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Preface

This document describes how to setup a workstation for Oracle Hospitality OPERA Property Management Version 5.5 and higher.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL: https://support.oracle.com

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received and any associated log files
- Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at http://docs.oracle.com/en/industries/hospitality/

Revision History

<table>
<thead>
<tr>
<th>Date</th>
<th>Description of Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>June, 2016</td>
<td>● Initial publication.</td>
</tr>
<tr>
<td>July, 2016</td>
<td>● Minor updates.</td>
</tr>
<tr>
<td>July, 2018</td>
<td>● Updates to reflect current version information.</td>
</tr>
<tr>
<td>April, 2019</td>
<td>● Updates to reflect 5.6.5.</td>
</tr>
</tbody>
</table>
1 Workstation Operating System Requirement

To run Oracle Hospitality OPERA Property Management Version 5.5 and higher, your workstation must use one of these operating systems:
• Windows 7 Professional Edition
• Windows 8 Professional Edition
• Windows 10 Professional Edition
## 2 Installing the Java Runtime Client

1. To find the required JRE version (for example, JRE 7 or JRE 8), refer to the OPERA Property Management Client and Server Compatibility Matrix document on the Oracle Help Center at [https://docs.oracle.com/cd/E98457_01/index.html](https://docs.oracle.com/cd/E98457_01/index.html)

   **Note:** While the latest update of a supported JRE is recommended, the specific versions of JRE used during QA of an OPERA patch can be found in the application release notes.

2. Log on to the workstation with a user account that has local administrator rights.

3. Download the required JRE version from one of these pages:


4. Next to **Windows x86 Offline**, click the link jre-xxxx-windows-i586.exe to begin the download.

   **Note:** Only 32-bit versions of the JRE are supported with OPERA.

5. When asked if you want to run or save from download.oracle.com, click **Run**.

6. Click the **Java** icon on the taskbar.

7. On the **Java Setup - Welcome** screen, click **Install**.

   After the installation has completed, the **Java Setup - Uninstall out-of-date versions** screen appears.
8. Click Uninstall.

9. Click the Microsoft Windows Start button.

10. Click in the Search programs and files field, type configure java and then press Enter.


12. Click Edit Site List....

13. On the Exception Site List screen, click Add.
14. Click in the **Location** field, enter your OPERA application URL with http and then click **Add**.

For example, depending on your OPERA application version and hosted location, your URLs should look something like:
- http://<yourOPERAURL>.microsdc.us
- http://<yourSSD>-prod-<yourENV>.hospitality.oracleindustry.com

**Note:** Do not enter a URL that includes ‘OAM’, also do not include any paths beyond the hostname that ends in .com.

15. Click in the **Location** field, enter your OPERA application URL with https http and then click **Add**.

For example, depending on your OPERA application version and hosted location, your URLs should look something like:
- https://<yourOPERAURL>.microsdc.us
- https://<yourSSD>-prod-<yourENV>.hospitality.oracleindustry.com

**Note:** Do not enter a URL that includes ‘OAM’, also do not include any paths beyond the hostname which ends in .com.

16. On the **Java Control Panel** screen, select the **Advanced** tab.

17. Ensure that the **Use TLS 1.2** check box is checked. If not, select it.

**Note:** Older releases of OPERA 5 may also require SSLv3 or TLS1.0 to function.

18. Click **Apply** and then click **OK**.

19. Close **Microsoft Internet Explorer**, open it again, and log into OPERA.
3 Setting Microsoft Internet Explorer Options

There are several places where changes need to be made to the client machine’s Microsoft Internet Explorer options. Depending on your browser version, the steps below may differ.

Note: OPERA 5 requires the use of Microsoft Internet Explorer.

Google Chrome, Mozilla Firefox, Microsoft Edge, and other browsers are not supported.

Adding Trusted Sites

1. Log on to the workstation with a user account that has local administrator rights.

2. Open Microsoft Internet Explorer.

3. Select the Tools menu.

4. Click Internet options.

5. On the Internet Options screen, select the Security tab.
6. Click the green check mark for **Trusted sites**.

7. Under **Security level for this zone**, change it to **Medium**.

8. Click **Sites**.

9. Click in the **Add this website to the zone** field.

10. Enter your OPERA application URL with both http and https as in these examples:

   - http://<yourOPERAURL>.microsdc.us
   - https://<yourOPERAURL>.microsdc.us

   Or

   - http://<yourSSD>-prod-<yourENV>.hospitality.oracleindustry.com
   - https://<yourSSD>-prod-<yourENV>.hospitality.oracleindustry.com

   For sites that have multiple application servers for OPERA or for load-balanced environments, ensure that all URLs are entered.

11. Click **Add**.
12. Click Close.

13. Click Custom Level and click Enable for these Settings:
   • ActiveX Controls and plug-ins
   • Miscellaneous

14. Click OK.

Turning off Pop-up Blocker

1. On the Internet Options screen, select the Privacy tab.

2. Deselect the Turn on Pop-up Blocker option.

Changing Advanced Settings

1. On the Internet Options screen, select the Advanced tab.

2. Select the Use TLS 1.2 check box.
   Note: Older releases of OPERA 5 may also require SSLv3 or TLS1.0 to function.

3. Click Apply.

4. Click OK.
Disabling Add-ons

1. On the Internet Options screen, select the Programs tab.

2. Click Manage Add-ons.

3. On Toolbars and Extensions, disable all except for Java and Adobe.

4. Click Close.

5. Click OK.

6. Click the Tools icon.

7. Click Manage add-ons.

8. Go to the appropriate type of add-ons and find the one you want to disable, right-click it and select Disable.
Disabling SmartScreen Filter

1. On the Internet Options screen, select the Advanced tab.

2. Scroll down to the Security section and unselect the Enable SmartScreen Filter check box.

3. Click OK.
4 Installing Client Side Applications

Below listed is the only required client side application that needs to be installed for 5.6.5.x.

