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Audience

This document is intended for Oracle Beehive end users who wish to access their information using standards-based or mobile clients. It supports Oracle Beehive Release 1 (1.4).

Documentation Accessibility

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Conventions

The following text conventions are used in this document:
<table>
<thead>
<tr>
<th>Convention</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>boldface</strong></td>
<td>Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.</td>
</tr>
<tr>
<td><strong>italic</strong></td>
<td>Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.</td>
</tr>
<tr>
<td><strong>monospace</strong></td>
<td>Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.</td>
</tr>
</tbody>
</table>
Oracle Beehive supports a number of open standards and protocols, enabling organizations to deploy and integrate commonly-available or custom applications to access Oracle Beehive data and leverage its robust feature set.

**Note:** This release of Oracle Beehive does not support standards-based clients running Windows Vista.

**Supported Standards and Protocols**

Oracle Beehive supports the following standards and protocols for each of the following needs:

- **File access and document management**: Web-based Distributed Authoring and Versioning (WebDAV), File Transfer Protocol (FTP), Secure File Transfer Protocol (FTPS), and JSR-170
- **E-mail**: Internet Message Access Protocol (IMAP) and Simple Mail Transfer Protocol (SMTP)
- **Time management**: Calendaring Extensions to WebDAV (CalDAV)
- **Instant messaging**: Extensible Messaging and Presence Protocol (XMPP) and XMPP-based IM applications such as Jabber
- **Mobile e-mail and data synchronization**: Push Internet Message Access Protocol (P-IMAP) and Open Mobile Alliance Data Synchronization (OMA-DS)
Using Standards-Based Clients

This module describes how to configure standards-based clients to connect to Oracle Beehive, and contains the following topics:

- **Web Clients (WebDAV)**
  - Cadaver
  - Internet Explorer 6.x and 7
  - Mac OS X Finder Web Access
  - Transmit 3.5.0
  - Windows XP Web Folders
  - WebDAV Server Behavior in Mac OS X

- **FTP Clients**
  - FileZilla 2.x
  - NCFTP 3.2.6
  - SmartFTP 2.5.0
  - Transmit 3.5.0

- **Time Management Clients (CalDAV)**
  - iCal 3.0
  - Mozilla Lightning
  - Mozilla Sunbird

- **E-mail Clients**
  - Mail 2.1
  - Microsoft Outlook 2003
  - Microsoft Outlook 2007
  - Mozilla Thunderbird 2.0

- **Instant Messaging Clients**
  - iChat 3.1.8
  - Oracle Messenger 10.1.2.3
  - Pidgin 2.0
  - Trillian Pro
Web Clients (WebDAV)

Oracle Beehive supports the following WebDAV clients:

- Cadaver
- Internet Explorer 6.x and 7
- Mac OS X Finder Web Access
- Transmit 3.5.0
- Windows XP Web Folders

Cadaver

**Operating System**: Linux

**To configure Cadaver to connect to Oracle Beehive**:

1. Open a shell.
2. Execute the `cadaver` command. For example, if your server name is `barton.oracle.com` and your port number is 7777, your command would be `cadaver http://barton.oracle.com:7777/content/dav`.
3. Enter your user name and password.

Internet Explorer 6.x and 7

**Operating System**: Windows XP

**To configure Internet Explorer to connect to Oracle Beehive**:

1. In the **Address** field, enter the URL to connect to Oracle Beehive using the following structure:

   ```
   http://<Server-Name>[:<Port-Number>]/content/dav
   ```

   **Example**: Your server name is `barton.oracle.com` and your port number is 7777, so the URL you enter is `http://barton.oracle.com:7777/content/dav`.

2. Enter your user name and password, and click **OK**.

**To log out of Oracle Beehive**:

Click the **Logout** link in the top right-hand corner of the page.

Folder Names with Symbols

If you create a folder with a name that contains symbols using Windows XP Web Folders, you may not be able to access the folder in Internet Explorer by clicking the folder link in your personal workspace. To access the folder in Internet Explorer, copy the address from your Windows XP Web Folder and paste it in the Internet Explorer **Address** field.
Mac OS X Finder Web Access

Operating System: Mac OS X 10.4.9

To configure Mac OS X Finder to connect to Oracle Beehive:
1. From the Go menu, select Connect to Server.
2. In the Server Address field, enter the URL to connect to Oracle Beehive using the following structure:
   
   \[
   \text{http://}<\text{Server-Name}>:<\text{Port-Number}>/\text{content/dav}
   \]

   \[\text{Example: } \text{Your server name is barton.oracle.com and your port number is 7777, so the URL you enter is} \]
   \[\text{http://barton.oracle.com:7777/content/dav.}\]

   If you do not know your Oracle Beehive URL, please contact your system administrator.
3. Click Connect.
4. Enter your user name and password and click OK.

Transmit 3.5.0

Operating System: Mac OS X 10.4.9

To configure Transmit to connect to Oracle Beehive:
1. In the Server field, enter the server name. For example, if your server is barton.oracle.com, you would enter barton.oracle.com in the Server field. If you do not know your server name, please contact your system administrator.
2. Enter your user name and password.
3. Enter /content/dav in the Initial Path field. If you do not know your initial path, please contact your system administrator.
4. Enter the port number of your server.
5. Select WebDav from the Protocol list.
6. Click Connect.

Windows XP Web Folders

Configuration

To configure Windows XP Web Folders to connect to Oracle Beehive:
1. In Windows Explorer, click My Network Places.
2. Click Add a network place.
3. Click Next.
4. Select Choose another network location and click Next.
5. In the Internet or network address field, enter the URL to connect to Oracle Beehive using the following structure:
http://<Server-Name>:<Port-Number>/content/dav

Example: Your server name is barton.oracle.com and your port number is 7777, so the URL you enter is http://barton.oracle.com:7777/content/dav.

If you do not know your Oracle Beehive URL, please contact your system administrator.

6. Enter your user name and password, and click **OK**.
7. Enter a name for your network place, and click **Next**.
8. If you want to access this network place immediately, select the **Open this network place when I click Finish** check box.
9. Click **Finish**.

**To log out of Oracle Beehive:**
1. Click the **Logout** link in the top right-hand corner of the page.
2. Delete the corresponding network place from the **My Network Places** list.

**Caution:** When logging out of Oracle Beehive, make sure that you have not performed any other WebDAV-related actions between step 1 and step 2.

**Supported Web Folder Versions**
Oracle Beehive supports the following versions of Windows XP Web Folders:

- 11.0.6715.60 or later
- 12.0.4518.1014 or later

**Known Issues and Limitations**

- **Microsoft Windows XP Professional 2002 Service Pack 2:** When you create a folder in your personal workspace, you may receive an error message stating that an entity was not found. Ignore the error. The folder will be created normally.
- **Web Folders 12.0.4518.1014:**
  - Opening a text file will generate an error message stating that the file name, directory name, or volume label syntax is incorrect. Ignore the error.
  - Moving or copying a file to a directory where a file with the same name exists will fail.
- **Explicit file versioning not supported in Manual mode:** Microsoft Windows Web Folders does not support explicit versioning of files when versioning control is set to Manual mode. To update a file hosted by Web Folders when versioning is set to Manual mode, users must check out a file, change it, save it, and check it back in.

**WebDAV Server Behavior in Mac OS X**
When right-clicking a folder or document on a WebDAV server, the following Mac OS X options will not work:

- Make Alias
Create Archive

If you want to reduce the number of files sent from your desktop to the Oracle Beehive WebDAV server, you can disable the creation of .DS_Store files on your Macintosh using instructions found at the following location:
http://docs.info.apple.com/article.html?artnum=301711

However, disabling the creation of .DS_Store files on your Macintosh will prevent you from copying files from a Local File System to the Oracle Beehive WebDAV server. All other WebDAV operations should function normally.

