



This guide complements the *Getting Mobile with Oracle BI Enterprise Edition Quick Start Guide for iOS*. This guide describes additional tasks an administrator can perform when supporting an organization's use of Oracle BI Mobile to access, analyze, and share data from the iPad for viewing actionable intelligence and for making critical and timely business decisions. For more detailed information about these and other tasks, see the [Oracle BI EE documentation](#) on Oracle Technology Network.



Provisioning Servers to End Users Through URL

If you want to allow your end users to begin working with Oracle BI Mobile without having to type in their server connection details themselves, there is a URL launch mechanism supported in Apple iOS that makes this possible.

The URL you provide to end users can be a link within an email, a link on a web page, or a URL that your users type into the Safari browser on the iPad. The launch mechanism then opens Oracle BI Mobile on the user's iPad and configures the required settings.

The required settings are specified in a configuration XML file that you have edited and referenced (in the syntax for the launch URL).

What Is the Syntax for the Launch URL?

The syntax for the launch URL (on device only), where the Oracle BI Mobile schema on the device is "oraclebimobile", is the following:

```
oraclebimobile://com.oracle.obimobile/configure?xml=http://myserver:myport.mycompany.com/obim_configuration.xml
```

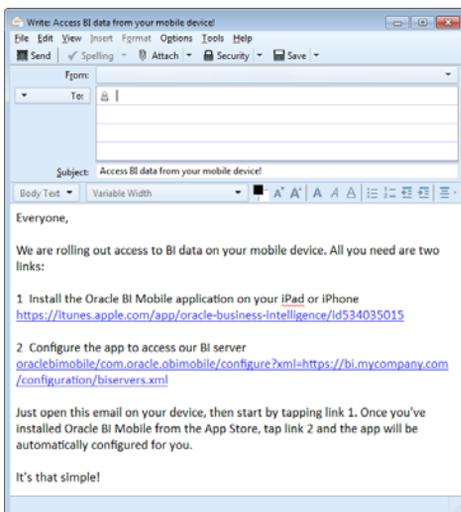
What Is the XML for the Configuration File?

Use this sample as a model to create your own obim_configuration.xml file. Your own version of the configuration file can be used to send configuration details to Oracle BI Mobile. When launched on the device, the file's properties are then applied to the user's Oracle BI Mobile application.

The XML file you create should use Apple's standard property list (plist) format. For more information on XML property lists, see the following:

<https://developer.apple.com/library/mac/documentation/cocoa/conceptual/PropertyLists/UnderstandXMLPList/UnderstandXMLPList.html>

```
<plist version="1.0">
<dict>
<key>obim</key>
<dict>
<key>servers</key>
<array>
<dict>
<key>analyticsPath</key>
<string>/analytics/saw.dll</string>
<key>host</key>
<string>hostname.company.com</string>
<key>locale</key>
<true/>
<key>name</key>
<string>Friendly Server Name</string>
<key>port</key>
<integer>7780</integer>
<key>ssl</key>
<false/>
<key>sso</key>
<false/>
<key>xmlPath</key>
<string>/xmlpserver</string>
</dict>
<dict>
<key>analyticsPath</key>
<string>/analytics/saw.dll</string>
<key>host</key>
<string>newhostname.company.com</string>
<key>locale</key>
<true/>
<key>name</key>
<string>Friendly Server Name 2</string>
<key>port</key>
<integer>7780</integer>
<key>ssl</key>
<false/>
<key>sso</key>
<false/>
<key>xmlPath</key>
<string>/xmlpserver</string>
</dict>
</array>
<key>settings</key>
<dict>
<key>debug</key>
<false/>
<key>optimized</key>
<true/>
</dict>
</dict>
</plist>
```



Setting Up Access to the Oracle BI Presentation Services Server Through a Reverse Proxy Server

Use of a reverse proxy server can make content served by different servers appear as if coming from one single server. Use of a reverse proxy can also be an effective way of protecting your enterprise web infrastructure.

Your organization may consider configuring access to the Oracle BI Presentation Services server through a reverse proxy to protect it without the requirement of a VPN. To do this, you must first make your Oracle HTTP Server port open and available for public access—for example, by using port 80.

This topic explains how to set up controlled access to your web tier so that content from your Oracle BI Presentation Services folder is delivered instead by reverse proxy. You do this by modifying an Oracle HTTP Server web server configuration file.

Before you begin this procedure, ensure that you are familiar with the information in "Using a Text Editor to Update Oracle Business Intelligence Configuration Settings" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition*.

To set up the reverse proxy access:

1. Log in to the middle tier computer as application user "oracle".
2. In the ORACLE_INSTANCE folder, find the mod_wl_ohs.conf configuration file, then open it in a text editor.
3. Add configuration settings as follows:
 - for a stand-alone instance of a proxy module, use the first example below to add settings.
 - for a clustered instance of a proxy module, use the second example below to add settings.
4. Save your changes to the mod_wl_ohs.conf file and exit the text editor.
5. Restart Oracle HTTP Server.

Example Settings for a Stand-alone Instance of a Proxy Module

```
<Location /analytics>
  SetHandler weblogic-handler
  WebLogicHost <Host for
Weblogic_Managed_Server>
  WebLogicPort <Port for
Weblogic_Managed_Server>
  WLProxySSL ON
  WLProxySSLPassThrough ON
</Location>
```



Example Settings for a Clustered Instance of a Proxy Module

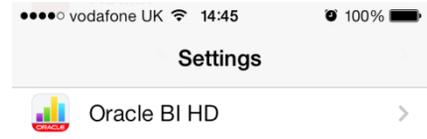
```
<Location /analytics>
  SetHandler weblogic-handler
  WebLogicCluster <Host for
Weblogic_Managed_Server1:PORT>,<Host for
Weblogic_Managed_Server2:PORT>,<Host for
Weblogic_Managed_ServerN:PORT>
  WLProxySSL ON
  WLProxySSLPassThrough ON
</Location>
```

Setting Console Logging

If you want to capture console logs, for example to troubleshoot authentication issues, you can enable console logging for your iPad or iPhone in the device's Settings application.

Console logging can be useful when it is necessary to debug issues on mobile devices. Console logging can slow down the performance of the Oracle BI Mobile application, however, since it requires that numerous messages are written to console logs on the device. You can access these device logs using the iPhone Configuration Utility available from Apple.

Because console logging impacts application performance, the default setting is **OFF**.



To enable or disable console logging:

1. In the device's Home screen, tap the **Settings** icon to access device settings.
Note: The setting for console logging for Oracle BI Mobile is adjusted outside of the Oracle BI Mobile application, in the device's general Settings application.
2. In the left pane of Settings, swipe to scroll down in the list of applications till you locate the Oracle BI HD application, then tap it.
3. In the right pane, in the **Console Logging** row, tap the toggle to change the setting from **OFF** to **ON**.

For More Information

To access the online help for Oracle BI Mobile:

- In the branding bar, tap the **Options** icon, then tap **Help**.
- Visit Oracle Technology Network.
- Using a QR code scanner on your iPad, aim the camera lens at this QR code:

