

Oracle Hospitality OPERA Property Management Workstation Setup Guide



Release 5.6.X
F18436-07
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Preface

Purpose

This document describes how to set up a workstation for Oracle Hospitality OPERA Property Management Version 5.6 and higher.

Audience

This document is intended for all Oracle Hospitality OPERA 5 users.

Customer Support

To contact Oracle Customer Support, access the Customer Support Portal at the following URL:

<https://iccp.custhelp.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
- 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/>

Table 1-1 Revision History

Date	Description
June 2016	<ul style="list-style-type: none">• Initial Publication
July 2016	<ul style="list-style-type: none">• Minor updates
July 2018	<ul style="list-style-type: none">• Updates to reflect current version information
April 2019	<ul style="list-style-type: none">• Updates to reflect 5.6.5
April 2022	<ul style="list-style-type: none">• Removed support for 5.5
May 2022	<ul style="list-style-type: none">• Updated Compatibility
November 2022	<ul style="list-style-type: none">• Revised OS Compatibility

Date	Description
May 2024	<ul style="list-style-type: none">• Updated the Customer Support section with the new support portal name and URL• Formatted the document and included in the latest template• Updated the Workstation Setup Utility chapter with the reference article
March 2025	<ul style="list-style-type: none">• Reviewed doc and made some light edits
July 2025	<ul style="list-style-type: none">• Removed JRE entry and added new browser support section

1

Workstation Operating System Requirement

To find the operating system requirements for Oracle Hospitality OPERA Property Management Version 5.6 and higher, 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

2

Workstation Setup Utility

The workstation setup utility is designed to simplify the configuration required to run OPERA 5 on Microsoft Edge with IE11 compatibility mode. See ICCP article (Doc ID: DOC8489) https://iccp.custhelp.com/app/answers/answer_view/a_id/1008812

If you use the Workstation Setup Utility, skip chapters 3 and 4.

3

Installing the Java Runtime Client

 **NOTE:**

If upgrading from 5.5.0.x to 5.6.x.x, it is necessary to clear your Java cache. See [Clearing the Java Runtime Client Cache](#) for details.

1. To find the required JRE version (for example 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

 **NOTE:**

While the latest update of supported JRE is recommended, the specific versions of JRE used during the 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:
<https://www.oracle.com/java/technologies/downloads/>
<http://www.oracle.com/technetwork/java/javase/archive-139210.html>
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.



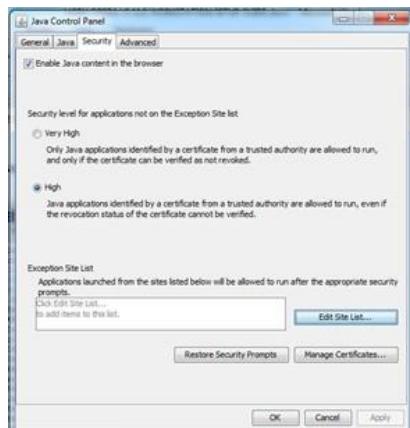
8. Click **Uninstall**.

9. Click **Microsoft Windows Start**.



10. Click in the **Search programs and files** field, type **configure Java** and then click **Enter**.

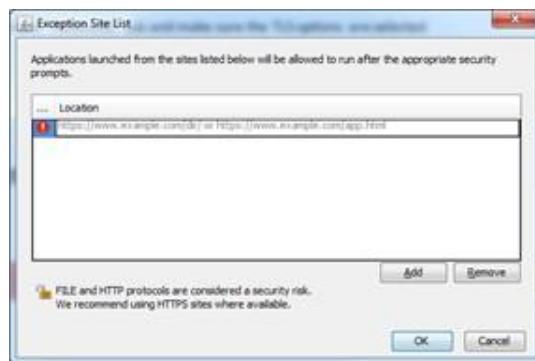
11. On the **Java Control Panel** screen, click the **Security** tab.



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

Or

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

Or

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 that 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 selected. If not, select it.

NOTE:

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

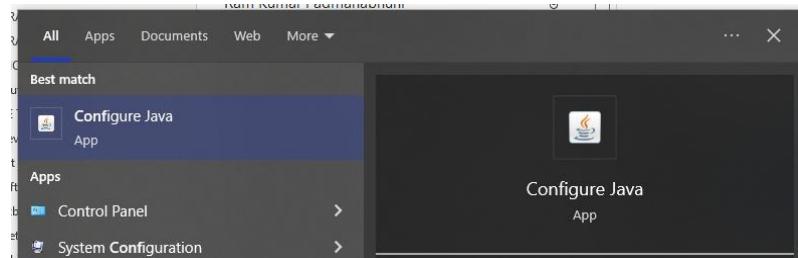
18. Click **Apply** and then click **OK**.
19. Close **Microsoft Internet Explorer**, open it again, and log in to **OPERA**.

Clearing the Java Runtime Client Cache

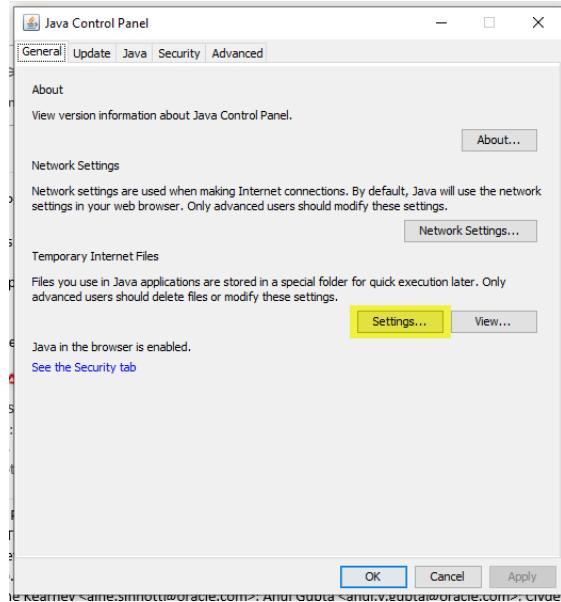
When upgrading from 5.5.0.x to 5.6.x.x, it is necessary to clear your Java cache after installing the new JRE version.

Java Cache Clearing is necessary when there is a larger version gap between the source version and the upgraded target version because we changed the Java Workstation Cache a few times since lower versions of 5.5.0.x.

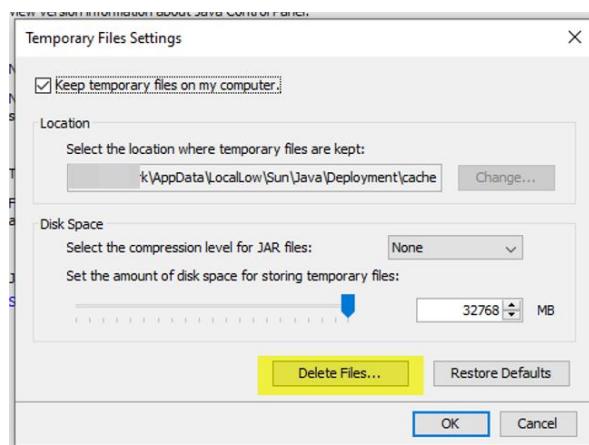
1. Search for and open **Configure Java**.



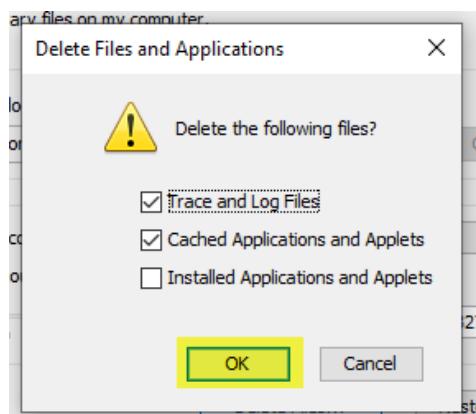
2. Under **General** tab, click **Settings**.