FTP Clients

Oracle Beehive supports the following FTP clients:
- FileZilla 2.x
- NCFTP 3.2.6
- SmartFTP 2.5.0
- Transmit 3.5.0

FileZilla 2.x

Operating System: Windows XP

Configuration

To configure FileZilla to connect to Oracle Beehive:
1. From the File menu, select Site Manager.
2. Click New Site.
3. Enter a name for the site.
4. In the Host field, enter your server name (e.g. myserver.oracle.com).
5. Enter your port number.
6. From the Servertype list, select FTP.
7. In the Logontype section, select the Normal check box.
8. Enter your user name and password.
9. Click Connect.
10. Click Save and Exit.

Windows Character Sets and Uploading

Uploading a file to a directory using the Windows-1252 user character set and a non-English language will fail.

NCFTP 3.2.6

Operating System: Linux

To configure NCFTP to connect to Oracle Beehive:
1. Launch NCFTP.
2. Connect to the Oracle Beehive server using the open command with the `-u` (user name) and `-P` (port number) options and arguments. For example, if your user name, port number, and server name were jcoetzee, 7777, and barton.oracle.com, respectively, you would type `open -u jcoetzee -P 7777 barton.oracle.com`.

3. For more information, consult the NCFTP documentation.

**SmartFTP 2.5.0**

**Operating System**: Windows XP

**To configure SmartFTP to connect to Oracle Beehive:**
1. From the File menu, select New Remote Browser.
2. Select Normal FTP from the Protocol list.
3. In the Host field, enter the name of your server. For example, if your server name is barton.oracle.com, you would enter barton.oracle.com in the Host field. If you do not know your server name, please contact your system administrator.
4. Enter the port number of your server in the Port field.
5. Select Username and Password from the Login Type list.
6. Enter your user name and password.
7. Click OK.

**Transmit 3.5.0**

**Operating System**: Mac OS X 10.4.9

**Configuration**

**To configure Transmit to connect to Oracle Beehive:**
1. In the Server field, enter the server name. For example, if your server name is barton.oracle.com, you would enter barton.oracle.com in the Server field. If you do not know your server name, please contact your system administrator.
2. Enter your user name and password.
3. Enter the port number of your server.
4. Select FTP from the Protocol list.
5. Click Connect.

**Copying Document Aliases**

When you transfer a document alias, Transmit will transfer the original document, not the alias.

**Time Management Clients (CalDAV)**

Oracle Beehive supports the following CalDAV clients:

- iCal 3.0
- Mozilla Lightning
- Mozilla Sunbird

**iCal 3.0**

**Operating System:** Mac OS X 10.5

**To configure iCal to connect to Oracle Beehive:**

1. Open a Web browser and enter the location of your Oracle Beehive calendar data using the following structure:

   http://<Server-Name>:<Port-Number>/caldav

   **Example:** Your server name is barton.oracle.com and your port number is 7777, so the URL you enter is

   If you do not know your Oracle Beehive calendar data URL, please contact your system administrator.

2. Enter your Oracle Beehive user name and password. Click **OK**.
3. Click the **Help** link in the top right-hand corner of the window.
4. Copy the URL next to **Apple iCal**.
5. From the **iCal** menu, select **Preferences**.
6. Click the **Accounts** tab.
7. Click + to add an account.
8. Enter a description for the account.
9. Enter your Oracle Beehive user name and password.
10. Click the **Server Options** arrow.
11. In the **Account URL** field, paste the URL you copied in step 4.
12. Click **Add**. If a warning appears, ignore it and click **OK**.
13. Close the **Accounts** window. Your Oracle Beehive calendar is now listed as **Default Calendar** under the account description heading in the left-hand column.

**Mozilla Lightning**

Oracle Beehive supports Mozilla Lightning 0.8 and 0.9 on the Windows XP, Mac OS X 10.4.9, and Linux operating systems.

**Configuration**

**To configure Mozilla Lightning to connect to Oracle Beehive:**

**Windows and Linux**

1. Make sure that Mozilla Thunderbird 2.0 is running and that you have installed the Lightning add-on.
2. On the **Calendars** tab, click **New**.
3. Select **On the Network** and click **Next**.
4. Select CalDAV from the **Format** list.

5. In the **Location** field, enter the location of your Oracle Beehive calendar data using the following structure:

   \[ \text{http://<Server-Name>:<Port-Number>/caldav/<Enterprise-ID>/home/<User-Email-Address>/calendars/MyCalendar} \]

   **Example:** Your server name is barton.oracle.com, your port number is 7777, your enterprise ID is OracleBeehive, and your user ID is jcoetzee@acme.com. Therefore, your calendar URL is \[ \text{http://barton.oracle.com:7777/caldav/OracleBeehive/home/jcoetzee@acme.com/calendars/MyCalendar} \].

   If you do not know your Oracle Beehive calendar data URL, please contact your system administrator.

6. Enter a calendar name, choose a display color for your calendar entries, and click **Next**.

7. Enter your user name and password, and click **OK**.

8. Click **Finish**. You are now subscribed to your Oracle Beehive calendar. It may take a few seconds for Lightning to retrieve the contents of your calendar from the server.

---

**Macintosh**

1. Make sure that Mozilla Thunderbird 2.0 is running and that you have installed the Lightning add-on.

2. On the **Calendars** tab, click **New**.

3. Select **On the Network** and click **Next**.

4. Select **CalDAV** from the **Format** list.

5. In the **Location** field, enter the location of your Oracle Beehive calendar data using the following structure:

   \[ \text{http://<Server-Name>:<Port-Number>/caldav/<Enterprise-ID>/home/<User-Email-Address>/calendars/MyCalendar} \]

   **Example:** Your server name is barton.oracle.com, your port number is 7777, your enterprise ID is OracleBeehive, and your user ID is jcoetzee@acme.com. Therefore, your calendar URL is \[ \text{http://barton.oracle.com:7777/caldav/OracleBeehive/home/jcoetzee@acme.com/calendars/MyCalendar} \].

   If you do not know your Oracle Beehive calendar data URL, please contact your system administrator.

6. Enter a calendar name, choose a display color for your calendar entries, and click **Next**.

7. Enter your user name and password, and click **OK**.

8. Click **Finish**. You are now subscribed to your Oracle Beehive calendar. It may take a few seconds for Lightning to retrieve the contents of your calendar from the server.
Time Zone Settings
Make sure you select the appropriate time zone for your location before you begin working with your Oracle Beehive calendar. Otherwise, your calendar events may not appear at the right times.

Mozilla Sunbird
Oracle Beehive supports Mozilla Sunbird 0.8 and 0.9 on the Windows XP, Mac OS X 10.4.9, and Linux operating systems.

To configure Mozilla Sunbird to connect to Oracle Beehive:

Windows and Linux
1. From the File menu, select Subscribe to Remote Calendar.
2. Select On the Network and click Next.
3. In the Format section, select CalDAV.
4. In the Location field, enter the location of your Oracle Beehive calendar data using the following structure:
   
   http://<Server-Name>:<Port-Number>/caldav/<Enterprise-ID>/home/<User-Email-Address>/calendars/MyCalendar

   Example: Your server name is barton.oracle.com, your port number is 7777, your enterprise ID is OracleBeehive, and your user ID is jcoetzee@acme.com. Therefore, your calendar URL is http://barton.oracle.com:7777/caldav/OracleBeehive/home/jcoetzee@acme.com/calendars/MyCalendar.

   If you do not know your Oracle Beehive calendar data URL, please contact your system administrator.
5. Click Next.
6. Enter a calendar name, select a calendar color, and click Next.
7. Enter your user name and password, and click OK.
8. Click Finish. You are now subscribed to your Oracle Beehive calendar.

Macintosh
1. From the File menu, select Subscribe to Remote Calendar.
2. Select On the Network and click Continue.
3. In the Format section, select CalDAV.
4. In the Location field, enter the location of your Oracle Beehive calendar data using the following structure:
   
   http://<Server-Name>:<Port-Number>/caldav/<Enterprise-ID>/home/<User-Email-Address>/calendars/MyCalendar
If you do not know your Oracle Beehive calendar data URL, please contact your system administrator.

5. Click Continue.

6. Enter a calendar name, select a calendar color, and click Continue.

7. Enter your user name and password, and click OK.

8. Click Done. You are now subscribed to your Oracle Beehive calendar.

Troubleshooting

This section covers ways to troubleshoot issues that might arise when using a CalDAV client with Oracle Beehive.

