Apply Oracle Database 11g (11.1.0.7) Patch 8214576" as this issue is resolved in latest version of the *Oracle Beehive Installation Guide*

Changes in Oracle Beehive Release Notes: May 14, 2009

The following table lists the changes made in the May 14, 2009 edition of the Oracle Beehive Release Notes.

Table 1–6 Changes in Oracle Beehive Release Notes: May 14, 2009

Section	Changes
"Known Limitations and Workarounds with Installation and Configuration"	Revised this section as follows: ■ Revised the release note "Deployments with Large Numbers of Calendar Assignments May Experience Higher Database Loads After Upgrading to Oracle Beehive Release 1 (1.5)" (Bug 8374920) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later ■ Added the release note "Oracle Beehive Installation Fails if Oracle Home and Installation Media on Different Partitions" (Bug 8501498)
"Known Issues in High Availability Environments"	Added the release note "Oracle Beehive May Log "Multiple Connection" Warnings for Threads in High Availability Deployments with RAC Affinity Enabled" (Bug 8290685)
"Known Limitations and Workarounds with Oracle Beehive Services"	Revised the release note "Attempting to Restart the Audit Service May Fail if Oracle Beekeeper is Installed" (Bug 8294034) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later

Table 1–6   (Cont.) Changes in Oracle Beehive Release Notes: May 14, 2009

Section	Changes
"Known Issues with Oracle Beehive Services"	Revised this section as follows: ■ Revised the release note "Dynamic Group Creation Results in Error if Query Returns Multiple Hits for a User" (Bug 7658387) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later ■ Added the release note "Oracle Beehive Does Not Transmit Formatting in Chat Room Messages" (Bugs 8273433 and 8362457) ■ Added the release note "Oracle Beehive Central Displays Blank Page After Logout if Oracle Single Sign-On (OSSO) is Enabled" (Bug 7829126)
"Known Limitations and Workarounds with the Oracle Beehive Workspaces Client"	Revised the release note "Oracle Beehive Workspaces Client May Not be Accessible After Restarting BEECLIENT OC4J" (Bug 8429409) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later
"Known Issues with the Oracle Beehive Workspaces Client"	Revised the release note "Oracle Beehive Workspaces Client May Display Incorrect Users Names in Deployments with Large User Bases" (Bug 8393291) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later
"Known Limitations and Workarounds with Oracle Beehive Conferencing"	Revised this section as follows: ■ Added the release note "Recommendation to Install Voice Conferencing Media Server on Separate Computer" ■ Added the release note "Recommendation on Limiting the Number of Active Speakers During Voice Conferences" ■ Revised the release note "Initial Attempt to Join Conference from Oracle Beehive Central with Microsoft Internet Explorer 7 Shows Conference List Instead" (Bug 8392092) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later
"General Mobility Notes"	Revised the release note "SMS Message Delivery Limited to United States and Canada" (Bug 8466463) as this issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later
"Known Issues with Oracle Beehive Administration Documentation"	Added the release note "Incomplete Description Provided for LockoutTime Property" (Bug 7455743)

Changes in Oracle Beehive Release Notes: May 7, 2009

The following table lists the changes made in the May 7, 2009 edition of the Oracle Beehive Release Notes.

Table 1–7   Changes in Oracle Beehive Release Notes: May 7, 2009

Section	Change
"Known Limitations and Workarounds with Installation and Configuration"	Changed the title and minor details of "Spaces in Installation Package Directory Path Prevent Installer from Launching"
"Known Administration Limitations and Workarounds"	Added the release note "beectl and Oracle Beekeeper Expose Deprecated Search Service Properties" (Bug 7028998)

Table 1–7   (Cont.) Changes in Oracle Beehive Release Notes: May 7, 2009

Section	Change
"Known Administration Issues"	Revised this section as follows: ■ Added the release note "Oracle Beekeeper Generates Additional Login Event Entries" (Bug 8305263) ■ Added the release note "Unable to Purge Users Who Have Offline Instant Messages" (Bug 8362518)
"Known Limitations and Workarounds with Oracle Beehive Services"	Moved the following release notes to the "Known Limitations and Workarounds with Oracle Beehive Conferencing" section in the "Oracle Beehive Conferencing Notes" module: ■ "Sun Solaris Does Not Support Oracle Beehive Voice Conferencing" (Bugs 7336591 and 7338531) ■ "Initial Attempt to Join Conference from Oracle Beehive Central with Microsoft Internet Explorer 7 Shows Conference List Instead" (Bug 8392092)
"Known Issues with Oracle Beehive Extensions for Outlook"	Added the release note "Delegated Users May Be Able to View Granters' Content After Delegation Privileges Revoked" (Bug 8369097)
"Known Limitations and Workarounds with Oracle Beehive Zimbra"	Revised this section as follows: ■ Added the release note "Searching on E-mail Folders May Return Unexpected Search Results" (Bugs 7551179, 7563840, 7669970, 7669974, and 8439501) ■ Added the release note "Clicking the Find Attendees Tab While Creating a Meeting May Result in Error Message" (Bug 8448667)
"Known Issues with Oracle Beehive Zimbra"	Added the release note "Using Oracle Beehive Zimbra to Search on Dates Will Fail for Some Locales" (Bug 8416716)
"Known Issues with the Oracle Beehive Workspaces Client"	Added the release note "Adding Files to Workspaces May Fail in High Availability Deployments if Oracle Beehive Application Tier Instances Shut Down During File Uploads" (Bug 8393033)
"Known Limitations and Workarounds with Oracle Beehive Conferencing"	New section
"Known Issues with Oracle Beehive Conferencing"	New section; added the release note "Arrow Lines May Not Appear in Microsoft PowerPoint Slides During Web Conferences" (Bug 8283516)
"Known Issues with Oracle Beehive Globalization"	Added the release note "Task Notifications Sent to Users in French (Canadian) Locale May Contain Additional Characters" (Bug 7716276)
"Known Issues with Oracle Beehive Installation Documentation"	Added the release note "Oracle Beehive Installation Guides Incorrectly Advises Readers to Apply Oracle Database 11g (11.1.0.7) Patch 8214576"

Changes in Oracle Beehive Release Notes: May 1, 2009

The following table lists the changes made in the May 1, 2009 edition of the Oracle Beehive Release Notes.

Table 1–8   Changes in Oracle Beehive Release Notes: May 1, 2009

Section	Change
"General Notes About Installation and Configuration"	Revised this section as follows: ■ Removed the release note "Patch 7459672 Required for Deployments Upgrading to Oracle Beehive Release 1 (1.4.1.0.0) for Linux" as this content does not apply to Oracle Beehive Release 1 (1.5) ■ Revised the release note "Configuring Oracle Beehive Zimbra in Same Oracle Home as Oracle Beehive" to more accurately reflect the latest options for installing Oracle Beehive Zimbra ■ Removed the release note "Verifying Maximum Number of Open File Descriptors Recommended" as this information is provided in the *Oracle Beehive Installation Guide* for all operating systems ■ Removed the release note "32-Bit Shell Emulation Required for 64-Bit Operating Systems" as this information is provided in the *Oracle Beehive Installation Guide* for all operating systems

Table 1–8   (Cont.) Changes in Oracle Beehive Release Notes: May 1, 2009

Section	Change
"Known Limitations and Workarounds with Installation and Configuration"	Revised this section as follows:
	■ Removed the release note "Conflicts with Oracle Beekeeper and Oracle Database ONS Ports Result in Large OPMN Log Files" as this limitation (Bug 7365175) is resolved in Oracle Beehive Release 1 (1.5)
	■ Removed the release note "Root URL for Oracle Beekeeper Not Automatically Updated During Upgrade to Oracle Beehive Release 1 (1.4.3)" (Bug 7582794) as this issue does not apply to Oracle Beehive Release 1 (1.5)
	■ Remove the release note "Oracle Enterprise Manager Grid Control May Return Incorrect Value for Available Physical Memory when Installing Oracle Beehive" (Bug 7489313)
	■ Removed the release note "Oracle Beehive Prerequisite Checks Will Fail for Third-Party Sun Solaris Patches" (Bug 6628667)
	■ Added the release note ""Missing Streams" Message May Appear in Logminer Log File During Oracle Beehive Installation" (Bug 6317006)
	■ Added the release note "Specifying a Nonexistent Directory Path During the Oracle Beehive Provisioning Application Installation Results in an Error" (Bug 8309265)
	■ Added the release note "Deploying Oracle Beehive With Non-ASCII Data Fields Requires UTF-8 Encoded Locales" (Bugs 7362094 and 8370724)
	■ Added the release note "Oracle Beehive Install Wizard Does Not Restore Previously Selected Template Choice" (Bug 7629704)
	■ Added the release note "Deployments with Large Numbers of Calendar Assignments May Experience Higher Database Loads After Upgrading to Oracle Beehive Release 1 (1.5)" (Bug 8374920)
	■ Added the release note "Upgrade to Oracle Beehive Release 1 (1.5) May Fail for Deployments With Cloned Application Tiers and Sites" (Bug 8407373)
	■ Added the release note "Upgrade to Oracle Beehive Release 1 (1.5) May Fail for Deployments that Applied Oracle Application Server Critical Patch Updates (CPUs)"
	■ Added the release note "Oracle Beehive Release 1 (1.5) Installation May Fail if Global Database Name Contains a Hyphen or Begins with a Digit" (Bug 8274411)
	■ Added the release note "Upgrade to Oracle Beehive Release 1 (1.5) Will Fail if tnsnames.ora Does Not Exist" (Bug 8439537)
	■ Added the release note "Upgrade to Oracle Beehive Release 1 (1.5) for Linux May Fail Due to Incorrect Max Heap Memory Size Setting" (Bug 8463832)
	■ Added the release note "Integrating Oracle Single Sign-On (OSSO) with Oracle Beehive May Result in Degradation of System Performance" (Bug 8283818)
"Known Limitations and Workarounds in High Availability Environments"	Removed the release note "High Availability Deployments Configured to Use SSL May Experience False ONS Notification Errors" (Bug 6692689 and 6978935) as this issue has been resolved in Oracle Beehive Release 1 (1.5)

Table 1–8 (Cont.) Changes in Oracle Beehive Release Notes: May 1, 2009

Section	Change
"General Administration Notes"	Removed the release note "Using ESCAPE to Prepend Special Characters When Adding or Removing E-mail Addresses" as this information is provided in the *Oracle Beehive Administrator's Guide*
"Known Administration Limitations and Workarounds"	Revised this section as follows: ■ Removed the release note "Device Management Tab in Oracle Beekeeper is Blank" (Bug 7328615) as this limitation is resolved in Oracle Beehive Release 1 (1.5) and later ■ Revised the release note "OPMN Required for Controlling Oracle Beekeeper's OC4J Instances" to include additional methods for controlling OPMN with Oracle Beehive Release 1 (1.5) on Microsoft Windows (32-bit) ■ Updated the bug number (Bug 8332399) for the release note "Restarting Oracle Beehive Application Tier Instances Requires Restart of Oracle Beekeeper OC4J Instances" for tracking purposes ■ Removed the release note "Services Intermittently Disappear from View in Oracle Beekeeper" (Bug 7396076) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later ■ Removed the release note "Oracle Beekeeper Does Not Provide Interface to Key Virus Scanning Options" (Bug 7257339) ■ Removed the release note "list_statistics Command Not Supported by the Access Control Service and all_components Option" (Bug 7244892) ■ Removed the release note "Oracle Beekeeper "Simple Relay Mode" Option Not Supported" (Bug 7426636) ■ Removed the release note "jps-config.xml File Contains Invalid Settings" (Bug 8237631) as this issue does not apply to Oracle Beehive Release 1 (1.5) ■ Added the release note "Upgrading to Oracle Beekeeper Release 1 (1.5) Changes Protocol Setting" (Bug 8301211)
"Known Administration Issues"	Revised this section as follows: ■ Removed the release note "External Resources Do Not Appear in Oracle Beekeeper" (Bug 7006108) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later ■ Removed the release note "Attempting to Update Device Type Profile in Oracle Beekeeper May Result in Error" (Bug 7136764) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later ■ Removed the release note "Incorrect Version Number in Oracle Beekeeper 1.4.3.1" (Bug 8235711) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later ■ Removed the release note "Administrators with Resource Manager Privileges May Be Unable to Create Resources in Oracle Beekeeper" (Bug 7028411) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later ■ Added the release note "Oracle Beehive May Not Update Users' Timezone Attribute After LDAP Synchronization" (Bug 8341466)

Table 1–8   (Cont.) Changes in Oracle Beehive Release Notes: May 1, 2009

Section	Change
"Known Limitations and Workarounds with Oracle Beehive Services"	Revised this section as follows: ■ Removed the release note "Users Cannot Search E-mail Message Text After Upgrade to Oracle Beehive Release 1 (1.4.3)" (Bug 7583349) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later ■ Removed the release note "IMAP RFC 2086 Not Supported" (Bug 6346965) ■ Revised the release note "IMAP Service Does Not Support Non-ASCII Characters in E-mail Body Searches" (Bug 7174724) to more accurately reflect the limitation ■ Added the release note "Instant Messaging Service Does Not Support Trillian Connection on XmppPort" (Bug 7455397) ■ Added the release note "Removing Approver from One Resource Removes Approver From All Resources" (Bug 8422319) ■ Added the release note "Initial Attempt to Join Conference from Oracle Beehive Central with Microsoft Internet Explorer 7 Shows Conference List Instead" (Bug 8392092) ■ Added the release note "Attempting to Restart the Audit Service May Fail if Oracle Beekeeper is Installed" (Bug 8294034)
"Known Issues with Oracle Beehive Services"	Revised this section as follows: ■ Removed the release note "Workspace Subscription Notifications for Add Member Events Fail if User Names are Greater Than 90 Characters" (Bug 6330881) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later ■ Removed the release note "Mozilla Lightning Users Unable to Dismiss Task and Meeting Alarms" (Bug 6852984) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later ■ Added the release note "Incorrect Message Appears When Moving Folders with Microsoft Windows XP Web Folders" (Bug 8326201) ■ Added the release note "Dynamic Group Creation Results in Error if Query Returns Multiple Hits for a User" (Bug 7658387) ■ Added the release note "Attempting to View Details of Meetings with Group Participants in Oracle Beehive Central May Result in Error Message" (Bug 8481546)
"General Coexistence Notes"	Added the release note "Oracle Beehive Clients that Provide Time Management Functionality not Intended for Coexisting Third-Party Users"

Table 1–8 (Cont.) Changes in Oracle Beehive Release Notes: May 1, 2009

Section	Change
"Known Limitations and Workarounds with Oracle Beehive Extensions for Outlook"	Revised this section as follows: ■ Removed the release note "Large Deployments of Oracle Beehive Extensions for Outlook May Experience Performance Degradation" (Bug 7275123) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later ■ Removed the release note "Oracle Beehive Extensions for Outlook Unable to Connect Over HTTPS" (Bugs 7459046, 7484112, 7513960, and 7525959) as this limitation is resolved in Oracle Beehive Release 1 (1.5) and later ■ Added the release note "Oracle Beehive Extensions for Outlook Retains Sensitivities When Documents are Added to Folders" (Bug 8433984)
"Known Issues with Oracle Beehive Extensions for Outlook"	Removed the release note "Accepted On Date of Assigned Task Not Shown" (Bug 6354862) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later
"Known Limitations and Workarounds with Oracle Beehive Zimbra"	Revised this section as follows: ■ Removed the release note "Oracle Beehive Integration for Zimbra Does Not Support Spell Checking on E-mail Messages" (Bug 6999636) ■ Added the release note "Revoking Sharing Privileges Through Oracle Beehive Zimbra May Not Take Effect Immediately" (Bug 7692030)
"Known Issues with Oracle Beehive Zimbra"	Revised this section as following: ■ Removed the release note "Attempting to Invite Dynamic Groups to Meetings Using Oracle Beehive Integration for Zimbra May Result in Errors" (Bug 7275024) as this issue is resolved in Oracle Beehive Release 1 (1.5) ■ Removed the release note "Oracle Beehive Zimbra Does Not Synchronize Some Contact Information" (Bugs 7316047 and 7176142) as this issue is resolved in Oracle Beehive Release 1 (1.5) ■ Removed the release note "Oracle Beehive Zimbra May Not Restore Default Settings" (Bug 6997197) as this issue is resolved in Oracle BeehiveRelease 1 (1.5) ■ Removed the release note "Oracle Beehive Zimbra Does Not Store HTML and XML Formats in Event Details" (Bug 6913681) as this issue is resolved in Oracle Beehive Release 1 (1.5) ■ Removed the release note "Oracle Beehive Zimbra Does Not Display Number of Unread E-mail Messages" (Bug 6908264) as this issue is resolved in Oracle Beehive Release 1 (1.5) ■ Removed the release note "Oracle Beehive Zimbra Does Not Return Search Results From Trash Folder" (Bug 7296600) as this issue is resolved in Oracle Beehive Release 1 (1.5) ■ Added the release note "Emptying Trash Folder May Fail Due to Errors" (Bugs 8429265 and 8440766)
"Known Limitations and Workarounds with the Oracle Beehive Workspaces Client"	Added the release note "Oracle Beehive Workspaces Client May Not be Accessible After Restarting BEECLIENT OC4J" (Bug 8429409)