3. Click Delete Files.



4. The options 'Trace and Logs Files' and 'Cached Applications and Applets' should already be selected when you open this screen. Click OK.



4 Setting Microsoft Edge with IE 11 Compatibility Manually

Oracle Hospitality OPERA 5 is compatible when Microsoft Edge (based on Chromium) is configured to use Microsoft Internet Explorer (IE) 11 compatibility mode.

The following section explains the changes required to enable IE 11 Compatibility Mode in Microsoft Edge (based on Chromium).

NOTE:

OPERA 5 is not compatible with Google Chrome, Mozilla Firefox, and other browsers.

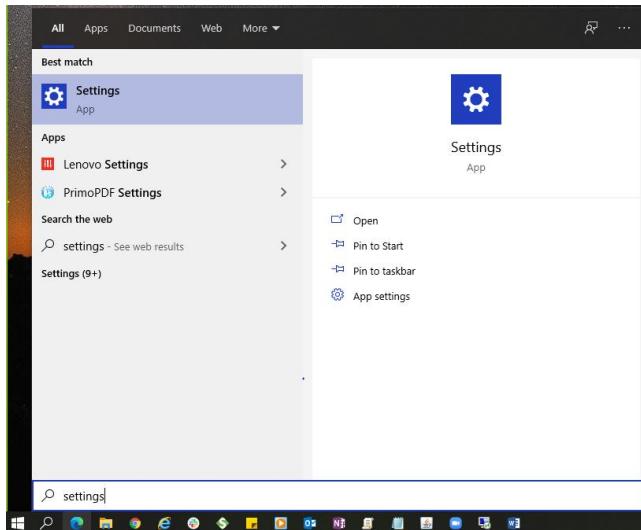
Prerequisites

The Windows version should match one of the versions listed here:

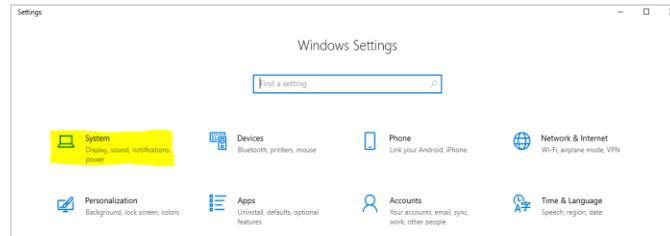
<https://docs.microsoft.com/en-us/deployedge/edge-ie-mode>

How to verify your Microsoft Windows operating system version

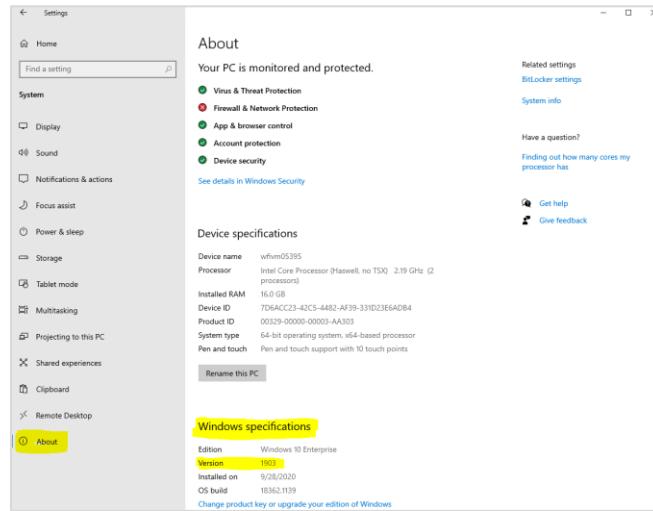
1. Go to **Windows, Settings**.