Mozilla Lightning and Mozilla Sunbird

Error Messages Occasionally, you may encounter the following error message: "There has been an error reading data for calendar: <Your-Calendar-Name>. It has been disabled until it is safe to use it." This message occurs for one of the following reasons:

- If you receive this message but you are still able to access some calendar data, it is a temporary problem with the Oracle Beehive server. If you are using Lightning 0.7 or later or Sunbird 0.7 or later, the problem should resolve itself. If you are using Lightning 0.5 or Sunbird 0.5, you must quit the application and restart for your data to appear normally.
- You have entered the wrong calendar URL. Please verify your calendar URL with your system administrator.

Event Creation If an event you have created does not appear in your Oracle Beehive calendar, make sure that you have not accidentally created the event in your local calendar instead.

Scheduling Meetings with Other Oracle Beehive Users Meetings for which you have not yet indicated an attendance status appear with a ? in their titles. To confirm your attendance status for a meeting, change the ? to a +. To decline the meeting, delete it from your calendar, or change the ? to a -.

Optimizing Memory Usage To avoid excessive memory use, set your calendar refresh interval to no less than 30 minutes by performing the following steps:

1. From the Tools menu, select Options.

2. Click the General tab.

3. Select the Refresh calendars every check box and set the interval to at least 30 minutes.

4. Click OK.
Limitations

- A maximum of 250 meetings are supported per calendar.
- Oracle Beehive 1.3 only: When you assign delegate rights to another user, it may take up to six hours for the user to be able to work as your delegate.
- When you create a meeting in a team workspace, all team workspace members are invited by default.
- The date range for events in your calendar is limited to one month in the past and two years into the future.
- Oracle Beehive does not support the following iCal features:
  - External attachments
  - Delegation
  - Managing available hours
  - Marking events or tasks as Private
  - Specifying whether one of your calendars affects your general availability
- iCalendar categories do not map to Oracle Beehive tags.
- You cannot create holidays in team workspaces.

E-mail Clients

Oracle Beehive supports the following e-mail clients:

- Mail 2.1
- Microsoft Outlook 2003
- Microsoft Outlook 2007
- Mozilla Thunderbird 2.0

Mail 2.1

Operating System: Mac OS X 10.4.9

To configure Mail to connect to Oracle Beehive:

1. From the New Account dialog box, select IMAP from the Account Type list.
2. Enter your name and e-mail address.
3. Enter a description for your account and click Continue.
4. Enter your incoming mail server and password in the appropriate fields and click Continue. If you encounter an error stating that your mail server cannot be reached, ignore it.
5. Enter your outgoing mail server in the field and click Continue. If you encounter an error stating that your mail server cannot be reached, ignore it.
6. Click Continue.
7. Review the information you have entered. Click **Go Back** if you want to change any settings. Otherwise, click **Continue** to create your account.

8. Click **Done**.

9. Select your account from the list on the left-hand side and click the **Account Information** tab.

10. Click **Server Settings**.

11. Enter the port number for your outgoing mail server in the **Server port** field.

12. Click the **Advanced** tab.

13. Enter the port number for your incoming mail server in the **Port** field.

14. Save your changes and exit the **Accounts** dialog box.

### Microsoft Outlook 2003

**Operating System:** Windows XP

This section describes how to connect to Oracle Beehive using Microsoft Outlook with a standard IMAP server for e-mail access only. For a complete Oracle Beehive experience that includes e-mail, calendar, contacts, and tasks, you must install Oracle Beehive Integration for Outlook. Contact your system administrator for more information.

**To configure Microsoft Outlook to connect to Oracle Beehive:**

1. From the **Start** menu, click **Control Panel**.

2. Double-click the **Mail** icon.

3. Click **Show Profiles**.

4. Click **Add**.

5. Enter a profile name and click **OK**.

6. Select **Add a new e-mail account** and click **Next**.

7. Select **IMAP** and click **Next**.

8. Enter your name and e-mail address.

9. Enter your user name and password.

10. Enter your incoming and outgoing mail servers. If you do not know your mail servers, please contact your system administrator.

11. Click **More Settings**.

12. Click the **Advanced** tab and enter port numbers for your incoming and outgoing mail servers.

13. Click **OK**.

14. Click **Next**.

15. Click **Finish**.

16. Click **OK** to exit the **Mail** dialog box.

### Microsoft Outlook 2007

**Operating System:** Windows XP

2-12 Oracle Beehive End-User Information
This section describes how to connect to Oracle Beehive using Microsoft Outlook with a standard IMAP server for e-mail access only. For a complete Oracle Beehive experience that includes e-mail, calendar, contacts, and tasks, you must install Oracle Beehive Integration for Outlook. Contact your system administrator for more information.

To configure Microsoft Outlook to connect to Oracle Beehive:
1. In the E-mail accounts dialog box, Outlook will ask you if you want to set up a new e-mail account. Select Yes and click Next.
2. Select the Manually configure server settings or additional server types check box and click Next.
3. Select Internet E-mail and click Next.
4. From the Account Type list, select IMAP.
5. Enter your incoming and outgoing mail servers.
6. Enter your user name and password.
7. Click More Settings.
8. Click the Advanced tab.
9. Enter port numbers for your incoming and outgoing mail servers. Click OK.
10. Click Next.
11. Click Finish.

Mozilla Thunderbird 2.0
Operating Systems: Windows XP and Linux

To configure Mozilla Thunderbird to connect to Oracle Beehive:
1. From the New Account Setup dialog box, select Email account, and click Next.
2. Enter your name and e-mail address, and click Next.
3. Select IMAP, enter the name of your incoming mail server, and click Next.
4. Enter your user name and click Next.
5. Enter a name for your account and click Next.
6. Verify that all your information is accurate. If you want to edit your account information, click Back. Otherwise, click Finish to create your account.
7. From the Tools menu, select Account Settings.
8. Select Server Settings from the list on the left-hand side. Enter a port number for your incoming mail server.
9. Select Outgoing Server (SMTP) from the list on the left-hand side. Select your server and click Edit.
10. Enter a port number for your outgoing mail server and click OK.
11. Click OK to save your account settings.

Instant Messaging Clients
Oracle Beehive supports the following instant messaging (IM) clients:
Instant Messaging Clients

- iChat 3.1.8
- Oracle Messenger 10.1.2.3
- Pidgin 2.0
- Trillian Pro

**iChat 3.1.8**

**Operating System**: Mac OS X 10.4.9

**To configure iChat to connect to Oracle Beehive:**
1. From the iChat menu, select **Preferences**.
2. Click + to create an account.
3. Select **Jabber Account** from the **Account Type** list.
4. Enter your e-mail address and password. The server field will automatically fill in the appropriate server name.
5. Enter a description for this account and click **Add**.
6. Click **Server Settings** and enter the port number for your Jabber server. If you do not know your port number, please contact your system administrator.
7. From the iChat menu, select **Log In to Jabber**.

**Oracle Messenger 10.1.2.3**

**Operating System**: Windows XP

**To configure Oracle Messenger to connect to Oracle Beehive:**
1. From the Tools menu, select **Options**.
2. Click the **Connection** tab and select the **Manual Configuration for XMPP Connection** check box.
3. In the **XMPP Host** field, enter the name of your server. For example, if your server name is barton.oracle.com, you would enter barton.oracle.com in the field.
4. In the **XMPP Port** field, enter the port number for your server.
5. Click OK.
6. From the **File** menu, select **Sign In**.
7. Enter your user name and password.
8. In the **Resource** field, enter your enterprise identifier. If you do not know your enterprise identifier, please contact your system administrator.
9. Click OK.

**Pidgin 2.0**

**Operating Systems**: Windows XP, Linux

**To configure Pidgin to connect to Oracle Beehive:**
1. Click **Add**.
2. On the **Basic** tab, choose **XMPP** from the Protocol list.
3. Enter your screen name (typically your full e-mail address). If you do not know your screen name, please contact your system administrator.

4. In the Domain field, enter your domain name. For example, if your server name were barton.oracle.com, you would enter oracle.com as the domain name.

5. Click the Advanced tab. If you are not using TLS, select the Allow plaintext auth over unencrypted streams check box.

6. Enter the full name of your server in the Connect server: field. For example, if your server name is barton.oracle.com, you would enter barton.oracle.com in the field.

7. Click Save.

**Trillian Pro**

Operating System: Windows XP

To configure Trillian Pro to connect to Oracle Beehive:
1. From the Trillian menu, select Trillian Preferences.
2. Click Plugins.
3. Select the Jabber check box.
4. Click Identities & Connections in the list on the left-hand side.
5. Select an identity and click Add a new connection. Select Jabber from the list.
6. In the JID field, enter your user name and your XMPP domain name using the <User-Name>@<Domain-Name> structure. For example, if your user name is jcoetzee and your XMPP domain name is oracle.com, you enter jcoetzee@oracle.com in the JID field.

7. Enter your server name.
8. Enter your password.
9. Click Connect.

**Troubleshooting**

You cannot transfer files securely when using an instant messaging client with Oracle Beehive. Though your SSL connection to the server is secure, files will be not securely transferred. When you attempt to transfer a file, you will be warned that the file transfer will be unsecure. You can then proceed with the unsecure file transfer or cancel the operation.
This module describes how to configure your mobile device to connect to Oracle Beehive, and contains the following topics:

- Registering Your Mobile Device
- Enabling SMS Notifications
- Windows Pocket PC and Windows SmartPhone
- Palm OS
- RIM BlackBerry
- Sony Ericsson Symbian
- Sony Ericsson Java Platform
- Nokia Series 40
- Nokia Series 60
- Apple iPhone
- Instant Messaging on Your Mobile Device
- Customizing Synchronization

### Registering Your Mobile Device

**To register your mobile device:**

1. Access the Oracle Beehive User Preferences page through a supported Web browser. Typically, the URL will follow this structure:
   
   \[http://<Your-Server-Name>:<Port-Number>/uss/\]  
   
   or
   
   \[https://<Your-Server-Name>:<Port-Number>/uss/\]

2. Enter your user name and password, and log in.

3. Click **Mobile Devices**.

4. Enter the phone number of your mobile device, including the country code, and click **Add**. Oracle Beehive will send a Short Message Service (SMS) message to your mobile device. Click the URL provided within the SMS message to complete the registration.
Enabling SMS Notifications

To enable SMS notifications for your mobile device:
1. Access the Oracle Beehive User Preferences page through a supported Web browser. Typically, the URL will follow this structure:
   http://<Your-Server-Name>:<Port-Number>/uss/ or https://<Your-Server-Name>:<Port-Number>/uss/
2. Enter your user name and password, and log in.
3. Click Mobile Devices.
4. Before you can receive SMS notifications, you must register your mobile device. To add your mobile device to the My Devices list, enter the phone number of your mobile device, including the country code, and click Add. Alternatively, if your mobile device is already on the My Devices list, select Edit from the Actions column.
5. Select the Enable SMS notifications on this device check box to send yourself SMS reminders for meetings you are planning to attend.
6. Optionally, edit the name of your mobile device.
7. Select Save.

Note: If your device fails to receive the SMS message, you will need to manually access the mobile device User Preferences page from your mobile browser using
   http://<Your-Server-Name>:<Port-Number>/uss/ or https://<Your-Server-Name>:<Port-Number>/uss/.

Note: By default, Oracle Beehive only sends reminders as SMS messages when you enable this option. Non-reminder notifications are sent to your inbox. To have non-reminder notifications sent as SMS, use the options on the Oracle Beehive User Preferences page. For more information, see Configuring Your Notifications.

Windows Pocket PC and Windows SmartPhone

This section contains the following topics related to using supported Windows Pocket PC and Windows SmartPhone devices with Oracle Beehive:

- Supported Devices
- Over-the-Air Configuration Using SMS
- Over-the-Air Configuration Without SMS
- Configuration Using ActiveSync
- Synchronizing Your Data on a Pocket PC
- Synchronizing Your Data on a SmartPhone
- E-mail
Supported Devices

- i-mate K-JAM
- AT&T 3125
- Samsung BlackJack SGH-i607
- AT&T 8125/8525
- AT&T Tilt
- Palm Treo 750/700w
- T-Mobile Dash
- T-Mobile Wing
- Samsung SCH-i760
- HTC Touch
- HTC Wizard
- Motorola Q/Q Global
- Moto Q music 9m/9c
- Any Windows Mobile 5, 6, or 6.1 PocketPC or SmartPhone

Over-the-Air Configuration Using SMS

This section will instruct you on how to configure your mobile device to connect to Oracle Beehive through Over-the-Air (OTA) provisioning using SMS.

To configure your mobile device for OTA provisioning using SMS:

1. Register your mobile device. Upon registration, Oracle Beehive will send an SMS message to your mobile device. For more information, see Registering Your Mobile Device.

2. On your mobile device, select the link provided in the SMS message to launch Pocket Internet Explorer. A web page is displayed with Oracle Mobile Management Console available for download.

3. Select Oracle Mobile Management Console to start the download.

4. Once Oracle Mobile Management Console has finished downloading, please review your user information:
   - Enter your user name. Unless your system administrator has said otherwise, your user name is your full e-mail address.
   - Enter a valid password.
   - The Oracle Beehive URL should already appear in the appropriate field. If it is not present, enter the URL provided by your system administrator. Typically, the URL will follow this structure:

     http://<Your-Server-Name>:<Port-Number>/uss/ or
     https://<Your-Server-Name>:<Port-Number>/uss/

5. Select OK.

6. Choose applications to install from the list and select OK. Synthesis AG Synthesis SyncML allows you to synchronize your Oracle Beehive mobile events, tasks,
and contacts with your computer. Oracle Beehive Mobile Client allows you to send and receive messages on your mobile device.

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**Note:** Synthesis SyncML is a third-party application. In order for Synthesis SyncML to appear in the list, your organization must have purchased the application and made it available in Oracle Beehive. Please contact your system administrator for more information.

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7. Select **Yes** to any prompts you receive during installation.

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**Note:** If you have a storage card, choose whether to install Oracle Beehive on the storage card or on your mobile device, and select **Install**.

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**Over-the-Air Configuration Without SMS**

**To configure your mobile device for OTA provisioning without using SMS:**

1. On your mobile device, launch Pocket Internet Explorer.

2. Enter the Oracle Beehive URL that your system administrator has provided. Normally the URL should be either

   http://<Your-Server-Name>:<Port-Number>/uss/ or

   https://<Your-Server-Name>:<Port-Number>/uss/.

3. Follow steps 3 through 8 in **Over-the-Air Configuration Using SMS**.

---

**Configuration Using ActiveSync**

**To configure your mobile device using ActiveSync:**

1. Access the Oracle Beehive User Preferences page through a supported Web browser. Typically, the URL will follow this structure:

   http://<Your-Server-Name>/uss/ or

   https://<Your-Server-Name>/uss/

2. Enter your user name and password, and log in.

3. Click **Mobile Devices**.

4. Select **Oracle Mobile Management Console for Windows Mobile 5 & 6** to start the download.

5. Once you have finished downloading the application, double-click the Beehive executable to start installation.

6. Make sure that your mobile device is connected to your computer (cradled, connected via USB cable, or connected wirelessly via Bluetooth).

7. Make sure that ActiveSync is running, then select **Next**.

8. Enter your user name. Typically, this is your work e-mail address. If you do not know your user name, please contact your system administrator.

9. The Oracle Beehive URL should already appear in the appropriate field. If it is not present, enter the URL provided by your system administrator.

10. Select **Next**. ActiveSync will copy the needed files to your mobile device.
11. Review the user name and URL you entered before proceeding.

12. Enter your password and select OK.

13. Select applications to install from the list and select OK. Synthesis AG Synthesis SyncML allows you to synchronize your Oracle Beehive mobile events, tasks, and contacts with your computer. Oracle Beehive Mobile Client allows you to send and receive messages on your mobile device.

---

Note: Synthesis SyncML is a third-party application. In order for Synthesis SyncML to appear in the list, your organization must have purchased the application and made it available to Oracle Beehive users. Please contact your system administrator for more information.

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14. If you have a storage card, choose whether to install Oracle Beehive on the storage card or on your mobile device, and select Install.

15. Select Done or OK (depending on your device) to complete installation of Oracle Beehive.

**Synchronizing Your Data on a Pocket PC**

To synchronize your data:

1. On your device, select Start, then Programs.

2. Select Synthesis SyncML.

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Note: Synthesis SyncML is a third-party client available at http://www.synthesis.ch/.

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3. Select Extras, then Profile Settings.

4. If the location of your Oracle Beehive data is not already provided, enter the location in the SyncML Service Address field using the following structure:

   \[ \text{http://<Server-Name>:<Port-Number>/mobilesync/server} \]

---

Example: For example, if your server name is barton.oracle.com and your port number is 7777, you enter http://barton.oracle.com:7777/mobilesync/server in the field.

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5. Enter your Oracle Beehive user name and password.

6. Under the Synchronize heading, select the data you want to synchronize: events, tasks, meetings, and/or messages.

7. Select General.

8. Select OK.

9. To synchronize your data, select the arrowed circle.
Synchronizing Your Data on a Smartphone

To synchronize your data:
1. On your device, select Start, then Programs.
2. Select Synthesis SyncML.

   Note: Synthesis SyncML is a third-party client available at http://www.synthesis.ch/.

3. Select Menu, then Profile Settings.
4. If the location of your Oracle Beehive data is not already provided, enter the location in the SyncML Server Address field using the following structure:
   http://<Server-Name>:<Port-Number>/mobilesync/server

   Example: For example, if your server name is barton.oracle.com and your port number is 7777, you enter http://barton.oracle.com:7777/mobilesync/server in the field.

5. Enter your Oracle Beehive user name and password.
6. Under the Data heading, select the data you want to synchronize: events, tasks, meetings, and/or messages.
7. Select Save.
8. To synchronize your data, select Sync.

E-mail

Following installation, Oracle Beehive Mobile Client should start automatically and display the current working mode for Oracle Beehive. If the default working mode is Offline, select Menu, then Synchronize, then Done.

Once Oracle Beehive Mobile Client has started up, it will synchronize your e-mail for the first time. When you start the Pocket Outlook Messaging application, you will see a new account called Beehive that contains all your e-mail.

Palm OS

This section contains the following topics related to using supported Palm OS devices with Oracle Beehive:

- Supported Devices
- Configuration
- Synchronizing Your Data
- E-mail
- Known Issues
Supported Devices

- Palm Treo 680 running Palm OS 5.4.9
- Palm Treo 755p or 700p running Palm OS 5.4.9
- Palm Centro
- Any device running Palm OS 4.x

Configuration

To configure your mobile device for Oracle Beehive:

1. Register your mobile device. Upon registration, Oracle Beehive will send an SMS message to your mobile device. For more information, see Registering Your Mobile Device.

2. Log in to Oracle Beehive using the link provided in the SMS message. You will see a list of available applications to install.

3. If you do not have Palm Application Installer installed on your mobile device, download and install it:
   1. Select Readme.
   2. Select the Palm Application Installer link.

   [Note: In order for Palm Application Installer to appear in the list, your organization must have made it available to Oracle Beehive users. If the application does not appear on the list, please contact your system administrator.]

4. Go back to the list of available applications to install and select Synthesis SyncML Client PRO.
5. Select a location for your download and select Yes.
6. Once the download has completed, select Save and Open.

Synchronizing Your Data

To synchronize your data:
1. Select Run to start the Synthesis client.
2. Select Menu.
3. Select Profile Settings.
4. In the SyncML Server URL field, enter the location of your Oracle Beehive data using the following structure:
   
   http://<Server-Name>:<Port-Number>/mobilesync/server

   Example:  For example, if your server name is barton.oracle.com and your port number is 7777, you enter
   http://barton.oracle.com:7777/mobilesync/server in the field.

5. Enter your Oracle Beehive user name and password.
6. Under the Synchronize databases heading, select the item types you want to synchronize.
7. Select OK to save your settings.
8. To synchronize your data, select the arrowed circle.

E-mail

You can configure your Palm device to send and receive e-mail using ChatterEmail.

To configure your Palm device to read e-mail:
1. Access the Oracle Beehive User Preferences page through a supported Web browser. Typically, the URL will follow this structure:
   
   http://<Your-Server-Name>:<Port-Number>/uss/ or
   https://<Your-Server-Name>:<Port-Number>/uss/

2. Select ChatterEmail Client to start the download.

Note:  ChatterEmail is a Palm application. In order for ChatterEmail to appear in the list of mobile software available for download, your system administrator must have purchased ChatterEmail and made it available to Oracle Beehive users.
3. Choose an install location and select Yes to start the download.
4. Once the download is complete, select Save and open.
5. Click Run to start ChatterEmail.
6. Enter your Oracle Beehive display name, e-mail address, and password. If you do not know any of these values, please contact your system administrator.
7. Select OK.
8. Select the top left-hand corner of your screen.
9. Select Edit Mailbox.
10. In the IMAP Server field, enter your incoming mail server address and port number using the following structure: \(<Server-Name>:<Port-Number>\)

   **Example:** For example, if your server name is barton.oracle.com and your port number is 993, you enter barton.oracle.com:993 in the field.

11. Select the SMTP tab.
12. In the Login Name field, enter your Oracle Beehive user name. Typically, this is your full work e-mail address.
13. Optionally, enter your SMTP (outgoing) mail server in the Server field if it is different from your IMAP (incoming) mail server. Please contact your system administrator for more information.
14. Depending on your organization’s configuration, you may have to select different authentication protocols for your SMTP settings and enter your user ID. Please contact your system administrator for more information.
15. Click OK. ChatterEmail will connect to the Oracle Beehive server and download your e-mail messages.

**Known Issues**

If you are synchronizing e-mail between your Palm device and the Oracle Beehive server using the Synthesis SyncML client, do not use the Reply All feature on your Palm device. Using Reply All will cause the e-mail addresses in the To: field to become invalid during synchronization.

**RIM BlackBerry**

This section contains the following topics related to using supported RIM Blackberry devices with Oracle Beehive:

- Supported Devices
- Configuring and Synchronizing Your Data

**Supported Devices**

- Pearl 8100
- Curve 8300
- 8200, 8700, and 8800 series
■ 7100 and 7200 series

Configuring and Synchronizing Your Data

To configure your mobile device and synchronize your Oracle Beehive data:
2. Install the SyncML client on your device.
3. From your device’s main menu, select SyncJe-BB.
4. Select Menu, then Setting.
5. In the Server URL field, enter the location of your Oracle Beehive data using the http://<server-name>:<port-number>/mobilesync structure. For example, if your server name is faulkner.oracle.com and your port number is 7777, you enter http://faulkner.oracle.com:7777/mobilesync in the field.
6. Enter your Oracle Beehive user name and password.
7. Select the data store(s) you want to synchronize.
8. Enter folder names for your Oracle Beehive items:
   ■ Contacts: ./contacts
   ■ Calendar: ./calendar/events
   ■ ToDo: ./calendar/tasks
9. Select Menu, then Save.
10. To synchronize your data, select Menu, then Start Sync. Select Continue if you encounter any errors.

Sony Ericsson Symbian

This section contains the following topics related to using supported Sony Ericsson Symbian devices with Oracle Beehive:
■ Supported Devices
■ Automatic Configuration
■ Configuring and Synchronizing Your Data
■ E-mail

Supported Devices
■ M600i
■ P990i
■ P1

Automatic Configuration

When you register a Sony Ericsson Symbian device, Oracle Beehive will ask you if you want to receive SMS messages to automatically configure your device to synchronize data and send and receive e-mail. For more information, see Registering
Configuring and Synchronizing Your Data

To configure your mobile device and synchronize your Oracle Beehive data:

1. On your device, select Menu, then Tools.
2. Select Remote Sync, then More.
3. Select Edit Profile.
4. If the location of your Oracle Beehive data is not already provided, enter the location in the Server Address field using the following structure:

   http://<Server-Name>:<Port-Number>/mobilesync/server

   **Example:** For example, if your server name is barton.oracle.com and your port number is 7777, you enter http://barton.oracle.com:7777/mobilesync/server in the field.