Table 1–8   (Cont.) Changes in Oracle Beehive Release Notes: May 1, 2009

Section	Change
"Known Issues with the Oracle Beehive Workspaces Client"	Revised this section as follows: ■ Added the release note "Oracle Beehive Workspaces Client May Display Incorrect Users Names in Deployments with Large User Bases" (Bug 8393291) ■ Added the release note "Opening Wiki Pages that Contain Multiple Comments May Result in Error Messages" (Bug 8403667)
"General Mobility Notes"	Revised this section as follows: ■ Added the release note "SMPP Mode Recommended When Configuring SMS Messages" ■ Added the release note "SMS Message Delivery Limited to United States and Canada" (Bug 8466463)
"Known Mobility Limitations and Workarounds"	Revised this section as follows: ■ Removed the release note "Oracle Beehive Does Not Support Opera Web Browser" (Bug 7388127) as this limitation is resolved in Oracle Beehive Release 1 (1.5) and later ■ Removed the release note "List of Mobile Devices Not Yet Supported by Oracle Beehive" (Bugs 7130951 and 7216967) ■ Added the release note "Oracle Beehive Does Not Differentiate Between Required and Optional Attendees in Windows Mobile"
"Known Mobility Issues"	Added the release note "SMS Messages Sent to Users through Service Providers Based Outside of the United States May Appear Corrupted" (Bug 8439781)
"Known Limitations and Workarounds with Globalization"	Removed two bullets (Bugs 7324443 and 7325778) in the release note "Oracle Beehive Supports ASCII Characters in Users' Native Languages Only" as these limitations are resolved in Oracle Beehive Release 1 (1.5)
"Known Issues with Oracle Beehive Installation Documentation"	Removed the release note "Oracle Beehive Installation Guides Contain Incorrect Path for jps-config.xml (Bug 8236864)" as this issue does not apply to Oracle Beehive Release 1 (1.5)
"Known Issues with Oracle Beehive Administration Documentation"	Revised this section as follows: ■ Removed the release note "Format for Entering Values that Begin with Hyphens(-) Does Not Work" (Bug 6601536) as this issue is resolved in Oracle Beehive Release 1 (1.5) ■ Removed the release note "Oracle Beehive Administrator's Guide Refers to Unsupported E-mail Service Option ('Use simple relay mode')" (Bug 7426636) as this issue is resolved in Oracle Beehive Release 1 (1.5) ■ Added the release note "Inaccurate Description and Examples Provided for export_icalendar Command" (Bug 8314404)
"Known Issues with Oracle Beehive End-User Documentation"	Removed the release note "Oracle Beehive End-User Help Contains Incorrect Parameter Name" (Bug 7653206) as this issue is resolved in Oracle Beehive Release 1 (1.5) and later

2

New Features in Oracle Beehive

This module describes the new features and capabilities in the following Oracle Beehive releases:

- New Features in Oracle Beehive Release 1 (1.5)

> **Note:** For changes made to Oracle Beehive Release Notes prior to Release 1 (1.5), please refer to *Oracle Beehive Release Notes Release 1 (1.4)*

New Features in Oracle Beehive Release 1 (1.5)

This section describes the following features and capabilities that are introduced in Oracle Beehive Release 1 (1.5):

- Oracle Beehive Extensions for Explorer
- Oracle Beehive Workspaces Client
- Oracle Beehive Central Enhancements
- Oracle Beehive Extensions for Outlook Enhancements
- Oracle Beehive Zimbra Enhancements
- Enhancements for Mobile Device Support
- Oracle Beehive Conferencing Enhancements
- Other Features and Enhancements

Oracle Beehive Extensions for Explorer

Oracle Beehive Extensions for Explorer is an extension to Microsoft® Windows® Explorer that provides Oracle Beehive users direct access to their workspaces and workspace content, such as folders and documents. Oracle Beehive Extensions for Explorer also facilitates seamless team collaboration. For example, users can launch Oracle Beehive conferences directly from Windows Explorer, where they can share and discuss workspace content in real time.

Oracle Beehive Extensions for Explorer is supported on the Microsoft Windows XP and Vista operating systems.

Oracle Beehive Workspaces Client

Oracle Beehive Workspaces Client is a Web-based client that leverages dynamic, wiki page technology to support team collaboration activities in Oracle Beehive workspaces. Through Oracle Beehive Workspaces Client, users can perform a variety

of collaborative tasks on a workspace-by-workspace basis, including create and manage workspaces, wiki pages, documents, and calendar events, to name a few.

Oracle Beehive Workspaces Client supports the following Web browsers on the Microsoft Windows XP, Microsoft Vista, Mac OS X, and Linux operating systems:

- Apple Safari 3.1 and later
- Microsoft Internet Explorer 7
- Mozilla Firefox 3.0 and later

Oracle Beehive Central Enhancements

In Oracle Beehive Release 1 (1.5.1.3) and later, Oracle Beehive Central contains the following enhancements:

- **My Account:** Set country and time zone; check available disk space and view Oracle Beehive services currently in use.
- **Conference:** Install the Oracle Beehive Conferencing client and start or join an Oracle Beehive conference.
- **Downloads:** Download other Oracle Beehive clients.
- **Access Rights:** Delegate permissions or grant sharing permissions to other users for your personal workspace .
- **Calendar and Tasks:** Set working hours, apply sensitivities and priorities, and enable reminders for meetings and tasks.
- **E-mail:** Create and manage server-side rules for your Oracle Beehive e-mail.
- **Out of Office:** Create and then enable or disable an out-of-office reply for incoming e-mail messages.
- **Phone:** Register and manage mobile phone devices, and reset your office phone password.

Oracle Beehive Extensions for Outlook Enhancements

The latest release of Oracle Beehive Extensions for Outlook provides the following features and enhancements:

- **Document management enhancements:** Includes manual document locking/unlocking (replaces implicit locking behavior); the ability to configure version control; check out, check in, and cancel check out operations; and the ability to set sensitivities on documents.
- **New server-side rule support:** Oracle Beehive Extensions for Outlook now supports the server-side rule "Where the To or Cc line contains people".
- **Reminders for calendar day events:** Oracle Beehive Extensions for Outlook now supports reminders for all-day events in calendars.
- **Server-side directory searching:** Users can search server-side user directories.
- **Profile Migration Wizard support for nicknames:** The profile migration wizard for Oracle Beehive Extensions for Outlook now allows users to migrate nicknames along with other profile data.

Oracle Beehive Zimbra Enhancements

The latest release of Oracle Beehive Zimbra provides the following features and enhancements:

- **Latest Zimbra client:** Oracle Beehive Zimbra is now based on the Zimbra 5.0.9 Web client, supporting the latest browser versions for Mozilla Firefox, Apple Safari, and Microsoft Internet Explorer.

- **Support for tasks:** Oracle Beehive Zimbra adds tasks to messaging functionality that already included e-mail, calendar, and address book.

- **Support for shared folders and team workspaces:** With Oracle Beehive Zimbra, users can add other users' shared folders and team workspace folders.

Enhancements for Mobile Device Support

Oracle Beehive Release 1 (1.5) provides the following enhancement for supported mobile devices:

- **Enhanced support for Microsoft Windows Mobile:** Oracle Beehive support for Microsoft Windows Mobile has been enhanced to provide a calendaring, address book, and tasks plug-in for Pocket Outlook to go along with existing mobile pushmail capabilities. These plug-ins enable users to manage and synchronize their calendars, address books, and tasks with the Oracle Beehive Server.

- **Shape Services IM Plus certification:** The Shape Services IM Plus client for mobile instant messaging has been certified with Oracle Beehive. Shape Services is available on multiple mobile platforms.

Oracle Beehive Conferencing Enhancements

The latest release of Oracle Beehive Conferencing provides the following features and enhancements:

- **Conference recording:** Oracle Beehive Conferencing now includes conference recording with recordings stored in the users' personal workspaces.

- **Document sharing and time management enhancements:** Oracle Beehive Conferencing provides improved support for sharing documents with TrueType and optimized integration of time management (scheduling) capabilities.

Other Features and Enhancements

While there are many additional enhancements throughout Oracle Beehive, two notable enhancements include:

- **Expanded server-side rule support:** Oracle Beehive Extensions for Outlook and Oracle Beehive Central now support server-side rules based on the "To" and "CC" fields.

- **Support for workspace-based RSS feeds:** Oracle Beehive Workspaces Client enables users to subscribe to RSS feeds for recent workspace activities across multiple and individual workspaces.

- **Support for Apple iCal 4.0:** Oracle Beehive Release 1 (1.5.1.5) and later support Apple iCal 4.0, which is offered with Mac OS X 10.6 (Snow Leopard).

3
General Notes

This module contains the following type of information about Oracle Beehive:

- General Notes
- General Limitations and Workarounds

General Notes

This sections contains information related to Oracle Beehive in general, and contains the following topic:

- Links to the Lists of Resolved Issues in Oracle Beehive Patchsets

Links to the Lists of Resolved Issues in Oracle Beehive Patchsets

The list of resolved issues for each Oracle Beehive patchset can be found at the following links:

- Resolved Issues in Oracle Beehive 1.5.1.1 Cumulative Patch
- Resolved Issues in Oracle Beehive 1.5.1.2 Cumulative Patch
- Resolved Issues in Oracle Beehive 1.5.1.3 Cumulative Patch
- Resolved Issues in Oracle Beehive 1.5.1.4 Cumulative Patch
- Resolved Issues in Oracle Beehive 1.5.1.5 Cumulative Patch

General Limitations and Workarounds

This section contains information about known limitations and workarounds related to Oracle Beehive in general, and contains the following topics:

- Deploying Oracle Beehive with Oracle Database 11.1.0.6 May Result in Mailstore Access Error
- Sensitivities and Sharing Content

Deploying Oracle Beehive with Oracle Database 11.1.0.6 May Result in Mailstore Access Error

Customers deploying Oracle Beehive with Oracle Database 11.1.0.6 may experience a mailstore access error (Bug 6794475) in some situations. Please contact Oracle Support if you plan to deploy Oracle Beehive Release 1 (1.3) or later with Oracle Database 11.1.0.6.

Sensitivities and Sharing Content

Bug 7698547. When users explicitly grant other users access to content through sharing, they also implicitly grant access to any content that has the same sensitivities as the specified content. For example, if a user grants another user access to a calendar that has a sensitivity of "Normal", the second user can also access any of the first user's content that has the same sensitivity, such as certain folders, documents, e-mail messages, and so on. In some cases, this may not be the users' intentions. Therefore, Oracle strongly recommends that users apply sensitivities to their content with this in mind and that they only share content that has sensitivities designated for public exposure.

4

Installation and Configuration Notes

This module contains the following types of information related to Oracle Beehive installation and configuration:

- General Notes About Installation and Configuration
- Known Limitations and Workarounds with Installation and Configuration

General Notes About Installation and Configuration

This section contains general information about the installation and configuration of Oracle Beehive. It contains the following topic:

- Configuring Oracle Beehive Zimbra in Same Oracle Home as Oracle Beehive
- Additional Packages Required When Installing Oracle Beehive for Linux on 64-bit Red Hat Linux Systems

Configuring Oracle Beehive Zimbra in Same Oracle Home as Oracle Beehive

Oracle Beehive Zimbra will be installed and configured in the same Oracle home as Oracle Beehive if you install Oracle Beehive on a computer with at least 3 gigabytes (GBs) of memory and you select the Server + Client template during the installation process.

Additional Packages Required When Installing Oracle Beehive for Linux on 64-bit Red Hat Linux Systems

> **Note:** The requirement described here applies to 64-bit systems running supported Red Hat Linux operating systems only.

If you plan to deploy Oracle Beehive for Linux on a 64-bit system running a supported Red Hat Linux operating system, ensure that the following packages are installed on your system beforehand:

- gdbm-1.8.0-26.2.1-i386.rpm (32-bit)
- glibc-devel-2.3.4-2.19.i686.rpm (32-bit)
- glib-devel-1.2.10-15-i386.rpm (32-bit)
- glib-1.2.10-15-i386.rpm (32-bit)

These packages should be installed in addition to the packages listed in "Requirements for 64-Bit Systems" section in the *Oracle Beehive Installation Guide for Linux*.

Known Limitations and Workarounds with Installation and Configuration

This section contains information about known limitations and workarounds related to the installation and configuration of Oracle Beehive. It contains the following topics:

- Multiple Cloned Instances From Same Clone Tree Not Recommended

- Spaces in Installation Package Directory Path Prevent Installer from Launching

- Installation for Oracle Beehive Zimbra May Fail if Oracle Beehive is Configured for TLS with Test Certificates

- Installing Oracle Beehive on Sun Solaris May Fail During Core Configuration

- Non-ASCII Characters in Enterprise and Organization Names Causes Installation Through Oracle Enterprise Manager Grid Control 10.2.0.4 to Fail

- "Missing Streams" Message May Appear in Logminer Log File During Oracle Beehive Installation

- Specifying a Nonexistent Directory Path During the Oracle Beehive Provisioning Application Installation Results in an Error

- Deploying Oracle Beehive With Non-ASCII Data Fields Requires UTF-8 Encoded Locales

- Oracle Beehive Install Wizard Does Not Restore Previously Selected Template Choice

- Deployments with Large Numbers of Calendar Assignments May Experience Higher Database Loads After Upgrading to Oracle Beehive Release 1 (1.5)

- Upgrade to Oracle Beehive Release 1 (1.5) May Fail for Deployments With Cloned Application Tiers and Sites

- Upgrade to Oracle Beehive Release 1 (1.5) May Fail for Deployments that Applied Oracle Application Server Critical Patch Updates (CPUs)

- Oracle Beehive Release 1 (1.5) Installation May Fail if Global Database Name Contains a Hyphen or Begins with a Digit

- Upgrade to Oracle Beehive Release 1 (1.5) Will Fail if tnsnames.ora Does Not Exist

- Upgrade to Oracle Beehive Release 1 (1.5) for Linux May Fail Due to Incorrect Max Heap Memory Size Setting

- Integrating Oracle Single Sign-On (OSSO) with Oracle Beehive May Result in Degradation of System Performance

- Oracle Beehive Installation Fails if Oracle Home and Installation Media on Different Partitions

- Account for ORAESB Schema May Get Locked During Upgrade from Oracle Beehive Release 1 (1.4.3) to Oracle Beehive Release 1 (1.5)

- File May Cause Installation of Oracle Beehive on Linux and UNIX-based Operating Systems to Fail

Multiple Cloned Instances From Same Clone Tree Not Recommended

A clone tree consists of an Oracle Beehive instance (the source instance), instances cloned from the source instance, and instances cloned from clones of the source instance. Oracle does not recommend deploying more than one Oracle Beehive instance from the same clone tree. However, if you think this might be the best option for you, contact your Oracle Support representative.

Spaces in Installation Package Directory Path Prevent Installer from Launching

> **Note:** This known limitation affects Oracle Beehive Release 1 (1.3.2.0.0) and later for the Microsoft Windows (32-bit) only.

If your installation package resides in a directory path that contains spaces, you will not be able to launch the installation by double-clicking the `setup.exe` icon within the Disk1 directory. Please either run `setup.exe` from a command shell or move your installation package to a path that does not contain spaces.

Installation for Oracle Beehive Zimbra May Fail if Oracle Beehive is Configured for TLS with Test Certificates

Bug 7326046. Attempts to install Oracle Beehive Integration for Zimbra on an Application Tier computer configured for TLS with test certificates may fail. Administrators can avoid this issue by ensuring that the specified Oracle Wallet contains real certificates. For more information, please contact Oracle Support.

Installing Oracle Beehive on Sun Solaris May Fail During Core Configuration

> **Note:** This known limitation affects Oracle Beehive Release 1 (1.3.2.0.0) and later for Solaris Operating System (SPARC 64-bit) only.