Installing Oracle Business Intelligence Publisher

For sites that use BI Publisher to customize reports, a new version has been released that can be installed on Microsoft Windows 7 workstations. This is labeled as release 4 of the OPERA BI Publisher Desktop installation.

On Microsoft Windows 8.1, Microsoft .NET Framework 4.5.1 is automatically included in the operating system.

The BI Publisher installation however, looks for Microsoft .NET Framework 2.0, which is included in Microsoft .NET Framework 3.5, but must be installed separately in Microsoft Windows 8.1.

Trying to install Microsoft .NET Framework 3.5 gives the following errors (which are also documented at http://docs.oracle.com/cd/E28280_01/bi.1111/e16518/toc.htm#BIEQI102):

- 0x800f0906: Windows couldn’t connect to the Internet to download necessary files. Make sure that you’re connected to the Internet, and click Retry to try again.
- 0x800F081F: The changes could not be completed. Please reboot your computer and try again.

Use the Microsoft Windows operating system installation media and the workaround: DISM /Online /Enable-Feature /FeatureName:NetFx3 /All / LimitAccess /Source:d:\sources\sxs

Now Microsoft .NET Framework 3.5 installs correctly and the BI Publisher installation can continue. For additional information about installing BI Publisher, see http://docs.oracle.com/cd/E28280_01/bi.1111/e16518/toc.htm#BIEQI102.
5  Un-Installing Client Side Applications (Optional)

With 5.6.5.x OPERA does not require to have Opera JinitCheck Control, Opera Register Terminal, and Oracle JInitiator XXXXX. Below steps should be carried out to clean-up existing workstations. Not performing uninstallation will not have any adverse effect, so this section will be optional.

**NOTE:** Recommendations before un-installing client side applications

- Before un-installing client side applications, it is recommended to backup TermReg.ini from below location
  "%ALLUSERSPROFILE%\Oracle\Opera\TermReg.ini".
- After un-installation is completed, verify “TermReg.ini” still exists in “%ALLUSERSPROFILE%\Oracle\Opera\TermReg.ini”.

### Un-Installing Opera JinitCheck Control

1. Open Control Panel
2. Click on Uninstall a program under Programs
3. Select Opera JinitCheck Control
4. Right Click and select Uninstall/Change
5. Select Automatic and click Next
6. Click Finish button.

**Uninstall or change a program**

To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.
Uninstall or change a program

To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.

<table>
<thead>
<tr>
<th>Name</th>
<th>Publisher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opera JinitCheck Control</td>
<td></td>
</tr>
<tr>
<td>Opera Register Terminal</td>
<td></td>
</tr>
<tr>
<td>Oracle Initiator 1.3.1.25</td>
<td></td>
</tr>
<tr>
<td>Oracle Initiator 1.3.1.25</td>
<td></td>
</tr>
</tbody>
</table>

Select Uninstall Method

Welcome to the Opera JinitCheck Control uninstall program.

You can choose to automatically uninstall this software or to choose exactly which changes are made to your system.

Select the Custom button to choose which modifications to make during the uninstall. Select the Automatic button for the default uninstall options. Select Repair to reinstall changed files/registry keys (requires installation media).

- Automatic
- Custom
- Repair

Wise Installation Wizard®

< Back  Next >  Cancel
Un-Installing Opera Register Terminal

1. Open Control Panel
2. Click on Uninstall a program under Programs
3. Select Opera Register Terminal
4. Right Click and select Uninstall/Change
5. Select Automatic and click Next
6. Click Finish button.
Uninstall or change a program

To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.

Uninstall or change a program

To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.

Uninstall or change a program

Select Uninstall Method

Welcome to the Terminal Registration uninstall program.

You can choose to automatically uninstall this software or to choose exactly which changes are made to your system.

Select the Custom button to choose which modifications to make during the uninstall. Select the Automatic button for the default uninstall options. Select Repair to reinstall changed files/registry keys (requires installation media).
Un-Installing Oracle JInitiator XXXX

1. Open Control Panel
2. Click on Uninstall a program under Programs
3. Select Oracle JInitiator XXXX
4. Right Click and select Uninstall/Change
5. Click Yes to confirmation message
6. Click OK button on successfully uninstalled message.
Uninstall or change a program

To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.

<table>
<thead>
<tr>
<th>Name</th>
<th>Publisher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oracle JInitiator 1.3.1.25</td>
<td></td>
</tr>
<tr>
<td>Oracle JInitiator 1.3.1.25</td>
<td></td>
</tr>
</tbody>
</table>

![Uninstall dialog](image1)

This will remove Oracle JInitiator from your computer. Do you wish to proceed?

Yes  No

![InstallShield Wizard](image2)

Setup Status

Oracle JInitiator Setup is performing the requested operations.

Oracle JInitiator has been successfully uninstalled from your machine.

OK

Cancel
6 Setting Adobe Acrobat Reader Preferences

Depending on your Adobe Acrobat Reader version, the steps below may differ.

1. Open Adobe Acrobat Reader outside of the application.

2. Select Edit, select Preferences, select Security Enhanced, and unselect the Enable Protected Mode at startup check box.

3. Select Edit, select Preferences, select Security (Enhanced), and unselect the Enable Enhanced Security check box.

4. Select Edit, select Preferences, select Security (Enhanced), and select the Automatically trust sites from my Win OS security zones check box and verify that the OPERA URL is listed.