5. Enter your Oracle Beehive user name and password.
6. Select Done.
7. Select the item types you want to synchronize using the appropriate check boxes.

   **Note:** Oracle Beehive only supports the synchronization of calendar, tasks, e-mail, address books, and notes.

8. For each item type you have chosen, enter the following values in the appropriate Server database field:

   - Calendar or Tasks: ./calendar
   - E-mail: ./email
   - Address Book: ./contacts
   - Notes: ./notes

9. To synchronize your data, select Sync.

E-mail

You can configure your mobile device to send and receive e-mail using IMAP and SMTP servers.

To configure your device to send and receive e-mail:

1. Select Menu, then Messaging.
2. From the pull-down menu, select Messaging, then Settings, then Email Accounts.
3. If you have not yet created any accounts, select New.
4. Enter an account name, your display name, and your full e-mail address.
5. Select IMAP as your connection type.
6. Select the **Inbox** tab.

7. Enter your IMAP server address, user name, and password. If you do not know any of these values, please contact your system administrator.

8. Deselect **Limit the number of emails**.

9. In the **Use Download Restrictions** section, select **Emails smaller than** and enter 3 KB in the field.

10. Make sure the **Receive Using Group** option is set to the correct group. Contact your system administrator for more information.

11. Select the **Outbox** tab.

12. Enter your outgoing server address, user name, and password.

13. Make sure the **Send Using Group** option is set to the correct group. This group may vary depending on your Internet service provider. Contact your system administrator for more information.

14. If you are using a secure server, you must enter secure settings and port information:
   a. Select **Messaging**, then **Email**, then **Settings**.
   b. Select **Account Settings**.
   c. Select your Oracle Beehive account.
   d. Select **More**, then **Edit Account**.
   e. Scroll down and select **Encryption**.
   f. To configure your incoming mail server, select **Incoming Server** and **SSL**, then enter your secure port number. To configure your outgoing mail server, select **Outgoing Server** and **SSL**, then enter your secure port number.

15. Click **Save**.

16. Click **Done** to exit the **Settings** screen.

**To send and receive e-mail:**
1. Select your new account.
2. From the pull-down menu that corresponds to your new account, select **Get & Send**.

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**Note:** If you are unable to send or receive e-mail, your Internet group settings may not be properly configured. Please contact your system administrator for more information.

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**Sony Ericsson Java Platform**

This section contains the following topics related to using supported Sony Ericsson Java Platform devices with Oracle Beehive:

- **Supported Devices**
- **Synchronizing Your Data**
- **E-mail**
Supported Devices

- UIQ devices
- JP-7
- JP-8

Synchronizing Your Data

To synchronize your Oracle Beehive data:
1. Select Menu, then Organizer, then Synchronization.
2. Select New Account, then Add.
3. Enter a profile name in the Name field.
4. If the location of your Oracle Beehive data is not already provided, enter the location in the Server Address field using the following structure:
   http://<Server-Name>:<Port-Number>/mobilesync/server

   **Example:** For example, if your server name is barton.oracle.com and your port number is 7777, you enter
   http://barton.oracle.com:7777/mobilesync/server in the field.
5. Enter your Oracle Beehive user name and password.
6. Set the connection to your GPRS account. If your GPRS account is not listed, consult the documentation included with your device for instructions on how to add it.
7. In the App Settings screen, select the item types you want to synchronize.
8. For each item type you have chosen, enter the following values in the appropriate field:
   - Calendar: ./calendar/events
   - Tasks: ./calendar/tasks
   - Contacts: ./contacts
   - Notes: ./notes
9. Save your changes.
10. Select Menu, then Organizer.
11. Select Synchronization.
12. Highlight the newly created profile and select Start to synchronize your data.

E-mail

To configure your mobile device to use Oracle Beehive e-mail:
1. Select Menu, then Messaging, then Email.
2. Select Settings, then New Account.
3. Select **Connection using** and choose the service provider you are using to connect to the internet.

4. Select **Connection Type**, then **IMAP4**.

5. Select **Incoming server**, enter your server address, and select **OK**.

6. Select **Username**, then enter your Oracle Beehive user name, and select **OK**. Typically, your user name is your work e-mail address. If you do not know your user name, please contact your system administrator.

7. Select **Password**, enter your Oracle Beehive password, and select **OK**.

8. Select **Outgoing server**, enter your server address, and select **OK**.

9. Select **Advanced Settings**, then **Encryption**.

10. Select **Incoming Server**, then select your encryption type.

11. Select **Outgoing Server**, then select your encryption type.

12. Select **Back**.

13. Select **Outgoing Username**, enter your SMTP user name, and select **OK**.

14. Select **Outgoing Password**, enter your SMTP password, and select **OK**.

15. Select **Incoming port**, enter your IMAP port number, and select **OK**.

16. Select **Outgoing port**, enter your SMTP port number, and select **OK**.

17. Select **Back** twice.

18. Select the account you have just created.

19. Select **Inbox**.

20. Select **Send & Receive**.

**Nokia Series 40**

This section contains the following topics related to using supported Nokia Series 40 devices with Oracle Beehive:

- **Supported Devices**
- **Synchronizing Your Data**
- **E-mail**

**Supported Devices**

- All 3rd Edition devices
- All 5th Edition devices

**Synchronizing Your Data**

To synchronize your Oracle Beehive data:

1. Configure GPRS for all applications on your device. Please refer to the documentation included with your device for more information.

2. Select **Menu**, then **Settings**, then **Configuration**.

3. Select **Personal Configuration Settings**, then **Add**, then **Synchronization**.
4. Enter a name for your account.

5. If the location of your Oracle Beehive data is not already provided, enter the location in the **Server Address** field using the following structure:
   
   http://<Server-Name>:<Port-Number>/mobilesync/server

   **Example:** For example, if your server name is barton.oracle.com and your port number is 7777, you enter http://barton.oracle.com:7777/mobilesync/server in the field.

6. Enter your Oracle Beehive user name and password.

7. For each item type you want to synchronize, enter the following values in the appropriate field:
   
   - Calendar: ./calendar
   - Contacts: ./contacts
   - Notes: ./notes

8. Select **Menu**, then **Settings**.

9. Select the following option based on your device:
   
   - Series 40 3rd Edition device: Select **Connectivity**, then **Data Transfer**.
   - Series 40 5th Edition device: Select **Sync and backup**.

10. Select **Server Synchronization**, then **Option**.

11. Select **Edit**, then **Synchronization Settings**.

12. Select **Personal Configuration**.

13. Change your account to the account you have just created.

14. Return to the **Synchronization** screen and select **Server Synchronization** to synchronize your data.

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**E-mail**

To configure your mobile device to use Oracle Beehive e-mail:

1. Select **Menu**, then **Messaging**.

2. Select **Options**, then **New mailbox**.

3. From the **Mailbox** type screen, select **IMAP4** and select **Next**.

4. Enter your user name and select **Next**. Typically, your user name is your work e-mail address. If you do not know your user name, please contact your system administrator.

5. Enter your incoming mail server and select **Next**.

6. Enter your outgoing mail server and select **Next**.

7. From the **Access Point in use** screen, select an option:
   
   - **Always ask**: If an access point is in use, you are always asked whether you want to create a new access point.
- **Create new**: If an access point is in use, a new access point is automatically created.

8. Select **Next**.

9. Enter a name for your mailbox and select **OK**.

10. Navigate back to your device’s main screen and select **Menu**.

11. Select **E-mail Settings**, then **Connection Settings**.

12. Select **Incoming Mail**.

13. Enter your Oracle Beehive user name and password and scroll down.

14. Select **SSL/TLS** and set Port to **Default**.

15. Navigate to the **Outgoing E-mail Settings** menu and enter your e-mail address, user name, and password.

16. Select **StartTLS** and set Port to **Default**.

17. Return to the Oracle Beehive main menu and select **Retrieval Settings**.

18. Select **All**.

19. Return to the **Messaging** menu and open the Oracle Beehive account you have just created. You will be prompted to connect to your mailbox. Select **Yes**.