Bug 7332530. Installing Oracle Beehive on the Sun Solaris operating system may fail during the Core Configuration CA step. To avoid this issue, Oracle recommends installing Sun Solaris patch 127127-11.

Non-ASCII Characters in Enterprise and Organization Names Causes Installation Through Oracle Enterprise Manager Grid Control 10.2.0.4 to Fail

> **Note:** This issue only affects deployments that use Oracle Enterprise Manager Grid Control 10.2.0.4 to install and configure Oracle Beehive.

Bug 7362094. Attempts to install Oracle Beehive with Oracle Enterprise Manager Grid Control 10.2.0.4 using non-ASCII characters in either the enterprise or organization name field will fail. To avoid this issue, do not use non-ASCII characters in either of these fields.

Oracle Enterprise Manager Grid Control May Return Incorrect Value for Available Physical Memory when Installing Oracle Beehive

Bug 7489313. If you use Oracle Enterprise Manager Grid Control to install Oracle Beehive, the automatic memory prerequisite check may return an incorrect value for available physical memory. This is due to an issue with Oracle Universal Installer that rounds down the actual value.

In some cases, the incorrect value may appear to be too low to successfully install certain components, such as Oracle Beehive Zimbra. Oracle Enterprise Manager Grid Control may even reflect this incorrect assessment in its log files. However, if there is enough actual physical memory available, you will receive a message that states the memory check passed (despite the log file entry to the contrary) and all components will install correctly.

"Missing Streams" Message May Appear in Logminer Log File During Oracle Beehive Installation

Bug 6317006. During the Oracle Beehive installation process, Logminer might log one or more messages in its log file indicating "missing streams". These messages are the result of Logminer attempting to mine a database table that is unrelated to Oracle Beehive. Therefore, please ignore these messages.

Specifying a Nonexistent Directory Path During the Oracle Beehive Provisioning Application Installation Results in an Error

Bug 8309265. Specifying a nonexistent directory path for the Software Library Location during the Oracle Beehive Provisioning Application installation will result in an error. To avoid this issue, at the interview screen for the Software Library Location in the Provisioning Application installation, ensure that you specify an absolute, non-empty directory path.

For example:

`/app/oracle/<software_lib_location>` (UNIX)

or

`c:\app\oracle\<software_lib_location>` (Windows)

where `<software_lib_location>` is the existing folder for the Software Library Location.

Deploying Oracle Beehive With Non-ASCII Data Fields Requires UTF-8 Encoded Locales

> **Note:** This limitation applies to deployments on supported UNIX and Linux operating systems only.

Bugs 7362094 and 8370724. If you plan to deploy Oracle Beehive using non-ASCII data for your enterprise, organization, or site, the computers that you intend to host the Oracle Beehive server must use a locale with UTF-8 encoding, such as fr_FR.utf8 or zh_TW.utf8.

You can ensure this by setting the `LC_ALL` and `LANG` environment variables appropriately on the console where the agent for Oracle Enterprise Manager Grid Control starts.

Oracle Beehive Install Wizard Does Not Restore Previously Selected Template Choice

Bug 7629704. If you exit the Oracle Beehive Install Wizard prior to completing the installation process and then reenter the wizard, you will be asked to complete any missing interview questions. For the Template section, ensure that you choose the same template that you chose during the original installation attempt. The Install Wizard will not restore the previously selected Template choice for you.

Deployments with Large Numbers of Calendar Assignments May Experience Higher Database Loads After Upgrading to Oracle Beehive Release 1 (1.5)

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later.

Bug 8374920. Deployments with large numbers of calendar assignments (>10,000) may experience higher database loads after upgrading to Oracle Beehive Release 1 (1.5). This issue is caused by a background task that can consume an increasing amount of database processing resources if large numbers of assignments exist. In addition to higher database loads, database session timeouts may also occur.

For instructions on how to prevent and resolve this issue, please contact Oracle Support.

Upgrade to Oracle Beehive Release 1 (1.5) May Fail for Deployments With Cloned Application Tiers and Sites

> **Note:** This issue only applies to deployments that originally installed Oracle Beehive Release 1 (1.2) or Release 1 (1.3). If your organization first deployed Oracle Beehive Release 1 (1.4) or later, the issue described here does not apply.

Bug 8407373. If your organization installed Oracle Beehive Release 1 (1.2) or Release 1 (1.3) and subsequently cloned one or more application tiers or sites, the upgrade to Oracle Beehive Release 1 (1.5) may fail. To avoid this issue, please refer to the steps provided in the "Before Upgrading" section of the *Oracle Beehive Installation Guide* for your operating system.

Upgrade to Oracle Beehive Release 1 (1.5) May Fail for Deployments that Applied Oracle Application Server Critical Patch Updates (CPUs)

> **Note:** This issue only applies to deployments that applied an Oracle Application Server Critical Patch Update (CPU) patch to one or more Oracle Beehive Release 1 (1.4.3) application tiers.

The upgrade to Oracle Beehive Release 1 (1.5) may fail if your organization applied an Oracle Application Server Critical Patch Update (CPU) patch to any of your Oracle Beehive Release 1 (1.4.3) application tiers. To avoid this issue, follow the steps described in OracleMetaLink Note 735631.1, "Symbol Referencing Error on nzospRandNum When AS Patchset Applies Patch 4601861 (CPU Patch Previously

Applied)." Oracle MetaLink Note 735631.1 describes how to roll back previously applied CPU patches and apply the latest CPU patch for the new patchset version.

Oracle Beehive Release 1 (1.5) Installation May Fail if Global Database Name Contains a Hyphen or Begins with a Digit

Bug 8274411. The installation for Oracle Beehive Release 1 (1.5) may fail if the name of your global database contains a hyphen (-) or begins with a digit. To avoid this issue, ensure that the global database name used by your Oracle Beehive deployment does not contain a hyphen or begin with a digit.

Upgrade to Oracle Beehive Release 1 (1.5) Will Fail if tnsnames.ora Does Not Exist

> **Note:**   This issue only applies to deployments that originally installed Oracle Beehive Release 1 (1.2) or Release 1 (1.3). If your organization first deployed Oracle Beehive Release 1 (1.4) or later, the issue described here does not apply.

Bug 8439537. If your organization originally installed Oracle Beehive Release 1 (1.2) or Release 1 (1.3), the tnsnames.ora file may not exist in your deployment. If this is the case, the upgrade to Oracle Beehive Release 1 (1.5) will fail. To avoid this issue, please refer to the steps provided in the "Before Upgrading" section of the *Oracle Beehive Installation Guide* for your operating system.

Upgrade to Oracle Beehive Release 1 (1.5) for Linux May Fail Due to Incorrect Max Heap Memory Size Setting

> **Note:**   This issue only affects deployments that upgrade to Oracle Beehive Release 1 (1.5) for Linux on the following supported operating systems:
>
> - SuSE Linux Enterprise 9.0 with Service Pack 2 and later
> - SuSE Linux Enterprise 10.0

Bug 8463832. The Upgrade Assistant for Oracle Beehive Release 1 (1.5) for Linux does not change the max heap memory size setting (as it should) during the upgrade process on the SuSE Linux Enterprise 9.0 and SuSE Linux Enterprise 10.0 operating systems only. As a result, the upgrade to Oracle Beehive Release 1 (1.5) fails when deployed on these operating systems.

To resolve this issue, complete the following steps:

1. After the failure, access the wsmadmin.sh file in the following location:

   `$OH/owsm/bin/`

2. In wsmadmin.sh, search for all instances of the value `2048` and replace them with the value `1024`.

3. Save wsmadmin.sh.

4. Retry the Upgrade Assistant. The upgrade should complete successfully.

Integrating Oracle Single Sign-On (OSSO) with Oracle Beehive May Result in Degradation of System Performance

Bug 8283818. Integrating Oracle Single Sign-On (OSSO) with Oracle Beehive will cause a significant increase in the memory allocation for Beehive JVM BEECORE, which may result in a degradation of system performance.

Oracle Beehive Installation Fails if Oracle Home and Installation Media on Different Partitions

Bug 8501498. Attempts to install Oracle Beehive Release 1 (1.5) for Microsoft Windows on deployments where your Oracle Home and the Oracle Beehive installation media reside on different partitions will fail during the Beehive Schema Configuration Assistant.

If this occurs, complete the following steps to resolve this issue:

1. In the Oracle Beehive Install Wizard, click **Cancel**.

   > **Note:** Skip this step if you chose to install Oracle Beehive using the silent install option.

2. Execute the following command:

   ```
   OH\beehive\oobwiz\configWizard.bat
   ```

   This launches the Beehive Schema Configuration Assistant and enables you to continue the installation.

Account for ORAESB Schema May Get Locked During Upgrade from Oracle Beehive Release 1 (1.4.3) to Oracle Beehive Release 1 (1.5)

Bug 8791914. Upgrading from Oracle Beehive Release 1 (1.4.3) to Oracle Beehive Release (1.5) causes the account for the ORAESB schema to become locked if <u>all</u> of the following are conditions are true:

- Your deployment uses Oracle Database 11g Release 1 (11.1.0.7) Enterprise Edition or later.

- The password for your ORAESB schema account contains uppercase characters.

- The Oracle Database parameter `sec_case_sensitive_logon` is set to `true` (in other words, `alter system set sec_case_sensitive_logon=true;`)

If all of these conditions exist, do at least one of the following before you upgrade to Oracle Beehive Release 1 (1.5):

- Change the password for your ORAESB schema account so that it does not contain any uppercase characters.

- Set the Oracle Database parameter `sec_case_sensitive_logon` to `false`, as follows:

   ```
   alter system set sec_case_sensitive_logon=false;
   ```

File May Cause Installation of Oracle Beehive on Linux and UNIX-based Operating Systems to Fail

> **Note:** This issue applies to deployments on supported Linux and UNIX-based operating systems only.

Installing Oracle Beehive on a computer running a Linux or UNIX-based operating system may fail if the `tnsnames.ora` file already exists in any of the following directories:

`/etc`

`/var/opt/oracle`

To avoid this issue, either delete or rename `tnsnames.ora` prior to installing Oracle Beehive. If you choose to rename the file, you can change it back to its original name after you install and configure Oracle Beehive.

5

High Availability Notes

This module contains the following type of information regarding Oracle Beehive deployments in high availability environments:

- Known Limitations and Workarounds in High Availability Environments
- Known Issues in High Availability Environments

Known Limitations and Workarounds in High Availability Environments

This section contains known limitations and workarounds for Oracle Beehive deployments in high availability environments, and includes the following topic:

- BEEAPP OC4J Failures May Cause Some XMPP Clients to Experience Delays Upon Reconnection

BEEAPP OC4J Failures May Cause Some XMPP Clients to Experience Delays Upon Reconnection

Bug 7041499. If one or more BEEAPP OC4J instances fail, users of XMPP clients may experience initial delays of up to several minutes when reconnecting to the system. This includes deployments that have multiple Oracle Beehive Application Tier instances or that have multiple instances of the BEEAPP OC4J. This issue occurs in cases where a user's roster was maintained in the cache of a failed node but not in the surviving nodes. The delay occurs until the system can restore the user's roster in the surviving nodes, which typically takes several minutes or less.

Known Issues in High Availability Environments

Ths section contains known issiues for Oracle Beehive deployments in high availability environments, and includes the following topic:

- Oracle Beehive May Log "Multiple Connection" Warnings for Threads in High Availability Deployments with RAC Affinity Enabled

Oracle Beehive May Log "Multiple Connection" Warnings for Threads in High Availability Deployments with RAC Affinity Enabled

Bug 8290685. Oracle Beehive may log "multiple connection" warnings for threads in high availability deployments where RAC affinity is enabled. These warnings appear in OC4J logs and are attributed to Oracle Beehive services, such as the Time Management Service and the E-mail Service.

6

Administration Notes

This module contains the following types of information regarding Oracle Beehive administration:

- General Administration Notes
- Known Administration Limitations and Workarounds
- Known Administration Issues

General Administration Notes

This section contains general information that is useful to Oracle Beehive administrators, and includes the following topics:

- Troubleshooting and Diagnosing Issues with Oracle Beehive
- Enterprise Manager Grid Control Documentation
- Oracle Beekeeper Compatibility
- Oracle Beekeeper Recommended for Configuring E-mail Rules
- Oracle Beehive No Longer Supports Local Updates of JVM Start and Stop Parameters
- Running `beectl` as Root User Not Supported and May Cause Undesired Results
- Properties and Preference Set Names are Case Sensitive

Troubleshooting and Diagnosing Issues with Oracle Beehive

When attempting to troubleshoot or diagnose issues related to Oracle Beehive, please refer to the infrastructure (core) log file of the OC4J instance where Oracle Beehive is deployed. This log file provides the most useful information if issues occur, especially workspace-related issues. Also, Oracle recommends referring to this file whenever you communicate with Oracle Support Services to diagnose and resolve issues.

Typically, you can access this log file in the following location:

```
$ORACLE_HOME/beehive/logs/oc4j/BEECORE/log.txt
```

For connectivity issues, refer to the log files in the following location:

```
$ORACLE_HOME/beehive/logs/bti/
```

The main application log file is in the following location:

```
$ORACLE_HOME/beehive/logs/oc4j/BEEAPP/log.txt
```

Command-line events are captured in log files in the following location:

```
$ORACLE_HOME/beehive/logs/beectl/
```

Management events are captured in log files in the following location:

```
$ORACLE_HOME/beehive/logs/oc4j/BEEMGMT
```

Enterprise Manager Grid Control Documentation

For documentation on Enterprise Manager Grid Control, including release notes that are specific to that product, please refer to the following link:

http://download.oracle.com/docs/cd/B16240_01/doc/nav/portal_booklist.htm

Oracle Beekeeper Recommended for Configuring E-mail Rules

Oracle recommends that administrators use Oracle Beekeeper to configure E-mail Service rules. If you prefer to use beectl for this purpose, please contact Oracle Support for assistance.

Oracle Beekeeper Compatibility

Each release of Oracle Beekeeper is only compatible with its associated release of Oracle Beehive. For example, Oracle Beekeeper 1.3.1.0.0 is only compatible with Oracle Beehive 1.3.1.0.0, and so on.

Oracle Beehive No Longer Supports Local Updates of JVM Start and Stop Parameters

Prior to Oracle Beehive Release 1 (1.4), Oracle Beehive required administrators to update JVM start and stop parameters for OC4Js and the Oracle Beehive BTI in local copies of the opmn.xml file. However, in Oracle Beehive Release 1 (1.4) and later this method is no longer supported.

To update JVM start and stop parameters, administrators must now enter changes in the Oracle Beehive Central Configuration Repository using the beectl command line tool. Also, after updating any parameters, administrators should execute the modify_local_configuration_files command and restart any OPMN or OC4J instances as necessary. The modify_local_configuration_files command culls updates from the Oracle Beehive Central Configuration Repository and pushes them to local copies of the opmn.xml file.

Running beectl as Root User Not Supported and May Cause Undesired Results

Bug 8838233. Oracle strongly recommends that you do not run the beectl command-line tool as root as this action is not supported and may cause undesired results.

Properties and Preference Set Names are Case Sensitive

All Oracle Beehive property and preference set names are case sensitive. When using the beectl command-line tool to set the value for a property or preference set, ensure that you use the correct case for the property or preference set name.

Known Administration Limitations and Workarounds

This section contains information on known limitations and workarounds related to Oracle Beehive administration, and includes the following topics:

- Oracle LogMiner and the SYSAUX Tablespace

- Password Change May Result in LDAP Synchronization Account Getting Locked Out

- Running `beectl` Commands in Oracle Home as Root User Causes Issues

- Deleting Archive Logs Prematurely Causes Issues with Search

- Error While Shutting Down Oracle Beehive Database

- OPMN Required for Controlling Oracle Beekeeper's OC4J Instances

- Date and Time Formats in Oracle Beekeeper May Not Display Correctly in Multi-byte Languages

- Restarting Oracle Beehive Application Tier Instances Requires Restart of Oracle Beekeeper OC4J Instances

- Oracle Beekeeper Does Not Return Users to Login Page After Session Timeouts

- Oracle Beehive Does Not Provide Statistics for External Components

- Upgrading to Oracle Beekeeper Release 1 (1.5) Changes Protocol Setting

- beectl and Oracle Beekeeper Expose Deprecated Search Service Properties

Oracle LogMiner and the SYSAUX Tablespace

Oracle Beehive uses Oracle LogMiner extensively, which enables you to query online and archived redo log files through an SQL interface. By default, Oracle LogMiner stores its data in the SYSAUX tablespace.