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**Nokia Series 60**

This section contains the following topics related to using supported Nokia Series 60 devices with Oracle Beehive:

- **Supported Devices**
- **Automatic Configuration**
- **Synchronizing Your Data**
- **E-mail**

**Supported Devices**

- E90 Communicator
- E61i, E62
- N-Series devices
- All 3rd edition and 3rd edition FP1 devices

**Automatic Configuration**

When you register a Nokia Series 60 device, Oracle Beehive will ask you if you want to receive SMS messages to automatically configure your device to synchronize data and send and receive e-mail. For more information, see **Registering Your Mobile Device**. If you do not want Oracle Beehive to automatically configure your mobile device, see **Synchronizing Your Data** and **E-mail**
Synchronizing Your Data

**To synchronize your Oracle Beehive data:**

1. Select **Menu**, then **Connectivity**.
2. Select **Sync**.
3. Select **New Sync Profile**.
4. Enter a profile name and select **Next**.
5. Select **1.2** from the **Server Version** list and select **Next**.
6. Choose which item types you want to synchronize by selecting the appropriate check boxes. Select **Next**.
7. If you have chosen to synchronize your contacts, enter `/contacts` and select **Next**.
8. If you have chosen to synchronize your calendar, enter `/calendar` and select **Next**.
9. If you have chosen to synchronize your notes, enter `/notes` and select **Next**.
10. If the location of your Oracle Beehive data is not already provided, enter the location in the **Host Address** field using the following structure:
    
    http://<Server-Name>:<Port-Number>/mobilesync/server
    

**Example:** For example, if your server name is barton.oracle.com and your port number is 7777, you enter
http://barton.oracle.com:7777/mobilesync/server in the field.

11. Select **Next**.
12. Enter your Oracle Beehive user name and password.
13. Select **Yes** to save your profile.
14. From the **Sync** screen, select your Oracle Beehive profile.
15. Select **Options**.
16. Select **Synchronize**.

E-mail

**To configure your mobile device to use Oracle Beehive e-mail:**

1. Select **Menu**, then **Messaging**.
2. Select **Options**, then **New mailbox**.
3. From the **Mailbox** type screen, select **IMAP4** and select **Next**.
4. Enter your user name and select **Next**. Typically, your user name is your work e-mail address. If you do not know your user name, please contact your system administrator.
5. Enter your incoming mail server and select **Next**.
6. Enter your outgoing mail server and select **Next**.
7. From the **Access Point in use** screen, select an option:
   - **Always ask**: If an access point is in use, you are always asked whether you want to create a new access point.
   - **Create new**: If an access point is in use, a new access point is automatically created.

8. Select **Next**.

9. Enter a name for your mailbox and select **OK**.

10. Navigate back to your device’s main screen and select **Menu**.

11. Select **E-mail Settings**, then **Connection Settings**.

12. Select **Incoming Mail**.

13. Enter your Oracle Beehive user name and password and scroll down.

14. Select **SSL/TLS** and set Port to **Default**.

15. Navigate to the **Outgoing E-mail Settings** menu and enter your e-mail address, user name, and password.

16. Select **StartTLS** and set Port to **Default**.

17. Return to the Oracle Beehive main menu and select **Retrieval Settings**.

18. Select **All**.

19. Return to the **Messaging** menu and open the Oracle Beehive account you have just created. You will be prompted to connect to your mailbox. Select **Yes**.

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**Apple iPhone**

This section contains the following topics related to using the Apple iPhone with Oracle Beehive:

- **Synchronizing Your Data**
- **E-mail**

**Synchronizing Your Data**

If you use Microsoft Outlook with Oracle Beehive Integration for Outlook, you can synchronize your iPhone calendar, tasks, and contacts with your Outlook folders using iTunes. For more information, consult the iPhone documentation at [http://www.apple.com/itunes/sync/iphone.html](http://www.apple.com/itunes/sync/iphone.html).

**E-mail**

To configure your Apple iPhone to send and receive e-mail using Oracle Beehive:

1. Tap **Settings**.
2. Tap **Mail**.
3. Tap **Add Account**.
4. Tap **Other**.
5. Enter your name, e-mail address, and a description of the Oracle Beehive e-mail account.

6. Enter your incoming mail server, user name, and password. Typically, your user name is your work e-mail address. If you do not know your incoming mail server, user name, or password, please contact your system administrator.

7. Enter your outgoing mail server, user name, and password.

8. Tap Save.

To review your e-mail settings:
1. Tap Settings.
2. Tap the description of your Oracle Beehive e-mail account.
3. Tap Advanced.

Instant Messaging on Your Mobile Device
IM+ All-in-One Mobile Messenger, a third-party client provided by SHAPE Services, enables you to communicate through instant message with other Oracle Beehive users using the XMPP (Jabber) protocol. For more information, visit the SHAPE Services web site at http://www.shapeservices.com/en/index.php.

Customizing Synchronization
You can customize different aspects of your Oracle Beehive user experience by setting a date range for synchronized items, choosing whether to delete items outside the specified date range, and choosing whether to synchronize declined events.

Modifying the Default Date Range
When you synchronize your mobile device, events and tasks outside the server-defined, device-specific date range are not sent to the device by default. You can override this behavior by modifying your device settings.

To modify the default date range for your mobile device:
Append /dr(<Days-Past>,<Days-Future>) to the Calendar URI on your mobile device, where <Days-Past> is the number of days in the past, and <Days-Future> is the number of days in the future.

Examples:
- ./Calendar?/dr(-7,14): Synchronizes events and tasks seven days in the past to 14 days in the future.
- ./Calendar/Events?/dr(-30,60): Synchronizes events 30 days in the past to 60 days in the future.
- ./Calendar/Tasks?/dr(0,7): Synchronizes tasks from today to seven days in the future.
Customizing Synchronization

Deleting Items Outside the Date Range
Whenever you synchronize your mobile device, any events or tasks outside the specified date range of your device are archived on the server and deleted from the device by default. You can override this behavior by modifying your device settings.

To control whether or not items outside your specified date range are deleted from your mobile device during synchronization:
Append /del(<X>) to the Calendar URI on your device. Entering TRUE for <X> retains items outside your date range on your mobile device. Entering FALSE for <X> deletes items outside your date range from your mobile device. You can have different settings for events and tasks.

Examples:
- ./Calendar/Tasks?/dr(-30,60)/del(false):
  Synchronizes tasks 30 days in the past to 60 days in the future, but retains tasks outside this date range on your device.
- ./Calendar/Events?/dr(-30,60)/del(true):
  Synchronizes events 30 days in the past to 60 days in the future, and deletes events outside this date range from your device.

Transferring Declined Events to Your Mobile Device
By default, Oracle Beehive does not transfer declined events to your mobile device during synchronization. However, you may want to view declined events on your device in case you decide to attend an event that you have previously declined.

To transfer declined events to your mobile device:
Append /refusedentries(<X>) to the Calendar URI on your device. Entering TRUE for <X> synchronizes all events, including declined events, on your mobile device. Entering FALSE for <X> synchronizes only accepted events and unconfirmed events on your mobile device.

Examples:
- ./Calendar/refusedentries(true):
  Synchronizes all events (including declined events) and tasks.
- ./Calendar?/dr(-7,14)/refusedentries(true):
  Synchronizes all events (including declined events) and tasks seven days in the past and 14 days in the future.
- ./Calendar/Events?/refusedentries(false):
  Synchronizes only accepted events and unconfirmed events.
Oracle Beehive Central is a Web-based client that provides users a central location to download supported clients and delegate permissions to other users for their e-mail, calendars, tasks, notes, journals, and contacts.

Oracle Beehive Central supports Mozilla Firefox 2.0 in the Windows, Linux, Mac OS X, and Solaris operating systems, and Microsoft Internet Explorer 7.0 in the Windows operating system only.

**Accessing Oracle Beehive Central**

Oracle Beehive Central provides a public home page and a private home page. All users within an Oracle Beehive deployment can access and view the Oracle Beehive Central public home page. To access and view the private home page, users must provide credentials for authentication.

**To access Oracle Beehive Central:**

1. Open a supported Web browser and enter the URL for Oracle Beehive Central. Typically, the URL for Oracle Beehive Central will match the following structure:
   
   http://<Your-Server-Name>:<Port-Number>/bcentral/home.jsp
   
   or
   
   https://<Your-Server-Name>:<Port-Number>/bcentral/home.jsp

2. To access the private home page of Oracle Beehive Central, click **Sign In** and enter your user name and password.

3. To access the Download Center (to download supported clients), click **Download Center**.

4. To access the Delegation Center (to assign permissions to delegated users), click **Delegation Center**. For more information, please refer to "Delegation".
This module discusses the delegation features that Oracle Beehive provides, and includes the following topics:

- **About Delegation**
- **Adding Delegates and Setting Permissions**
- **Modifying a Delegate’s Permissions**
- **Removing Delegates**

### About Delegation

Oracle Beehive enables you to delegate permission to other users, also referred to as *delegates* or *delegated users*. Permissions that you can assign to delegated users include the ability to read, create, modify, and delete your calendar entries, e-mail messages, tasks, contacts, notes, and journal entries.

You specify delegates and assign permissions through the Delegation Center, provided by Oracle Beehive Central. To access Oracle Beehive Central, refer to "Accessing Oracle Beehive Central".

The Delegation Center provides the following permission sets, which you can assign to delegated users:

- **Manage**: The delegated user can read, create, modify, and delete non-private items associated with the current service.
- **Review**: The delegated user can only read non-private items associated with the current service.
- **Deny**: The delegated user cannot access any items associated with the current service.

In addition to these permission sets, the Delegation Center provides an option that allows you to give a delegated user access to items that are marked Private. When selected, this option only applies to the services for which the delegated user has Manage permissions.

### Adding Delegates and Setting Permissions

The Delegation Center allows you to specify the users to whom you want to delegate certain permissions. Before you can delegate permissions, you must add users to your list of delegates. Then, you assign permissions to them.
To add a user to your list of delegates and set permissions for that user:
1. In Oracle Beehive Central, click Add Delegate. The Adding Delegates page opens.
2. In the Search field, enter the name of the user to whom you want to delegate permissions.
3. Click Search. The list of users that match the name you entered appears.
4. Click the user to whom you want to delegate permissions.
5. Click Add. The user’s name moves to the Delegates list box.
6. Click Next. The Setting Permissions page opens.
7. For each service, select the permissions you want to delegate to the current user. For more information on these options, please refer to "About Delegation".
8. If you want the delegated user to have access to items marked as Private, click the check box. This option only applies to the services for which the delegated user has Manage permissions.
9. After you make your selections, click Finish.

Modifying a Delegate’s Permissions

The Delegation Center allows you to modify the permissions assigned to your delegates.

To modify a delegate’s permissions:
1. In Oracle Beehive Central, select the check box next to the delegated user whose permissions you want to modify. You can modify the permissions of more than one user at a time by clicking the check boxes for multiple users.
2. Click Edit Selected. The Edit Permissions page opens.
3. For the delegated user(s) you selected, select the permissions you want to apply. For more information on these options, please refer to "About Delegation".
4. If you want the selected user(s) to have access to items marked as Private, click the check box. This option only applies to the services for which each user has Manage permissions.
5. To save your selections, click Save.

Removing Delegates

The Delegation Center allows you to remove users from your list of delegates.
To remove one or more than one user from your list of delegates:

1. In Oracle Beehive Central, select the check box next to each delegated user that you want to remove from your list of delegates.

2. Click **Remove Selected**. Oracle Beehive Central removes the selected user(s) from your list of delegates.
Configuring Preferences

This module contains the following topics related to configuring your preferences for certain Oracle Beehive features:

- About Preferences
- Accessing the User Preferences Page
- Configuring Your Out-of-Office Message
- Configuring Your Server-Side Rules
- Configuring Your Notifications

About Preferences

Oracle Beehive provides the User Preferences page, which enables you to configure preferences for any client you use to connect to Oracle Beehive. This includes configuring preferences for your out-of-office messages, server-side rules, and notifications.

Accessing the User Preferences Page

To access the User Preferences page:

1. Open a supported Web browser and enter the URL for the User Preferences page. Typically, the URL for the User Preferences page will match the following structure:

```
http://<Your-Server-Name>[:<Port-Number>]/uss
```

**Note:** If you do not know your server name and port number, please contact your system administrator.

2. If prompted, enter your user name and password, and click **Login**. After you successfully log in, you can perform the following preferences-related tasks:
   - Configuring Your Out-of-Office Message
   - Configuring Your Server-Side Rules
   - Configuring Your Notifications
Configuring Your Out-of-Office Message

You can instruct Oracle Beehive to generate an automatic reply during periods when you are away from your workstation or out of the office.

To use the Out of Office Assistant:
1. In Oracle Beehive User Preferences page, click Out of Office.
2. Select the Enable your auto-reply message check box to enable the assistant.
3. Set a duration for your automatic reply by entering dates in the Start and End fields. Optionally, click the calendar button next to each field to select a date from a mini-calendar.
4. In the Auto-Reply Message field, enter a message indicating your unavailability.
5. Click Save.

Note: When both start and end dates are provided, the duration for the automatic reply is determined by the specified start and end dates. If you have entered an end date but no start date, the automatic rely becomes effective once you click Save. If you have entered a start date but no end date, the automatic reply remains effective until you deselect the Enable check box and click Save.

Configuring Your Server-Side Rules

Use server-side rules if you want certain actions to be performed automatically on all incoming e-mail. Because these rules are stored on the Oracle Beehive server, they are available to you regardless of how and where you access your Oracle Beehive data.

To create a server-side rule:
1. In the Oracle Beehive User Preferences page, click Server Side Rules.
2. Click New.
3. Enter a name for the rule.
4. On the Criteria matching line, select an option. Selecting AND instructs the rule to perform actions only if the incoming e-mail meets all specified conditions. Selecting OR instructs the rule to perform actions if the incoming e-mail meets any specified condition.
5. In the Conditions section, select one or more conditions that will trigger the rule:
   ■ Subject line: The Subject line of the message contains text that you specify.
   ■ From line: The From field of the message contains a whole e-mail address or part of an e-mail address.
   ■ To line: The To field of the message contains a whole-email address or part of an e-mail address.
   ■ CC line: The CC field of the message contains a whole e-mail address or part of an e-mail address.
   ■ Priority is: The message Priority is set to a certain level.
6. In the Actions section, select one or more actions to be performed after the rule triggers:
Configuring Your Notifications

You can configure your Oracle Beehive notifications.

To configure your Oracle Beehive notifications:

1. In the Oracle Beehive User Preferences page, click Notifications.
2. Optionally, choose a condition in the Notify me when... column and click Edit from the Action column.
3. Select one or more delivery channels for notifications to be sent whenever the selected condition is met:
   - Use default: Oracle Beehive will use the default delivery channel you specified in the My Notifications section of the Notifications page.
   - Inbox: Oracle Beehive will deliver e-mail notifications to your Inbox.
   - SMS: Oracle Beehive will deliver SMS notifications to your mobile device.
   - Instant Message: Oracle Beehive will deliver IM notifications to your instant messaging client.
4. Optionally, deselect the Enabled check box to disable notifications for the condition.
5. Click Save to save your changes and return to the Notifications page.
6. Optionally, repeat steps 2 through 5 for another condition in the Notify me when... column.
7. In the bottom half of the My Notifications section, select one or more default delivery channels using the check boxes provided. If you have not specified a
delivery channel for a given condition, your default delivery channel(s) will be used. You must specify at least one default delivery channel.

8. Optionally, enable or disable notification delivery for one or more channels using the check boxes in the Delivery Control section.

9. Click Save.