By default, the SYSAUX tablespace contains one datafile (bigfile) in auto-extensible mode. This means that if SYSAUX is almost out of space, the RDBMS kernel will physically increase the size of the datafile, which is a time-consuming operation.

To prevent this operation from occurring too frequently, perform one of the following recommendations:

- Make sure that there is enough space in the SYSAUX tablespace and apply the recommendations in OracleMetaLink note 429599.1, "How to Reduce the Highwater of LOGMNR_RESTART_CKPT$ in 10.2"

  or,

- Make sure that there is enough space in SYSAUX and increase the size of disk space to be allocated automatically when more extends are required. (The default is the size of one data block). Specify this size in the NEXT clause of the autoextend_clause in the SQL statement ALTER DATABASE

  or,

- Call the DBMS_LOGMNR_D.SET_TABLESPACE procedure to re-create all LogMiner tables in an alternate tablespace. Ensure that the alternate tablespace has the characteristics specified in recommendation 2 (specifying a larger amount of disk space to be allocated when more extends are required).

Password Change May Result in LDAP Synchronization Account Getting Locked Out

> **Note:** This known limitation only affects deployments that leverage an external user directory, such as Oracle Internet Directory, Microsoft Active Directory, and Sun Java Directory Server.

In cases where an external user directory is used, changing the password of the LDAP account used for synchronization (not the password of a regular user account) may result in that account getting locked out. This will occur if Oracle Beehive attempts to authenticate multiple times using the stored (old) password.

To avoid this situation, complete the following steps whenever you change the password of the LDAP account used for synchronization:

1. Disable the synchronization directory profile by issuing the following command:

```
$ beectl modify_property --component <profile_name> --name
ProfileState --value DISABLE
```

For example:

```
$ beectl modify_property --component oidldapdirectoryprofile
--name ProfileState --value DISABLE
```

2. Activate the configuration by issuing the following command:

```
$ beectl activate_configuration
```

3. In the external user directory, change the password of the LDAP account used for synchronization.

4. Update the Oracle Beehive LDAP configuration file with the account's new password.

5. Enable the synchronization directory profile by issuing the following command:

```
$ beectl modify_property --component <profile_name> --name
ProfileState --value ENABLE
```

For example:

```
$ beectl modify_property --component oidldapdirectoryprofile
--name ProfileState --value ENABLE
```

6. Activate the configuration by issuing the following command:

```
$ beectl activate_configuration
```

7. Issue the `modify_local_configuration_files` command.

For more information on this and other commands issued in this procedure, please refer to *Oracle Beehive Administrator's Reference Guide*.

Running `beectl` Commands in Oracle Home as Root User Causes Issues

For Oracle Beehive instances in the UNIX and LINUX operating systems, running any `beectl` commands in your Oracle home as the root user may cause issues. Oracle strongly recommends that you do not run any `beectl` commands in your Oracle home as the root user. Instead, you should always run commands as the user who installed your Oracle Beehive instance.

Deleting Archive Logs Prematurely Causes Issues with Search

Deleting archive logs before the Oracle Database Change Data Capture (CDC) service has processed them will causes issues. If this occurs, please contact Oracle Support Services for information on how to resolve your situation.

Error While Shutting Down Oracle Beehive Database

Bug 6751859. Shutting down an Oracle Database instance associated with your Oracle Beehive deployment may result in the following error:

```
ORA-00600: internal error code, arguments:
[LibraryCacheNotEmptyOnClose], [], [], [], [], [], [], []
```

Ignore this error as it indicates that some items remain in the library cache when closing down the instance. The error itself occurs after the database close and dismount stages so it only affects the instance shutdown itself. All datafiles have been closed cleanly and no additional steps are required.

OPMN Required for Controlling Oracle Beekeeper's OC4J Instances

Bug 7316433. To control Oracle Beekeeper OC4J instances, administrators need to leverage OPMN. The method for controlling OC4J instances depends on your operating system, as follows:

Table 6–1   Supported Methods for Controlling Oracle Beehive OC4J Instances

Release	Method
Oracle Beehive Release 1 (1.5) for Linux	Run $OH/opmn/bin/opmnctl to start and stop an OC4J instance.
Oracle Beehive Release 1 (1.5) for Microsoft Windows (32-bit)	Use one of the following methods: ■ **Command shell:** Run $OH\opmn\bin\opmnctl to start and stop an OC4J instance, but only do so from a command shell and only after setting the variable OPMN_USE_ORACLELIBS to `false` within the command shell. ■ **Windows Service Manager:** Leverage OPMN through Windows Service Manager, either through the GUI provided or from the command line using the Windows `net start` command. **Note:** Logging out of the Microsoft Windows computer where Oracle Beekeeper resides will terminate the administration tool.
Oracle Beehive Release 1 (1.3.2) for Solaris Operating System (SPARC 64-bit)	Run $OH/opmn/bin/opmnctl to start and stop an OC4J instance.

Date and Time Formats in Oracle Beekeeper May Not Display Correctly in Multi-byte Languages

> **Note:**   This issue applies to Oracle Beehive Release 1 (1.3.2.0.0) for Solaris Operating System (SPARC 64-bit) and later.

Bug 7328539. In Oracle Beekeeper, the date and time formats may not display correctly in multi-byte languages, such as Chinese, Korean, and Japanese. In these cases, other characters, such as question marks (?), may replace characters in date and time entries. This includes the characters that are used to represent "AM" and "PM" in these locales.

Restarting Oracle Beehive Application Tier Instances Requires Restart of Oracle Beekeeper OC4J Instances

Bug 8332399. If you restart an Oracle Beehive application tier instance, you must also restart any OC4J instances for Oracle Beekeeper residing in the same site.

Oracle Beekeeper Does Not Return Users to Login Page After Session Timeouts

Bug 6835314 and 7023557. Oracle Beekeeper does not return users to the Login page after session timeouts. To minimize the risk of experiencing this issue, Oracle recommends that you set the session timeout value for your Oracle Beekeeper instance to 3600 seconds or higher.

Oracle Beehive Does Not Provide Statistics for External Components

Bug 7519613. Through supported administration clients, Oracle Beehive provides administrators with data for a variety of statistical measures, such as counts for login successes and failures. However, Oracle Beehive does not provide statistical data for external components that might be deployed with the system. For example, counts for login successes and failures are not provided for Oracle Enterprise Single Sign-On.

Upgrading to Oracle Beekeeper Release 1 (1.5) Changes Protocol Setting

Bug 8301211. The Oracle Beekeeper upgrade utility provided by Oracle Beehive Release 1 (1.5) changes the protocol setting for Oracle Beekeeper from "https" to "http".

To correct this change, do the following:

1. Open the default-web-site.xml file, located in the following Oracle Beekeeper directory:

   `home/j2ee/home/config`

2. Change the value of the `protocol` setting from "http" to "https".

3. Save default-web-site.xml.

4. Restart Oracle Beekeeper.

beectl and Oracle Beekeeper Expose Deprecated Search Service Properties

Bug 7028998. The `beectl` command-line utility and Oracle Beekeeper expose the following Search Service properties although these properties are no longer supported by Oracle Beehive:

- CrawlCalendarsEnabled

- CrawlDocumentsEnabled

- CrawlEmailsEnabled

Attempting to enable or disable these properties has no effect on the system as this functionality is now provided by default when the Search Service is enabled.

Known Administration Issues

This section contains information about known issues related to Oracle Beehive administration, and includes the following topics:

- Entering Unsupported Property Values in Oracle Beekeeper May Result in Generic Error Messages

- Oracle Beehive May Not Update Users' Timezone Attribute After LDAP Synchronization

- Oracle Beekeeper Generates Additional Login Event Entries

- Unable to Purge Users Who Have Offline Instant Messages

- [Attempting to Execute the modify_hostname Command May Fail](#)

Entering Unsupported Property Values in Oracle Beekeeper May Result in Generic Error Messages

Bug 7241913. Entering unsupported values for properties in Oracle Beekeeper may result in generic error messages that do not identify the source of the issues. For example, the Next Command Timeout property (under SMTP Properties - InboundVMS) only supports positive integers. If you enter a value of "0" for this property, an error message will appear implying an "unexpected method invocation exception" occurred, rather than a message that states that "0" is an invalid entry for this property.

Oracle Beehive May Not Update Users' Timezone Attribute After LDAP Synchronization

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bug 8341466. If a TimeZone map is created in the LDAP sync profile after the users have been synchronized from LDAP, it will not cause the users' timezone attribute values to be updated in Oracle Beehive.

Oracle Beekeeper Generates Additional Login Event Entries

Bug 8305263. Oracle Beekeeper generates a login event entry each time a page refreshes in the administration tool. This results in additional login event entries in the Audit repository for each deployment. These entries do not impact the normal functioning of Oracle Beekeeper or Oracle Beehive, and, therefore, can be ignored.

Unable to Purge Users Who Have Offline Instant Messages

> **Note:** This issue only applies to deployments that originally installed Oracle Beehive Release 1 (1.2) or Release 1 (1.3). If your organization first deployed Oracle Beehive Release 1 (1.4) or later, the issue described here does not apply.

Bug 8362518. Attempts to purge users who have offline instant messages will fail.

Attempting to Execute the modify_hostname Command May Fail

Bug 8445542. Attempting to execute the `modify_hostname` command and some its options may fail. If you need to execute the `modify_hostname` command, please contact Oracle Support.

7

Oracle Beehive Service Notes

This module contains the following types of information regarding Oracle Beehive services:

- Known Limitations and Workarounds with Oracle Beehive Services
- Known Issues with Oracle Beehive Services

Known Limitations and Workarounds with Oracle Beehive Services

This section contains information about known limitations and workarounds related to Oracle Beehive services, and includes the following topics:

- Server-side Rules Based on E-mail Subject Field May Fail When Virus Exists
- Mozilla Lightning Prevents Users from Adding Attendees to Tasks
- CalDAV Does Not Support Non-ASCII Characters in Credentials
- Attempts to Download Files Over FTP in Active Mode May Fail
- Creating Custom Template to Audit Subscription Event Results in Error
- Search Service Does Not Index Documents in Some Cases
- IMAP Service Does Not Support Non-ASCII Characters in E-mail Body Searches
- Non-ASCII File and Folder Names May Become Corrupted Through WebDAV
- Instant Messaging Service Does Not Support Trillian Connection on XmppPort
- Removing Approver from One Resource Removes Approver From All Resources
- Attempting to Restart the Audit Service May Fail if Oracle Beekeeper is Installed
- Oracle Beehive Displays Reminders for Day Events in Oracle Beehive Extensions for Outlook Only
- CalDAV Client Users Cannot Set Series-level Reminders for Recurring Events with Multiple Attendees
- Syndication Service Generates Extraneous Message Details in Log Files

Server-side Rules Based on E-mail Subject Field May Fail When Virus Exists

If Oracle Beehive identifies a virus in an incoming e-mail message, the E-mail Service will automatically modify the value of the Subject field to indicate that the message has been altered as a preventive measure. However, this may prevent Oracle Beehive from correctly enforcing any server-side rules that are based on the Subject field of the e-mail message.

Mozilla Lightning Prevents Users from Adding Attendees to Tasks

Bug 6845472. Due to a limitation of Mozilla Lightning, users of that product are unable to add attendees to tasks if they do not specify a start date and end date. To overcome this limitation, users must specify a start date and end date for the tasks that they create and want to assign to attendees.

For more information, please refer to following Web page provided at Mozilla's website:

https://bugzilla.mozilla.org/show_bug.cgi?id=399762

CalDAV Does Not Support Non-ASCII Characters in Credentials

Bugs 7009025 and 6997672. The CalDAV standard does not support non-ASCII credentials in user credentials. If your organization plans to leverage the CalDAV Service, please ensure that your users have or create credentials that contain ASCII characters only.

Attempts to Download Files Over FTP in Active Mode May Fail

Bug 7321883. Attempts to download files over FTP while in active mode may fail. To avoid this issue, configure FTP to use passive mode.

Creating Custom Template to Audit Subscription Event Results in Error

Bug 7408738. Creating a custom audit template that audits the event TM_SUBSCRIPTION_OCCURRENCE_RESOURCE_PARTICIPANT_INDIRECTLY_UPDATED results in an error. The workaround for this issue is to create a custom template that instead audits the event's parent (TM_SUBSCRIPTION_OCCURENCE_ASYNC_EVENT).

Search Service Does Not Index Documents in Some Cases

Bug 7429968. In some cases, the Search Service does not index certain documents. This issue may render some search results as incomplete, that is, documents that are not indexed will not appear in search results. To resolve this issue, users should either view such documents or open them with a supported WebDAV client. This will cause the documents to be indexed and they will appear in future search results.

IMAP Service Does Not Support Non-ASCII Characters in E-mail Body Searches

Bug 7174724. The Oracle Beehive IMAP Service does not support searches for non-ASCII characters in the bodies of e-mails. For example, using an IMAP-based client to search for a non-ASCII string in the body of an e-mail will result in an error.

Non-ASCII File and Folder Names May Become Corrupted Through WebDAV

Due to a limitation with Microsoft's implementation of WebDAV, non-ASCII file and folder names may become corrupted. This issue is resolved by Software Update for Web Folders: January 25, 2005, provided at Microsoft's website.

If your deployment leverages WebDAV, Oracle recommends that you verify that this update is installed on your WebDAV servers and users' computers. If it is not already installed, Oracle recommends that you download and install this update.

To verify whether or not this update is already installed, or to download and install this update, follow the instructions provided at the following link:

http://support.microsoft.com/kb/892211/

Instant Messaging Service Does Not Support Trillian Connection on XmppPort

Bug 7455397. The Oracle Beehive Instant Messaging service does not support connections with Trillian on the standard XMPP port (XmppPort). This limitation does not apply to the other instant messaging clients that Oracle Beehive supports.

To avoid this limitation, do one of the following:

- Use another supported instant messaging client and configure it to connect on the standard XMPP port (XmppPort).

- Use Trillian and configure it to connect on the SSL-enabled XMPP port (XmppSslPort).

Removing Approver from One Resource Removes Approver From All Resources

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bug 8422319. Removing an approver from one resource removes the approver from all resources to which the approver was assigned. To correct this, you must manually add the approver back to each resource to which he or she should be assigned.

Attempting to Restart the Audit Service May Fail if Oracle Beekeeper is Installed

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later.

Bug 8294034. Attempting to restart the Audit Service after stopping it may fail if Oracle Beekeeper is installed. If this occurs, restart your BEECORE OC4J instances using beectl. Or, in the case where only a single Audit Service instance was stopped and must be restarted, restart the associated BEECORE OC4J instance only, again, with beectl.

To determine the status of an Audit Service instance, use Oracle Beekeeper by navigating to the Services tab of the Topology module. If the Audit Service is currently stopped and unable to restart, it will remain in the "Stopping" state.

Oracle Beehive Displays Reminders for Day Events in Oracle Beehive Extensions for Outlook Only

Bug 6345545. Oracle Beehive displays reminders for day events (events that occur for an entire day, such as holidays) in Oracle Beehive Extensions for Outlook only. Oracle Beehive does not display reminders for day events in any other supported clients, even if users enable the Reminder option.

CalDAV Client Users Cannot Set Series-level Reminders for Recurring Events with Multiple Attendees

Bug 7387438. Although CalDAV clients allow users to select and apply reminders at the series level (all occurrences of an event combined) for recurring events, Oracle

Beehive does not retain these settings for recurring events that have more than one attendee. To set reminders for recurring events that have multiple attendees, users must instead set a reminder for each individual occurrence of the recurring events.

Syndication Service Generates Extraneous Message Details in Log Files

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bug 8372599. The Oracle Beehive Syndication Service generates extraneous message details, similar to the following examples, in BEEAPP log files:

- `In getType at SyndicationCacheKey!!!`

- `value of m_collabId: <collab_id>`

  where `<collab_id>` is the value of the `m_collabID`.

- `value of m_type: SyndicationCacheKeyType:OrganizationUser`

The extraneous message details do not impact the normal functioning of Oracle Beehive nor do they indicate any abnormal functioning. Therefore, the details can be ignored.

The BEEAPP log file (log.txt) exists in the following location:

`$ORACLE_HOME/beehive/logs/oc4j/BEEAPP/`

Known Issues with Oracle Beehive Services

This section contains information on known issues with Oracle Beehive services, and includes the following topics:

- Search Requires Recent Archive Logs

- Changes to Tasks Made in Oracle Beehive Extensions for Outlook Do Not Immediately Appear in Mozilla Lightning

- WebDAV Web Folders Login Fails on Windows XP

- Oracle Beehive May Log Warnings Caused by Proprietary Client Extension Packets from XMPP Clients

- Brackets in Folders and File Names May Result in Errors for Browser-based WebDAV Operations

- Configuring the LightweightThreadCount Property May Result in Null Pointer Exception

- Incorrect Message Appears When Moving Folders with Microsoft Windows XP Web Folders

- Dynamic Group Creation Results in Error if Query Returns Multiple Hits for a User

- Attempting to View Details of Meetings with Group Participants in Oracle Beehive Central May Result in Error Message

- Oracle Beehive Does Not Transmit Formatting in Chat Room Messages

- Oracle Beehive Central Displays Blank Page After Logout if Oracle Single Sign-On (OSSO) is Enabled

- Oracle Beehive Allows Users to Rename Workspaces Despite Conflicts with Organization Names

Search Requires Recent Archive Logs

Bug 6245357. After the installation of Oracle Beehive, if the entire database archive log file is deleted or moved, the Oracle Beehive search function returns zero results for all searches. Archive log files are located on the computer that hosts the Oracle Beehive database, in a location indicated in table `V$archive_dest`.

To avoid this problem, use the following procedure to determine which is the oldest archive log file still in use by the search indexer. You can safely delete or move archive log files older than that one.

To determine which log file is still being used by the search indexer (and, therefore, should not be deleted):

1. Using SQL*Plus, connect to the Oracle Beehive database:

   ```
   connect / as sysdba
   ```

2. Run the following SQL query:

   ```
   select b.name from v$log_history a, v$archived_log b
   where a.first_change# <= (select least(required_checkpoint_scn) from dba_
   capture where capture_name like 'CDC%')
   and a.next_change# > (select least(required_checkpoint_scn) from dba_capture
   where capture_name like 'CDC%')
   and a.sequence# = b.sequence#(+);
   ```

   This query returns a filename. Logs that were archived before that file can be deleted without affecting Oracle Beehive search.

Changes to Tasks Made in Oracle Beehive Extensions for Outlook Do Not Immediately Appear in Mozilla Lightning

Changes to tasks made in Oracle Beehive Extensions for Outlook do not immediately appear in Mozilla Lightning. To force a refresh, toggle (uncheck and re-check) the **Show completed tasks** option in the Mozilla Lightning **Todo** panel.

WebDAV Web Folders Login Fails on Windows XP

Bug 6707419. Login may fail when Microsoft Web Folders is set up for a WebDAV instance. The login dialog pops up repeatedly despite entering valid credentials. This error occurs when both HTTP and HTTPS access is enabled, and access is attempted via HTTP. To correct this problem, you will need to stop and restart the WebClient service on the computer of the affected user.

To stop and restart the WebClient service, complete the following steps:

1. On the user's computer, open the Services utility. You can access the Services utility through the Administrative Tools option in the Control Panel.

2. From the list of services, click **WebClient** and do one of the following:

   - On the toolbar, click **Stop Service**.
   - Right-click **WebClient** and select **Stop** from the menu that appears.

3. Connect through Microsoft Web Folders to the WebDAV URL:

   ```
   http://<your beehive server>:<port>/content/dav
   ```

4. Restart the WebClient service.

Oracle Beehive May Log Warnings Caused by Proprietary Client Extension Packets from XMPP Clients

Bug 6951913. If Oracle Beehive detects or receives proprietary or unsupported client extension packets from XMPP client, it may log warnings in its log files even if the packets have no negative effects on the system or clients in question. Therefore, such warnings can be ignored.

Brackets in Folders and File Names May Result in Errors for Browser-based WebDAV Operations

Web-browser based users of the WebDAV Service may experience issues, such as HTTP 404 errors, when attempting to access folders and file names that contain left ([) or right brackets (]).

Configuring the LightweightThreadCount Property May Result in Null Pointer Exception

Bug 7521354. Configuring the LightweightThreadCount property (provided by the OWC Streaming Service) may result in a null pointer exception. In addition, the exception may prevent you from restarting the OWC Streaming Service, thereby disabling voice conferencing capabilities. Therefore, Oracle strongly recommends that you do not configure the LightweightThreadCount property.

Incorrect Message Appears When Moving Folders with Microsoft Windows XP Web Folders

Bug 8326201. If a user attempts to move a folder into another folder using the Folder View of Microsoft Windows XP Web Folders, the following message appears:

```
Are sure you want to delete <folder_name>?
```

where `<folder_name>` is the name of the folder that the user is attempting to move.

If the user clicks **No**, the system appears to take no action. If the user clicks **Yes**, another message appears indicating that the system was unable to delete the folder. Despite these messages, the system completes the move folder operation successfully.

Dynamic Group Creation Results in Error if Query Returns Multiple Hits for a User

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later.

Bug 7658387. If the query used to create a dynamic group returns multiple hits for a user, the system will display an error message (DuplicateEntityFound) and the dynamic group will not be created.

For example, if a user has the same value in her personal phone number and business phone number fields, and an administrator uses that phone number (or a substring of that number) as the criteria for creating the dynamic group, the query will return multiple hits for the user, or one hit for each phone number. In these cases, the system will display the DuplicateEntityFound error message and the dynamic group will not be created.

Attempting to View Details of Meetings with Group Participants in Oracle Beehive Central May Result in Error Message

Bug 8481546. Users of Oracle Beehive Central who attempt to view the details of meetings that have group participants, such as team workspaces or team workspace participant groups, may receive the following error message:

```
The requested conference does not exist or is unavailable.
```

Oracle recommends that, if possible, users leverage other supported clients to view the details of meetings that have group participants.

Oracle Beehive Does Not Transmit Formatting in Chat Room Messages

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later.

Bugs 8273433 and 8362457. Oracle Beehive does not transmit any formatting that is applied to text in chat room messages. In other words, if one user in a chat room applies bold and italic formatting to text and then sends that message to another user in the chat room, the recipient's instant messaging client displays the message without any formatting. This issue also applies to hyperlinks that are sent in chat rooms. That is, when users send hyperlinks in chat room messages, recipients receive only the text of the hyperlinks and the hyperlinks appear inactive.

Oracle Beehive Central Displays Blank Page After Logout if Oracle Single Sign-On (OSSO) is Enabled

Bug 7829126. Oracle Beehive Central displays a blank page to users when they log out if Oracle Single Sign-On (OSSO) is enabled for their deployment.

Oracle Beehive Allows Users to Rename Workspaces Despite Conflicts with Organization Names

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bug 8374419. During the workspace creation process, Oracle Beehive correctly prevents users from creating workspace names that match their organizations' names. However, Oracle Beehive does not provide a similar check when users rename existing workspaces. That is, users can rename workspaces even if the new names match their organizations' names. This should not be allowed as workspaces with name conflicts will become inaccessible.

8

Oracle Beehive Web Services Notes

This module contains the following type of information regarding Oracle Beehive Web Services:

- Known Issues with Oracle Beehive Web Services

Known Issues with Oracle Beehive Web Services

This section contains information on known issues with Oracle Beehive Web Services, and includes the following topic:

- GeneralArtifactService Issues
- MembershipService Issues
- SAML Authentication Fails for Web Services

GeneralArtifactService Issues

GeneralArtifactService has the following issue:

- Bug 6867374. The method getLinks does not work with filters.

MembershipService Issues

MembershipService has the following issue:

- Bug 7383890. Oracle Beehive is unable to retrieve the user context of authenticated users with the MembershipService whoAmI() method. If you authenticate with Web Services and then try to retrieve the user's context with the whoAmI() method, the method returns a RemoteException error.

SAML Authentication Fails for Web Services

Bug 7517140. Attempts to authenticate users with SAML authentication through Web Services will result in errors.

9

Coexistence Notes

This module contains the following types of information regarding Oracle Beehive coexistence, which includes the Oracle Collaboration Coexistence Gateway:

- General Coexistence Notes
- Known Limitations and Workarounds with Coexistence
- Known Issues with Coexistence

General Coexistence Notes

This section contains general information about Oracle Beehive coexistence, and includes the following topic:

- Cloning Oracle Beehive Instances with Oracle Collaboration Coexistence Gateway
- Oracle Beehive Clients that Provide Time Management Functionality not Intended for Coexisting Third-Party Users
- Oracle Beehive No Longer Supports Team Collaboration-enabled Coexistence

Cloning Oracle Beehive Instances with Oracle Collaboration Coexistence Gateway

Bug 6729291. If you want to clone an Oracle Beehive instance that is configured with the Oracle Collaboration Coexistence Gateway, please contact Oracle Support Services or your organization's Oracle representative.

Oracle Beehive Clients that Provide Time Management Functionality not Intended for Coexisting Third-Party Users

Oracle Beehive clients that support time management functionality, such as Oracle Beehive Extensions for Outlook, Oracle Beehive Zimbra, and Oracle Beehive Workspaces Client, are not intended for coexisting third-party users. When used by coexisting third-party users, the time management functionality that these clients provide may not work as designed. For example, meetings created by third-party coexisting users may not appear in the calendars of users with accounts on Microsoft Exchange Server. Therefore, Oracle recommends that you do not deploy these clients for coexisting third-party users.

Oracle Beehive No Longer Supports Team Collaboration-enabled Coexistence

Oracle Beehive Release 1 (1.5.1.2) and later do not support the team collaboration-enabled coexistence configuration option and team collaboration-enabled users.

Known Limitations and Workarounds with Coexistence

This section contains information on known limitations and workarounds related to Oracle Beehive coexistence, and includes the following topics:

- Support for Microsoft Exchange Server 2003 Only
- Support for Microsoft Outlook 2003 Only
- Recurring Task Coexistence Not Supported
- Microsoft Exchange Server Subfolders Not Supported

Support for Microsoft Exchange Server 2003 Only

In Oracle Beehive, coexistence is supported for Microsoft Exchange Server 2003 (and all related service packs) only.

Support for Microsoft Outlook 2003 Only

In Oracle Beehive, coexistence is supported for Microsoft Outlook 2003 as the Microsoft Exchange Server client. Service packs 1 and 2, and Microsoft Outlook Web Access 2003, are also supported. No other Microsoft Exchange Server clients are supported.

Recurring Task Coexistence Not Supported

Recurring task coexistence is not supported in Oracle Beehive.

Microsoft Exchange Server Subfolders Not Supported

Oracle Beehive supports only the Microsoft Exchange Server Inbox as well as the main Calendar and Contacts folders. Subfolders are not supported.

Known Issues with Coexistence

This section contains information about issues with Oracle Beehive coexistence, and includes the following topics:

- Oracle Beehive Extensions for Outlook Meeting Categories Not Propagated
- Issues May Occur if Administrative Group and Routing Group Differ for Microsoft Exchange Server Host Computer

Oracle Beehive Extensions for Outlook Meeting Categories Not Propagated

Bug 6376126. For multi-system coexistence users, Oracle Beehive Extensions for Outlook meeting categories are not shared with Microsoft Exchange Server.

Issues May Occur if Administrative Group and Routing Group Differ for Microsoft Exchange Server Host Computer

Bug 8880141. Oracle does not recommend installing the Oracle Coexistence Connector on any Microsoft Exchange Server host computer that belongs to a different administrative group and routing group. On such computers, the Oracle Collaboration Coexistence Gateway might not function correctly and Microsoft Exchange Server might not correctly route messages intended for Oracle Beehive users.

> **Note:** The issue described here does not apply to the Oracle Change Notification Service. Installing the Oracle Change Notification Service on such computers is fully supported.

10

Oracle Beehive Extensions for Outlook Notes

This module contains the following types of information on Oracle Beehive Extensions for Outlook:

- General Notes About Oracle Beehive Extensions for Outlook
- Known Limitations and Workarounds with Oracle Beehive Extensions for Outlook
- Known Issues with Oracle Beehive Extensions for Outlook

Note: As of Oracle Beehive Release 1 (1.5), the product name "Oracle Beehive Integration for Outlook" has been changed to "Oracle Beehive Extensions for Outlook".

General Notes About Oracle Beehive Extensions for Outlook

This section includes general information about Oracle Beehive Extensions for Outlook, and includes the following topics:

- Accessibility of Oracle Beehive Extensions for Outlook
- Oracle Beehive Extensions for Outlook Users Should Not Launch or Run Microsoft Outlook During the Upgrade to Oracle Beehive Release 1 (1.5)
- Service Pack 2 or Later Required When Running Oracle Beehive Extensions for Outlook on Microsoft Windows XP

Accessibility of Oracle Beehive Extensions for Outlook

Oracle Beehive Extensions for Outlook has not yet been certified as meeting Oracle's standards for accessibility.

Oracle Beehive Extensions for Outlook Users Should Not Launch or Run Microsoft Outlook During the Upgrade to Oracle Beehive Release 1 (1.5)

Prior to upgrading the system to Oracle Beehive Release 1 (1.5), Oracle Beehive Extensions for Outlook users should close Microsoft Outlook and they should not launch or run that client during the system upgrade process. This will ensure that the Oracle Beehive Extensions for Outlook client software for Release 1 (1.5) is correctly applied before users start accessing the upgraded Oracle Beehive server. Otherwise, Oracle Beehive Extensions for Outlook users may experience issues reading their e-mail before the client software upgrades have been applied.

Service Pack 2 or Later Required When Running Oracle Beehive Extensions for Outlook on Microsoft Windows XP

Microsoft Windows XP, Service Pack 2 (or later) is required on Windows XP computers where users intend to run Oracle Beehive Extensions for Outlook with non-English locales. Attempting to run Oracle Beehive Extensions for Outlook with a non-English locale on a computer with Windows XP, Service Pack 1 (or earlier) may result in the computer failing to operate normally.

Known Limitations and Workarounds with Oracle Beehive Extensions for Outlook

This section contains information on the known limitations and workarounds related to Oracle Beehive Extensions for Outlook, and contains the following topics:

- Discrepancies Between Certificates on Server and Client Computers Will Cause Oracle Beehive Extensions for Outlook Installations to Fail

- Oracle Beehive Extensions for Outlook Retains Sensitivities When Documents are Added to Folders

- Oracle Beehive Extensions for Outlook Does Not Support GAL Entries Scoped at the Organization Level

Discrepancies Between Certificates on Server and Client Computers Will Cause Oracle Beehive Extensions for Outlook Installations to Fail

Bug 6870456. If your Oracle Beehive server uses a self-signed certificate and only secure (SSL-based) client connections are permitted, this certificate should be added to the trusted root of all client (end-user) computers *prior* to installing Oracle Beehive Extensions for Outlook. Failing to do so will prevent users from installing Oracle Beehive Extensions for Outlook. In cases where discrepancies exist, users may receive an error message that indicates an invalid server or an incorrect username and password. In either case, users will be unable to continue the Oracle Beehive Extensions for Outlook installation.

Oracle Beehive Extensions for Outlook Retains Sensitivities When Documents are Added to Folders

> **Note:**
>
> - This limitation is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.
>
> - This limitation also applies to Oracle Beehive Extensions for Explorer.

Bug 8433984. When a user adds a document to a folder, Oracle Beehive Extensions for Outlook retains the sensitivity of the document even if it differs from the sensitivity of the folder. This behavior may have unintended results, especially if the intent is to move a private document to a public folder for wider distribution. If this is the case, the user would need to manually change the sensitivity of the document ("Private") to match that of the destination folder ("Public").

Oracle Beehive Extensions for Outlook Does Not Support GAL Entries Scoped at the Organization Level

Oracle Beehive Extensions for Outlook does not support Global Address List (GAL) entries that are scoped at the organization level. In other words, users or groups that are scoped at the organization level (as opposed to the enterprise level, which is recommended) will not appear in the GAL through Oracle Beehive Extensions for Outlook. To avoid this limitation, scope all user directory entities at the enterprise level. Or, alternatively, consider using another supported client.

Known Issues with Oracle Beehive Extensions for Outlook

This section contains information on the issues related to Oracle Beehive Extensions for Outlook, and includes the following topics:

- Data Loss Possible when Moving Calendar, Task, or Contact Data to Team Workspaces Without Permission
- Windows Vista Users Unable to Check for Updates for Oracle Beehive Extensions for Outlook
- Delegated Users May Be Able to View Granters' Content After Delegation Privileges Revoked

Data Loss Possible when Moving Calendar, Task, or Contact Data to Team Workspaces Without Permission

Bug 6357855. If a user who does not have permission to add content to a team workspace attempts to move calendar, task, or contact data from the user's personal workspace to that team workspace, the move operation will fail (as it should). However, if the data has not yet been synchronized between the user's computer and the Oracle Beehive server, then the data will be lost.

Windows Vista Users Unable to Check for Updates for Oracle Beehive Extensions for Outlook

Bug 6872681. Users running Windows Vista without administrator privileges cannot check for updates for Oracle Beehive Extensions for Outlook. Typically, users can check for updates by clicking the Check for Updates option (from the Help>About OBEO menu). Although this option is active and, when clicked, prompts users for their credentials, no updates occur.

Delegated Users May Be Able to View Granters' Content After Delegation Privileges Revoked

Bug 8369097. If a user revokes delegation privileges previously granted to another user, the revocation may not take full and immediate effect in Oracle Beehive Extensions for Outlook. In some cases, the delegated user may still be able to *view* the same content (documents, e-mail, and so on) to which he or she previously had access. However, the delegated user will no longer have any former privileges, such as being able to send e-mail on the granter's behalf or being able to view new content created by the granter.

11
Oracle Beehive Extensions for Explorer Notes

This module contains the following types of information on Oracle Beehive Extensions for Outlook:

- Known Limitations and Workarounds with Oracle Beehive Extensions for Explorer

Known Limitations and Workarounds with Oracle Beehive Extensions for Explorer

This section contains information on the known limitations and workarounds related to Oracle Beehive Extensions for Explorer, and contains the following topics:

- Oracle Beehive Extensions for Explorer Does Not Support Non-Interactive (Silent) Installations

Oracle Beehive Extensions for Explorer Does Not Support Non-Interactive (Silent) Installations

> **Note:** This limitation is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bug 8481473. Oracle Beehive Extensions for Explorer does not support the non-interactive (silent) installation option. To deploy Oracle Beehive Extensions for Explorer, use another supported option such as the Device Management Service (DMS) based installation option or the desktop-based installation (non-DMS process) option. For more information, please refer to "Installing Oracle Beehive Extensions for Explorer" in the *Oracle Beehive Installation Guide for Microsoft Windows (32-bit)*.

12

Oracle Beehive Zimbra Notes

This module contains the following types of information regarding Oracle Beehive Zimbra:

- General Notes About Oracle Beehive Zimbra
- Known Limitations and Workarounds with Oracle Beehive Zimbra
- Known Issues with Oracle Beehive Zimbra

Note: As of Oracle Beehive Release 1 (1.5), the product name "Oracle Beehive Integration for Zimbra" has been changed to "Oracle Beehive Zimbra".

General Notes About Oracle Beehive Zimbra

This section includes general information about Oracle Beehive Zimbra, and includes the following topic:

- Sort Functionality in Oracle Beehive Zimbra
- Users Accessing Oracle Beehive Zimbra Through Microsoft Internet Explorer 6.0 Over SSL May Experience Issues if Oracle Beehive Test Certificate is Used

Sort Functionality in Oracle Beehive Zimbra

The sorting functionality provided by Oracle Beehive Zimbra may differ from users' expectations, therefore please keep the following in mind:

- In the Inbox folder and any user-created folders, Oracle Beehive Zimbra supports sorting on the From, Subject, and Received (date) columns only. In the Sent folder, Oracle Beehive Zimbra supports sorting on the To, Subject, and Sent (date) columns only

- Sorting on the To column in the Sent folder may not appear as expected (as described in Bug 7167877).

- When users sort by Subject, Oracle Beehive Zimbra ignores common prefixes, such as "Re:" and "Fwd:".

- Received messages may sort inconsistently if the name of the sender that appears in an e-mail message is different from the name for that user that is stored in the Oracle Beehive user directory.

- Results for searches on e-mail content are sorted by relevance, not by date (as described in Bug 7183452).

Users Accessing Oracle Beehive Zimbra Through Microsoft Internet Explorer 6.0 Over SSL May Experience Issues if Oracle Beehive Test Certificate is Used

Bugs 7322022 and 7324254. If your deployment uses the test certificate provided by Oracle Beehive, users accessing Oracle Beehive Zimbra through Microsoft Internet Explorer 6.0 over SSL may experience issues. This can include not being able to log in to the Oracle Beehive Zimbra.

In some cases, a message appears that states:

```
A network error has occurred. Please correct any errors and
retry. If the problem persists, please contact your System
Administrator.
```

In other cases, users can log in but receive a network error message ("detail - Empty HTTP response") immediately thereafter.

This issue is related to digital certificates and how Microsoft Internet Explorer handles them. To resolve this issue, please contact Oracle Support.

Known Limitations and Workarounds with Oracle Beehive Zimbra

This section contains the following known limitations and workarounds with Oracle Beehive Zimbra:

- Oracle Beehive Zimbra Does Not Automatically Refresh User-Created Calendars
- Oracle Beehive Zimbra Does Not Support Option for Return Receipt on E-mail Messages
- Attachment File Names with Non-English and NLS Characters May Appear Corrupted
- Revoking Sharing Privileges Through Oracle Beehive Zimbra May Not Take Effect Immediately
- Searching on E-mail Folders May Return Unexpected Search Results
- Clicking the Find Attendees Tab While Creating a Meeting May Result in Error Message
- Error Message Appears When Delegated Users Modify Events with GAL-based Group Attendees

Oracle Beehive Zimbra Does Not Automatically Refresh User-Created Calendars

Bug 7168320. Oracle Beehive Zimbra automatically refreshes each user's default calendar at regular intervals (typically every five minutes), however it does not automatically refresh any user-created calendars. To refresh a user-created calendar, use your browser's Refresh function or log out and back in to Oracle Beehive Zimbra.

Oracle Beehive Zimbra Does Not Support Option for Return Receipt on E-mail Messages

Bug 7226230. Oracle Beehive Zimbra does not provide users the option to request a "return receipt" on e-mail messages that they create and send.

Attachment File Names with Non-English and NLS Characters May Appear Corrupted

Bugs 7658779, 7658780, 7668023, and 7668056. If files with file names that contain non-English and NLS characters are attached to e-mail messages and calendar events, those file names may appear corrupted when viewed in Oracle Beehive Zimbra. In other words, Oracle Beehive Zimbra may replace non-English and NLS characters in the file names with other characters. Despite this, users can still open and work with attachments where the file names appear to be corrupted.

Revoking Sharing Privileges Through Oracle Beehive Zimbra May Not Take Effect Immediately

Bug 7692030. If a user revokes sharing privileges previously granted to another user through Oracle Beehive Zimbra, the revocation may not take effect immediately. In these cases, the user who is granted sharing privileges will still have access to the granter's folders and may be able to send e-mail on the granter's behalf during the current user session. Oracle Beehive revokes these privileges after the user who is granted sharing privileges logs out of the system.

Searching on E-mail Folders May Return Unexpected Search Results

Bugs 7551179, 7563840, 7669970, 7669974, and 8439501. Due to a server-side delay in refreshing users' e-mail folder indexes, searching for e-mail messages in folders may return unexpected search results if messages were moved into or out of the folders being searched shortly before executing the searches. For example, if messages were *moved out of a folder* minutes before searching on that folder, the messages that were moved may appear in the search results even though they no longer exist in the folder being searched. Or, if messages were *moved into a folder*, those messages may not appear even if they technically match the search query. This issue does not occur after the e-mail folder indexes are refreshed (approximately every 30 minutes).

Clicking the Find Attendees Tab While Creating a Meeting May Result in Error Message

Bug 8448667. Clicking the **Find Attendees** tab in Oracle Beehive Zimbra while creating a meeting entry may result in an error message. The error message varies depending on the Web browser that is used for Oracle Beehive Zimbra. For example, Mozilla Firefox users may see a "Service Failure" message, while Microsoft Internet Explorer users may see an "Invalid at the top level of the document" message. In either case, close the error message dialog window and try again.

Error Message Appears When Delegated Users Modify Events with GAL-based Group Attendees

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bug 8448506. The following network service error message appears whenever a delegated Oracle Beehive Zimbra user modifies an event that contains one or more group attendees that were previously selected from the delegator's Global Address List (GAL):

```
Network service error popper up:
msg:system failure Failure in Calendar delegation
```

> **Note:** This issue does not occur if the granter or the delegated user typed in the Attendees list the e-mail address of each group attendee.

When presented with the network service error message, the delegated user should click **OK** to return to the delegator's calendar. If the delegated user changed the start or end time of the event, the event appears in its original time slot. However, if the user clicks **Refresh** on the Oracle Beehive Zimbra toolbar, the event appears in the new time slot.

Known Issues with Oracle Beehive Zimbra

This section contains the following known issues with Oracle Beehive Zimbra:

- Modifying Tag Properties Through Oracle Beehive Zimbra May Result in Errors
- Oracle Beehive Zimbra Only Displays Names and E-mail Addresses in Global Address Lists
- Oracle Beehive Zimbra Does Not Allow Changes to Individual Instances of Recurring Meetings
- Changing the Day and Editing an Individual Instance of a Recurring Meeting May Change Entire Recurring Meeting Series
- Viewing Details of Monthly Recurring Meetings May Change Series Patterns
- Emptying Trash Folder May Fail Due to Errors
- Using Oracle Beehive Zimbra to Search on Dates Will Fail for Some Locales
- Users Unable to Open E-mail Messages Attached to Events as .eml Files

Modifying Tag Properties Through Oracle Beehive Zimbra May Result in Errors

Bug 7247457. Modifying the property for a tag through Oracle Beehive Zimbra may result in the following error:

```
A network service error has occurred.
```

Oracle Beehive Zimbra Only Displays Names and E-mail Addresses in Global Address Lists

Bug 7198205. Oracle Beehive Zimbra only displays names and e-mail addresses for contacts that appear in the Global Address List. No other contact information, such as phone number, company, and address, appears in the Global Address List even if that information is available.

Oracle Beehive Zimbra Does Not Allow Changes to Individual Instances of Recurring Meetings

Bug 7321371. Oracle Beehive Zimbra does not allow users to change the details of individual instances of recurring meetings.

Changing the Day and Editing an Individual Instance of a Recurring Meeting May Change Entire Recurring Meeting Series

Bug 7325842. If a user changes the day on which an individual instance of a recurring meeting occurs, and then attempts to edit that instance, the entire series for the recurring meeting may change. This may include the series moving to a day on which neither it nor the modified instance originally occurred.

Viewing Details of Monthly Recurring Meetings May Change Series Patterns

Bug 7339855. Viewing the details of a meeting that occurs every month may change the recurrence pattern for the entire series.

Emptying Trash Folder May Fail Due to Errors

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bugs 8429265 and 8440766. Emptying the Trash folder in Oracle Beehive Zimbra may fail due to network and platform errors. This issue, which occurs intermittently, has been known to produce the following error messages for the ZimbraConnectorService, the details of which appear in system log files:

- "Resource is busy" exceptions
- NullPointerExceptions

Using Oracle Beehive Zimbra to Search on Dates Will Fail for Some Locales

Bug 8416716. Attempts to execute date-based search queries through Oracle Beehive Zimbra will fail for the following locales:

- Chinese (simplified)
- Danish
- German
- Korean
- Polish
- Russian

Users who are configured for these locales and who attempt to execute date-based search queries will receive an error message that indicates that there was a failure on an input string. Also, this issue only affects date-based searches. All other search types function normally when executed through Oracle Beehive Zimbra.

Users Unable to Open E-mail Messages Attached to Events as .eml Files

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.3) and later.

Bug 8452224. Oracle Beehive Zimbra does not allow users to open e-mail messages that are attached to calendar events or appointments as .eml files. If a user attempts

toopen such an attachment in Oracle Beehive Zimbra, another Web page that contains a link to the attachment opens instead. Clicking that link opens another Web page with another link to the attachment, and so on. This issue does not affect e-mail messages that are attached to other e-mail messages as .eml files.

13

Oracle Beehive Workspaces Client Notes

This module contains the following types of information on Oracle Beehive Workspaces Client:

- Known Limitations and Workarounds with the Oracle Beehive Workspaces Client
- Known Issues with the Oracle Beehive Workspaces Client

Known Limitations and Workarounds with the Oracle Beehive Workspaces Client

This section contains information on the known limitations and workarounds related to Oracle Beehive Workspaces Client, and contains the following topic:

- Oracle Beehive Workspaces Client May Not be Accessible After Restarting BEECLIENT OC4J
- Oracle Beehive Workspaces Client Does Not Allow Successive Attempts for Unresolved Document Uploads
- Oracle Beehive Does Not Propagate Meetings Scheduled by Coexisting Exchange Users Through Workspaces Client

Oracle Beehive Workspaces Client May Not be Accessible After Restarting BEECLIENT OC4J

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later.

Bug 8429409. After a restart of the BEECLIENT OC4J, the Oracle Beehive Workspaces Client may not be accessible. If this occurs, users who attempt to log in to the client will receive the following error message:

```
500 Internal Error
```

For administrators, the following message will appear in system log files:

```
workspaces-client: Servlet error java.lang.NoClassDefFoundError
at oracle.ocs.wiki.beeki.beans.CoreBean.createAllWorkspacesJson
```

To resolve this issue, restart the BEECLIENT OC4J again.

Oracle Beehive Workspaces Client Does Not Allow Successive Attempts for Unresolved Document Uploads

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.3) and later.

Bug 8460651. Oracle Beehive Workspaces Client does not allow users to re-attempt document uploads when initial attempts are unresolved, that is, when the initial attempts either did not complete successfully or users did not cancel them outright. If a user re-attempts to upload a document in this situation, the following error message appears:

```
The upload could not complete because the destination folder is
currently being updated. Please retry the operation.
```

If this occurs, the user should wait at least 24 hours and try again.

Oracle Beehive Does Not Propagate Meetings Scheduled by Coexisting Exchange Users Through Workspaces Client

Although coexisting Microsoft Exchange users can schedule meetings through Oracle Beehive Workspaces Client, Oracle Beehive does not propagate these meetings to the calendars of other Exchange-based workspace members. Only meetings created by users that have been migrated to Oracle Beehive Messaging are propagated to the calendars of coexisting Microsoft Exchange users.

Known Issues with the Oracle Beehive Workspaces Client

This section contains information on the known issues related to Oracle Beehive Workspaces Client, and contains the following topic:

- Oracle Beehive Workspaces Client May Display Incorrect Users Names in Deployments with Large User Bases
- Opening Wiki Pages that Contain Multiple Comments May Result in Error Messages
- Adding Files to Workspaces May Fail in High Availability Deployments if Oracle Beehive Application Tier Instances Shut Down During File Uploads

Oracle Beehive Workspaces Client May Display Incorrect Users Names in Deployments with Large User Bases

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later.

Bug 8393291. In deployments with large user bases (>10,000), the Oracle Beehive Workspaces Client may display incorrect user names, such as in the "You are signed in as" field and in the Participants list. It has been determined that this is a display issue only and poses no known security risks.

Opening Wiki Pages that Contain Multiple Comments May Result in Error Messages

> **Note:**
>
> ■ This issue does not affect users with the role of workspace-participant-coordinator.
>
> ■ This issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bug 8403667. Attempting to open Oracle Beehive wiki pages that contain multiple comments may result in the following error message:

```
An error occurred.
Cause: An unexpected internal error occurred.
Effect: The requested operation cannot be performed
Action: Contact system administrator.
```

Despite the error message, the content of the selected page appears. However, the comments for the page do not appear.

Adding Files to Workspaces May Fail in High Availability Deployments if Oracle Beehive Application Tier Instances Shut Down During File Uploads

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bug 8393033. If an Oracle Beehive Application Tier instance is shut down in a high availability (HA) deployment while a user attempts to upload a file to an Oracle Beehive workspace, the upload operation may fail. In these cases, Oracle Beehive Workspaces Client will display a message ("Uploading the document") indicating that the upload operation is proceeding, although the operation ultimately fails.

14

Oracle Beehive Conferencing Notes

This module contains the following type of information on the Oracle Beehive Conferencing:

- Known Limitations and Workarounds with Oracle Beehive Conferencing
- Known Issues with Oracle Beehive Conferencing

Known Limitations and Workarounds with Oracle Beehive Conferencing

This section contains information on the known limitations and workarounds related to Oracle Beehive Conferencing, and contains the following topics:

- Sun Solaris Does Not Support Oracle Beehive Voice Conferencing
- Recommendation to Install Voice Conferencing Media Server on Separate Computer
- Recommendation on Limiting the Number of Active Speakers During Voice Conferences
- Initial Attempt to Join Conference from Oracle Beehive Central with Microsoft Internet Explorer 7 Shows Conference List Instead

Sun Solaris Does Not Support Oracle Beehive Voice Conferencing

---
Note: This known limitation affects Oracle Beehive Release 1 (1.4.3) and later for the Solaris Operating System (SPARC 64-bit) only.

Bugs 7336591 and 7338531. The Sun Solaris operating system does not support Oracle Beehive voice conferencing. To overcome this limitation on Solaris deployments, you need to install an additional instance of Oracle Beehive on a computer running a supported Linux operating system, and then point to that instance from your Solaris instance using `beectl` and the `OwcUseRemoteMediaSessions` property.

For more information, including instructions on how to configure a deployment of this kind, please refer to "Configuring Remote Media Server for Oracle Beehive Conferencing" in *Oracle Beehive Installation Guide for Solaris Operating System (SPARC 64-Bit)*.

Recommendation to Install Voice Conferencing Media Server on Separate Computer

For performance reasons, Oracle recommends installing a key component of Oracle Beehive Conferencing—the Voice Conferencing Media Server—on its own dedicated

computer. This recommendation applies to Oracle Beehive deployments on all supported operating systems.

For more information on how to install and configure the Voice Conferencing Media Server on its own computer, please refer to the following topics, or contact an Oracle Support representative:

- "Oracle Beehive Deployments with Oracle Beehive Conferencing" in the *Oracle Beehive Deployment Guide*

- "Configuring Remote Media Server for Oracle Beehive Conferencing" in the *Oracle Beehive Installation Guide* for your operating system

Recommendation on Limiting the Number of Active Speakers During Voice Conferences

Oracle Beehive Conferencing enables users to collaborate through multiplex voice conferences over the Voice over Internet Protocol (VoIP). Although the voice conferencing feature is available to all users, Oracle recommends that teams allow no more than six active (simultaneous) speakers during conferences. Conferences that have more than six active speakers may experience a degradation of voice quality, which may require users to stop and restart those conferences. This limitation does not apply to the number of users who listen to conferences, as Oracle Beehive Conferencing supports many simultaneous listeners without any degradation in voice quality.

Initial Attempt to Join Conference from Oracle Beehive Central with Microsoft Internet Explorer 7 Shows Conference List Instead

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later.

Bug 8392092. When users attempt to join conferences in Oracle Beehive Central with Microsoft Internet Explorer 7, Oracle Beehive Conferencing launches correctly. However, when they provide their credentials (as required), instead of joining the conference automatically, they are presented with the list of available conferences again. To join the intended conference, users must then click the conference in the list that is provided.

Users can avoid this extra step by using another supported browser, such as Mozilla Firefox, to join conferences from Oracle Beehive Central.

Known Issues with Oracle Beehive Conferencing

This section contains information on known issues with Oracle Beehive Conferencing, and includes the following topic:

- Arrow Lines May Not Appear in Microsoft PowerPoint Slides During Web Conferences

Arrow Lines May Not Appear in Microsoft PowerPoint Slides During Web Conferences

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bug 8283516. The lines that are typically attached to arrowheads in Microsoft PowerPoint slides may not appear when displayed to viewers in Oracle Beehive Conferencing. When this occurs, only the arrowheads themselves are displayed to viewers.

15

Mobility Notes

This module contains the following types of information regarding mobility in Oracle Beehive:

- General Mobility Notes
- Known Mobility Limitations and Workarounds
- Known Mobility Issues

General Mobility Notes

This section contains general information about Oracle Beehive and its support of mobile devices, and includes the following topic:

- About Language Packs for Oracle Beehive Mobile Client Applications
- SMPP Mode Recommended When Configuring SMS Messages
- SMS Message Delivery Limited to United States and Canada

About Language Packs for Oracle Beehive Mobile Client Applications

Oracle Beehive mobile client applications include language packs and their translation files, which are automatically uploaded during the Oracle Beehive installation process. You can customize the language packs that Oracle Beehive provides as well as others that it does not.

This section contains the following topics related to customizing language packs for mobile client applications:

- Mobile Client Application Language Packs Provided by Oracle Beehive
- Customizing Language Packs and Translation Files for Oracle Beehive Mobile Client Applications

Mobile Client Application Language Packs Provided by Oracle Beehive

Oracle Beehive provides the following language packs for its mobile client applications:

- Chinese (Simplified)
- Chinese (Traditional)
- French
- German
- Italian

- Japanese

- Korean

- Portuguese (Brazilian)

- Spanish

To customize the translation files of a language pack, please refer to "Customizing Language Packs and Translation Files for Oracle Beehive Mobile Client Applications".

Customizing Language Packs and Translation Files for Oracle Beehive Mobile Client Applications

To customize a language pack, you modify one or more of its translation files. You then upload the customized translation files using one of the following containers:

- **A patch set:** Used for language packs provided by Oracle Beehive. For more information, please refer to "Creating and Uploading a Patch Set for a Language Pack Provided by Oracle Beehive".

- **A new language pack:** Used for language packs that are not provided by Oracle Beehive. For more information, please refer to "Creating, Uploading, and Provisioning a Language Pack Not Provided by Oracle Beehive".

> **Note:** For the list of language packs that Oracle Beehive provides, please refer to "Mobile Client Application Language Packs Provided by Oracle Beehive".

Creating and Uploading a Patch Set for a Language Pack Provided by Oracle Beehive

To customize the translation files for a language pack provided by Oracle Beehive, you create and upload a patch set.

To create and upload a patch set:

1. Modify the translation file of a supported language pack, as follows:

   a. Access the zip file of the mobile client application, located in the `$ORACLE_HOME/beehive/seed/dm` directory. For example, the translation files for the Mobile Mail plug-in for Windows Mobile devices appear in `pushmail_release.PPC5.0_ARM.element.zip`.

   b. From the zip file, open the XLIFF file for one of the languages that Oracle Beehive supports by default. For example, the French translation file for the Mobile Mail plug-in is `oracle.ocs.mobileclient.wince.pushmail_fr.xlf`.

   c. Modify the translation strings in the file, as needed.

   d. Save the file in UTF-8 encoding. All XLIFF files must be UTF-8 encoded.

   e. Repeat these steps as necessary for the translation files for other languages.

2. Create a new zip file that contains all customized translation files. Ensure that the new zip file is located in an Oracle Beehive directory that is accessible by the Oracle user.

3. Create a new `metadata.xml` to describe the new patch set, as follows:

   a. Access the existing zip file of the mobile client application, located in the `$ORACLE_HOME/beehive/seed/dm` directory.

b. From the zip file, open `metadata.xml`.

c. Increment the value of the `<patchsetnumber>` attribute so that it is *higher than* the current value. All other attributes under the `<property>` element should remain the same as distributed in the original `metadata.xml` file.

For example, a `metadata.xml` for a patch set targeted towards Windows Mobile 5.0 devices and that contains customized French and Japanese translation files will look similar to the following:

```
<?xml version="1.0" encoding="UTF-8"?>
<application>
    <property>
        <name> Mobile Mail </name>
        <description> MobileMail Client </description>
        <os> wince5.0  </os>
        <processor>ARM </processor>
        <deviceclass> Smartphone </deviceclass>
        <language> all </language>
        <version> 1.4.0.0.0. </version>
        <versionnumber> 4 </versionnumber>
        <patchsetnumber> 1 </patchsetnumber>
        <vendor> Oracle </vendor>
        <isPlatform> false </isPlatform>
    </property>
    <modules>
        <module>
            <name> oracle.ocs.mobileclient.wince.pushmail_fr.xlf </name>
            <src> . </src>
            <dest> %CSIDL_WINDOWS% </dest>
            <contenttype> text/xml</contenttype>
        </module>
        <module>
            <name> oracle.ocs.mobileclient.wince.pushmail_ja.xlf </name>
            <src> . </src>
            <dest> %CSIDL_WINDOWS% </dest>
            <contenttype> text/xml</contenttype>
        </module>
    </modules>
</application>
```

d. Save the new `metadata.xml`.

e. Add the new `metadata.xml` to the zip file created in Step 2.

4. Upload the new patch set, as follows:

a. Launch the `beectl` command line utility.

b. Issue the `upload_client_application` command, as follows:

```
beectl> upload_client_application --file <file>
```

Where `<file>` represents the absolute path of the zip file that you created in Step 2.

Creating, Uploading, and Provisioning a Language Pack Not Provided by Oracle Beehive

To customize the translation files for a language pack not provided by Oracle Beehive, you create a new language pack based on an existing one. Once created, you can upload and provision the new language pack.

To create, upload, and provision a new language pack:

1. Modify the translation file of a supported language pack with the strings required in the new language pack, as follows:

   a. Access the zip file of the mobile client application, located in the `$ORACLE_HOME/beehive/seed/dm` directory. For example, the translation files for the Mobile Mail plug-in for Windows Mobile 5.0 devices appear in `pushmail_release.PPC5.0_ARM.element.zip`.

   b. From the zip file, open the XLIFF file for one of the languages that Oracle Beehive supports by default. For example, the French translation file for the the Mobile Mail plug-in is `oracle.ocs.mobileclient.wince.pushmail_fr.xlf`.

   c. Modify the translation strings, as needed.

   d. Modify the `target-language` attribute to specify the new target language and country. For example, if you modify the French translation file for the Mobile Mail plug-in with Danish strings, change the `target-language` attribute from "fr-FR" to "dk-DK".

   e. Rename the XLIFF file by replacing the original language code with the new language code and, if appropriate, the new country code.

   Note: XLIFF file naming conventions follow the Java standard, which supports a two-letter lowercase language code (ISO 639) and a two-letter uppercase country code (ISO 3166). For example, if you modify the French translation file for the Mobile Mail plug-in with Danish strings, rename the file and save it in UTF-8 encoding as `oracle.ocs.mobileclient.wince.pushmail_dk.xlf`. Or, if you create a Canadian French translation file, save it as `oracle.ocs.mobileclient.wince.pushmail_fr_CA.xlf`.

   ---

2. Create a new zip file that contains all customized translation files. Ensure that the new zip file is located in an Oracle Beehive directory that is accessible by the Oracle user.

3. Create a new `metadata.xml` to describe the new language pack, as follows:

   a. Access the existing zip file of the mobile client application, located in the `$ORACLE_HOME/beehive/seed/dm` directory.

   b. From the zip file, open `metadata.xml`.

   c. Replace the values of the `<name>` and `<description>` attributes with the name and description of the new language pack. All other attributes under the `<property>` element should remain the same as distributed in the original `metadata.xml` file.

   For example, a `metadata.xml` for a language pack targeted towards Windows Mobile 5.0 devices and that contains customized Danish translation files will look similar to the following:

   ```
   <?xml version="1.0" encoding="UTF-8"?>
   <application>
       <property>
           <name> Mobile Mail Langugage Pack - DK </name>
           <description> MobileMail Client Danish Language Pack</description>
           <os> wince5.0  </os>
           <processor>ARM </processor>
   ```

```
                    <deviceclass> Smartphone</deviceclass>
                    <language> all </language>
                    <version> 1.4.0.0.0. </version>
                    <versionnumber> 4 </versionnumber>
                    <patchsetnumber> 0 </patchsetnumber>
                    <vendor> Oracle </vendor>
                    <isPlatform> false </isPlatform>
            </property>
            <modules>
                <module>
                    <name> oracle.ocs.mobileclient.wince.pushmail_dk.xlf </name>
                    <src> . </src>
                    <dest> %CSIDL_WINDOWS% </dest>
                    <contenttype> text/xml</contenttype>
                </module>
            </modules>
        </application>
```

    d. Save the new `metadata.xml`.

    e. Add the new `metadata.xml` to the zip file created in Step 2.

4. Upload the new language pack, as follows:

    a. Launch the `beectl` command line utility.

    b. Issue the `upload_client_application` command, as follows:

```
beectl> upload_client_application --file <file>
```

    Where `<file>` represents the absolute path of the zip file that you created in Step 2.

5. Provision the new language pack, as follows:

    a. In the `beectl` command line utility, issue the `list_enterprises` command to determine the identifier of the Oracle Beehive enterprise:

```
beectl> list_enterprises --entity_format id
```

    b. Take note of the identifier of the enterprise to which the language pack will be provisioned.

    c. Issue the `add_client_application_provisioning` command to provision the language pack to the enterprise:

```
beectl> add_client_application_provisioning --community
<id> --all
```

    Where `<id>` represents the enterprise identifier

SMPP Mode Recommended When Configuring SMS Messages

Oracle Beehive Release 1 (1.5) supports XMS mode and SMPP mode for configuring SMS messages. However, future releases of Oracle Beehive will not support XMS mode. Therefore, Oracle recommends that you use SMMP mode when configuring SMS messages for your deployment.

SMS Message Delivery Limited to United States and Canada

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.1) and later.

Bug 8466463. Oracle Beehive Release 1 (1.5.1.0) supports SMS message delivery to users in the United States and Canada only.

Known Mobility Limitations and Workarounds

This section contains known limitations and workarounds with mobility in Oracle Beehive, and includes the following topic:

- Time Changes May Cause Inaccurate Time-based Data on Sony Ericsson Devices
- Sony Ericsson W580i (JP7) Does Not Support Alphabetic Characters in Phone Numbers
- Oracle Beehive Unable to Provision Nokia and Sony-Ericsson Phones Over Non-standard SSL Ports
- Byte Size of Messages Twice as Large Through Oracle Beehive Mobile Push Mail Client
- Oracle Beehive Does Not Differentiate Between Required and Optional Attendees in Windows Mobile
- Upgrading Oracle Beehive Overrides Custom Mobile Device Profile Settings

Time Changes May Cause Inaccurate Time-based Data on Sony Ericsson Devices

Bug 6919722. Sony Ericsson Java Platform devices do not correctly adjust for Daylight Savings time changes and changes between time zones. As a result, time-based data, such as meeting times, may differ by one hour after you change your clock to or from Daylight Savings time, or after you travel to a new time zone. To avoid this limitation, you should delete all calendar entries prior to a time change and fully refresh your device after the change, as described by the following procedure.

> **Note:** The steps described in the following procedure may differ slightly depending on the model name and number of your Sony Ericsson device.

To ensure that your Sony Ericsson device displays the correct time and time-based data, complete the following steps:

1. Prior to a Daylight Savings time change or traveling to a new time zone, synchronize your mobile device.

2. From the Organizer menu on your device, select **Calendar**, then **Advanced**, and then **Delete All**.

3. Select **Yes** to confirm. This will delete all calendar data from your device and force a full synchronization the next time you synchronize.

4. After the Daylight Savings clock change occurs, or after you enter a new time zone, check that the time on the device is correct. If it is not, set the correct time.

5. Synchronize your device.

6. If you are traveling, repeat this procedure prior to returning to your original time zone or before you leave for another time zone.

Sony Ericsson W580i (JP7) Does Not Support Alphabetic Characters in Phone Numbers

Bug 7114363. The Sony Ericsson W580i (JP7) mobile device does not support alphabetic characters in phone numbers. For example, the phone number "1800SAFEWAY" is not supported. This is a known device limitation.

This limitation is relevant to Oracle Beehive in cases where users enter alphabetic characters in phone numbers through their desktop clients, such as for contacts in Oracle Beehive Extensions for Outlook, and subsequently synchronize their Sony Ericsson W580i (JP7) devices. In these cases, any alphabetic characters in phone numbers will not synchronize to the mobile devices and only numeric characters will appear. For example, if a user enters "1800SAFEWAY" in an Oracle Beehive client and synchronizes to the Sony Ericsson W580i (JP7) device, only "1800" will appear on the device.

Oracle Beehive Unable to Provision Nokia and Sony-Ericsson Phones Over Non-standard SSL Ports

Bug 6966867. Oracle Beehive cannot provision Nokia and Sony-Ericsson phones if the SSL ports for the IMAP (port 993) and SMTP (port 465) services are non-standard, that is, if the SSL ports for these services are different than the expected default settings.

To resolve this issue on Nokia phones, complete the following steps:

1. Configure the phone's IMAP setting by navigating through the following menu options: **Mailbox>Options>E-mail settings>Connection Settings>Incoming E-mail>Security (Ports)**. In the Security (Ports) screen, select **SSL/TLS** and enter the number of the non-standard port for your deployment.

2. Configure the phone's SMTP setting by navigating through the following menu options: **Mailbox>Options>E-mail settings>Connection Settings>Outgoing E-mail>Security (Ports)**. In the Security (Ports) screen, select **SSL/TLS** and enter the number of the non-standard port for your deployment.

To resolve this issue on Sony-Ericsson phones, complete the following steps:

1. Configure the phone's IMAP setting by navigating through the following menu options: **Messaging>Email>Settings>Account Settings>Beehive>More>Edit Account**. In Edit Account screen, scroll down to Encryption and select **Incoming Server**. In the Incoming Server screen, select **SSL** and enter the number of the non-standard port for your deployment.

2. Configure the phone's SMTP setting by navigating through the following menu options: **Messaging>Email>Settings>Account Settings>Beehive>More>Edit Account**. In Edit Account screen, scroll down to Encryption and select **Outgoing Server**. In the Outgoing Server screen, select **SSL** and enter the number of the non-standard port for your deployment.

Byte Size of Messages Twice as Large Through Oracle Beehive Mobile Push Mail Client

Bug 7353473. The Oracle Beehive Mobile Push Mail client uses Unicode to display messages on users' mobile devices. Therefore, in terms of the size measured in total bytes, messages displayed by the Oracle Beehive Mobile Push Mail client will typically be twice as large as those displayed by other supported Oracle Beehive clients.

Oracle Beehive Does Not Differentiate Between Required and Optional Attendees in Windows Mobile

When viewed through Microsoft Windows Mobile software on supported mobile devices, meeting or event attendees will appear as "required", even if they were designated as "optional" when the meeting was created. This limitation applies to all supported versions of Microsoft Windows Mobile when used with Oracle Beehive.

Upgrading Oracle Beehive Overrides Custom Mobile Device Profile Settings

Bugs 8556534, 8556595, and 8571953. Upgrading to a subsequent release of Oracle Beehive overrides any custom settings that are present in the mobile device profiles for your deployment. If this occurs, reload those settings after the upgrade process concludes.

Known Mobility Issues

This section contains known issues with mobility-related services, features, and functionality, and includes the following topics:

- Mobile Data Sync Service May Convert an All-Day Meeting to a Day Event in Sony Ericsson Devices
- Mobile Data Sync Service May Incorrectly Synchronize Events to Sony Ericsson Devices
- Mobile Data Sync Service Does Not Synchronize Day Event Reminders to Oracle Beehive
- Synchronization Limited to One-Way on Nokia 40 Series Mobile Devices
- SMS Messages Sent to Users through Service Providers Based Outside of the United States May Appear Corrupted

Mobile Data Sync Service May Convert an All-Day Meeting to a Day Event in Sony Ericsson Devices

Bug 6414080. When synchronized with Sony Ericsson Symbian devices, the Mobile Data Sync Service may convert an All-Day meeting that to a Day event. All-day meetings have a start time of 12:00 a.m. on one day and an end time of 12:00 a.m. on the following day.

Mobile Data Sync Service May Incorrectly Synchronize Events to Sony Ericsson Devices

Bug 6413555. When an event has previously been synchronized with Oracle Beehive using the Mobile Data Sync Service, and is subsequently modified on Oracle Beehive, if a slow synchronization is performed, the event will no longer appear on the Sony Ericsson device.

Mobile Data Sync Service Does Not Synchronize Day Event Reminders to Oracle Beehive

Bug 6367501 and 6315167. The Mobile Data Sync Service does not synchronize reminders on Day events created on mobile devices. If a reminder exists on a Day event created on the device, the reminder will be lost after synchronization.

Synchronization Limited to One-Way on Nokia 40 Series Mobile Devices

Bug 6912769. Currently, Nokia 40 Series phones deployed with Oracle Beehive only support one-way synchronization (from server to device). Two-way synchronization cannot presently be supported as the Nokia OMA-DS client begins to falsely report modifications after repeated use.

SMS Messages Sent to Users through Service Providers Based Outside of the United States May Appear Corrupted

Bug 8439781. If brackets, that is [or], exist in SMS messages that are sent to users through service providers based outside of the United States, they will be replaced by other characters. This will give the appearance that the messages have been corrupted, when, in fact, only the brackets were replaced.

16

Operating System Notes

This section contains information on the following supported operating system as it relates to Oracle Beehive:

- Microsoft Windows Notes

Microsoft Windows Notes

This section contains information that is to specific to Oracle Beehive deployments on Microsoft Windows, and includes the following topic:

- May Need to Manually Remove Oracle Home when Removing Oracle Beehive

May Need to Manually Remove Oracle Home when Removing Oracle Beehive

Bug 6341051. When removing an Oracle Beehive installation on the Microsoft Windows platform, if you receive an error message from the Oracle Beehive Uninstall Wizard that it was unable to delete the Oracle home folder, delete it manually, then restart your computer.

17

Globalization Notes

This module contains the following types of information on Oracle Beehive globalization:

- General Globalization Notes
- Known Limitations and Workarounds with Globalization
- Known Issues with Oracle Beehive Globalization

General Globalization Notes

This section contains general information about Oracle Beehive globalization, and includes the following topic:

- Notifications

Notifications

Notifications generated in one non-English character set and displayed in a different non-English locale may have corrupted characters. For example, a meeting notification with a location in Japanese, shown to a client running in a German locale, may not properly display the Japanese characters.

Known Limitations and Workarounds with Globalization

This section contains information on known globalization limitations and workarounds, and includes the following topics:

- Korean, Simplified Chinese, and Traditional Chinese Not Supported in Cisco IP Communicator
- Using the Save As Function in Microsoft Internet Explorer Modifies Non-ASCII File Names
- Verisign Does Not Support UCS-2 Encoding in SMS Messages
- Oracle Beehive Supports ASCII Characters in Users' Native Languages Only

Korean, Simplified Chinese, and Traditional Chinese Not Supported in Cisco IP Communicator

Bug 6908257. Cisco IP Communicator (soft phone) does not support Korean, Simplified Chinese, and Traditional Chinese.

Using the Save As Function in Microsoft Internet Explorer Modifies Non-ASCII File Names

> **Note:** This limitation only applies for users who access Oracle Beehive workspaces with Microsoft Internet Explorer Version 6 in Windows XP with the Simplified Chinese language pack.

Bug 6939991. Using the Save As function on a file that has non-ASCII characters in its file name will modify the file name by removing some characters. This limitation affects only the file names themselves. It does not affect file type extensions or any non-ASCII text contained in files.

Verisign Does Not Support UCS-2 Encoding in SMS Messages

Bug 7164221. Verisign does not support UCS-2 encoding, which is required to encode non-English ASCII characters in SMS messages. As a result, any non-English ASCII characters in SMS messages will appear corrupted and unreadable to users.

Oracle Beehive Supports ASCII Characters in Users' Native Languages Only

Bugs 6120654, 6359278, and 7706764. Oracle Beehive supports ASCII characters in users' native languages only. In other words, Oracle Beehive will only display the ASCII characters supported by each locale. In cases where ASCII or non-ASCII characters from one locale must be displayed in the another locale, Oracle Beehive may replace unsupported characters with questions marks (?) or other characters.

This limitation can manifest itself in the following ways:

- Bugs 6120654 and 6359278. If your deployment's user directory contains ASCII or non-ASCII characters from multiple locales, users in one locale will not see the correct characters from other locales.

- Bug 7706764. In FileZilla 3.2.0, Oracle Beehive may replace unsupported characters with questions marks (?) or other characters in folder and file names, including when users double-click file names to create new branches in their directory trees.

Known Issues with Oracle Beehive Globalization

This section contains information on known issues with Oracle Beehive globalization, and includes the following topic:

- Task Notifications Sent to Users in French (Canadian) Locale May Contain Additional Characters

Task Notifications Sent to Users in French (Canadian) Locale May Contain Additional Characters

> **Note:** This issue is resolved in Oracle Beehive Release 1 (1.5.1.2) and later.

Bug 7716276. Notifications for new tasks that are sent to users configured for the French (Canadian) locale may contain additional characters. These characters, which

typically appear at the top of the notification, do not impact the integrity of the notification and, therefore, can be ignored.

18

Documentation Notes

This module contains the following type of information regarding Oracle Beehive documentation:

- Changes in Oracle Beehive Documentation
- Known Issues with Oracle Beehive Installation Documentation
- Known Issues with Oracle Beehive Administration Documentation

Changes in Oracle Beehive Documentation

The first edition of the documentation library for Oracle Beehive Release 1 (1.5) was published on May 1, 2009. This section lists the major changes that have been made in each edition of the documentation library. All changes are cumulative.

- Changes in Oracle Beehive Documentation: June 30, 2009
- Changes in Oracle Beehive Documentation: May 1, 2009

Changes in Oracle Beehive Documentation: June 30, 2009

The following table lists the changes made in the June 30, 2009 edition of the Oracle Beehive documentation library:

Table 18–1   Changes in Oracle Beehive Documentation: June 30, 2009

Book	Change
Oracle Beehive Administrator's Reference Guide	■ Revised the module "Oracle Beehive Property Reference"

Changes in Oracle Beehive Documentation: May 1, 2009

The following table lists the changes made in the May 1, 2009 edition of the Oracle Beehive documentation library:

Table 18–2   Changes in Oracle Beehive Documentation: May 1, 2009

Book	Change
Oracle Beehive Administrator's Guide	■ Added new recommended post-installation configuration steps in "Configuring and Managing Oracle Collaboration Coexistence Gateway" ■ In the module "Managing Oracle Beehive E-mail", added the sections "Configuring SMTP to Require Authentication" and "Configuring E-mail Archiving Rules" ■ In the module "Managing and Provisioning Oracle Beehive Users", added the sections "About the Timezone Attribute with LDAP Synchronization" and "About User display_name Values" ■ In the module "Managing Oracle Beehive Events, Policies, and Workflow", added the sections "Using Dynamic Policy Attributes" and "Using Dynamic Attributes with Custom Workflow Templates"
Oracle Beehive Application Developer's Guide	■ Added content for working with Oracle Beehive Business Views
Oracle Beehive Administrator's Reference Guide	■ Revised the module "Oracle Beehive Property Reference" ■ Added the following commands: add_team_workspace_template_application; delete_device; delete_feed_configuration; delete_xmpp_chat_rooms; list_feed_configurations; list_patch_informations; list_schema_clones; list_schemas; list_user_subscriptions; misc_announce_on_im; modify_im_preferences; modify_patch_information; send_broadcast_im_message; validate_site_key ■ Removed the following commands: download_deployment_templates; upload_deployment_templates ■ Revised details for the following commands: add_feed_configuration; add_user; add_user_subscription; clone_midtier; clone_oc4j_instance; clone_site; import_coexistence_data; delete_coexistence_profile; delete_device_profile; delete_directory_profile; export_configuration_data; import_coexistence_data; list_bootstrap_configuration; list_coexistence_profiles; list_coexistence_status; list_commands; list_components; list_configuration_versions; list_deployment_templates; list_external_contacts; list_ports; list_properties; list_resources; list_resources; list_statistics; list_users; list_workspaces; modify_bootstrap_configuration; modify_coexistence_profile; modify_deployment_structure; modify_external_contact; modify_feed_configuration; modify_hostname; modify_port; modify_resource_classifications; modify_team_workspace; modify_user; upload_deployment_templates; version
Oracle Beehive Central Help	■ New help content available on OTN; Content formerly provided in *Oracle Beehive End-User Information*
Oracle Beehive Concepts	■ In module "Oracle Beehive Deployment Concepts", added the sections "Oracle Beehive Deployments with Oracle Beehive Extensions for Explorer" and "Oracle Beehive Deployments with Oracle Beehive Workspaces Client" ■ In module "Oracle Beehive End-User Clients", added the sections "Oracle Beehive Extensions for Explorer" and "Oracle Beehive Workspaces Client"
Oracle Beehive Conferencing Help	■ New help content available on OTN

Table 18–2   (Cont.) Changes in Oracle Beehive Documentation: May 1, 2009

Book	Change
Oracle Beehive Deployment Guide	■ In module "Deploying Oracle Beehive with Supported Clients and Devices", added the sections "Oracle Beehive Extensions for Explorer" and "Oracle Beehive Workspaces Client"
Oracle Beehive Extensions for Outlook Client Help	■ Changed product name throughout ■ Added content for new feature: Integrated Oracle Beehive conferencing (schedule and join) ■ Added new module "Document Control and Management" ■ Added content for context menu options for document sharing feature ■ Added content for server-side directory searches for users, resources, and groups ■ Added content to "Calendar Features" module for absolute reminders on day events ■ Added content for document properties (copy URL, labels, version, lock status, version history) ■ Added content for new conditions that apply to server-side rules ("To" and "To or CC")
Oracle Beehive Extensions for Outlook Help Supplement	■ New help content available on OTN
Oracle Beehive Licensing Information	■ Updated according to the latest licensing information
Oracle Beehive Mobile Devices Configuration Help	■ New help content available on OTN; Content formerly provided in *Oracle Beehive End-User Information*
Oracle Beehive Installation Guide (for all operating systems)	■ Added content for provisioning Oracle Beehive for DMZ with the Oracle Beehive Provisioning Application ■ Added content for provisioning Oracle Beekeeper with the Oracle Beekeeper Provisioning Application ■ Added content for upgrading from Oracle Beehive Release 1 (1.4.3) and Oracle Beekeeper Release 1 (1.4.3) ■ Added content for installing Oracle Beehive Extensions for Outlook
Oracle Beehive End-User Information	■ Deprecated; This content now provided in the following client-specific help pages: *Oracle Beehive Central Help*, *Oracle Beehive Mobile Devices Configuration Help*, and *Oracle Beehive Standards-based Client Help*
Oracle Beehive Standards-based Client Help	■ New help content available on OTN; Content formerly provided in *Oracle Beehive End-User Information*
Oracle Beehive Workspaces Client Help	■ New help content available on OTN
Oracle Beehive Zimbra Help	■ New help content available on OTN

Known Issues with Oracle Beehive Installation Documentation

This section contains information on known issues with the documentation for Oracle Beehive installation, and includes the following topic:

■ Oracle Beehive Installation Guides Contain Incorrect and Incomplete Information in Note Preceding Provisioning Procedure

Oracle Beehive Installation Guides Contain Incorrect and Incomplete Information in Note Preceding Provisioning Procedure

The Oracle Beehive Installation Guides for all operating systems contain a module called "Provisioning Oracle Beehive". The module contains a note about provisioning Oracle Beehive Release 1 (1.4.3) for Solaris. The note incorrectly refers to a file named `bhprereqpsolaris.zip` (no hyphen). The correct file name is `bhprereq-solaris.zip` (with a hyphen).

Also, before proceeding with the steps in the note, ensure that you have installed Oracle Beehive Provisioning Application version 1.4.3 and a zipped installable version of Oracle Beehive Release 1 (1.4.3) for Solaris exists in Oracle Enterprise Manager Grid Control System Library

Known Issues with Oracle Beehive Administration Documentation

This section contains information on known issues with the documentation for Oracle Beehive administration, and includes the following topics:

■ Inaccurate Description and Examples Provided for export_icalendar Command

■ Incomplete Description Provided for LockoutTime Property

■ Inaccurate Reference to Running `beectl` as Root User

Inaccurate Description and Examples Provided for export_icalendar Command

Bug 8314404. The `beectl` command-line help and the *Oracle Beehive Administrator's Guide* contain inaccurate descriptions and examples for the `export_icalendar` command. Specifically, the descriptions and examples provided for the `--filter_timerange_start` and `--filter_timerange_end` options incorrectly indicate that the following time formats are valid:

■ yyyy-MM-dd'T'HH:mm:ss.SS'Z'

■ yyyy-MM-dd'T'HH:mm:ss.SS

■ yyyy-MM-dd'T'HH:mm:ss'Z'

■ yyyy-MM-dd'T'HH:mm:ss

■ yyyy-MM-dd'Z'

The only valid time format for the `--filter_timerange_start` and `--filter_timerange_end` options is the yyyy-MM-dd format.

Incomplete Description Provided for LockoutTime Property

Bug 7455743. The description provided in the `beectl` command-line help and the *Oracle Beehive Administrator's Reference Guide* for the LockoutTime property of the Authentication Service is incomplete. In addition to specifying the duration that a user account will be locked out of the system if the maximum allowable login attempts is reached, this property also sets the duration for the JSSO session timeout. For the latter purpose, the timeout occurs at the specified duration regardless of any other factors, including user activity.

Inaccurate Reference to Running `beectl` as Root User

Bug 8827540. The "Execution Permissions of beectl" section of the *Oracle Beehive Administrator's Reference Guide* states that "If the root user does not own the files of the Oracle Beehive application tier, `root` may not call any `beectl` commands." This statement is inaccurate as it implies that running `beectl` as root is supported when, in fact, it is not. Oracle strongly recommends that you do not run beectl as root as this action is not supported and may cause undesired results.