2. Click **System**.

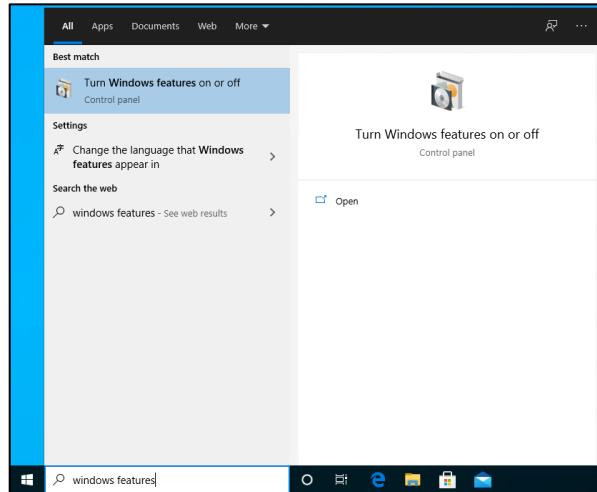


3. Click **About** and verify the version under Windows Specifications.

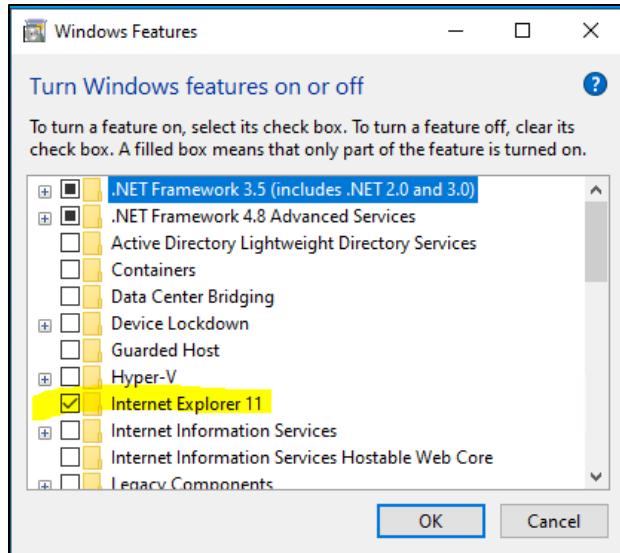


Enable Internet Explorer 11 in Windows Features:

1. Go to **Windows**, Turn Windows features on or off.



2. On the **Windows Features** popup screen, ensure that Internet Explorer 11 checkbox is selected.

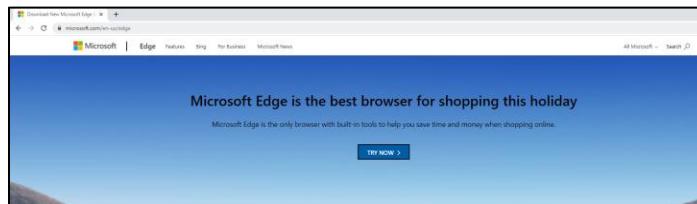


Microsoft Edge Chromium

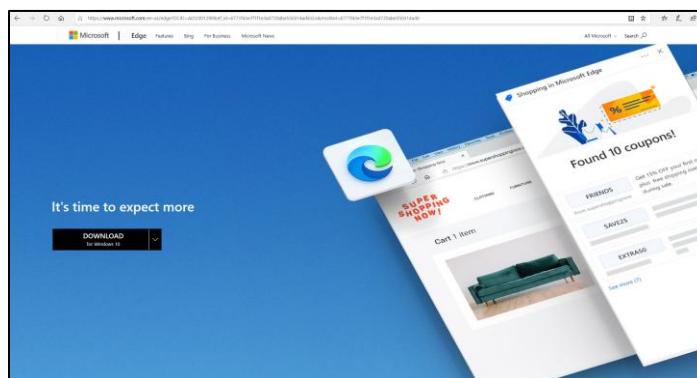
Download and Install Microsoft Edge Chromium

1. Click the following URL to download Microsoft Edge.

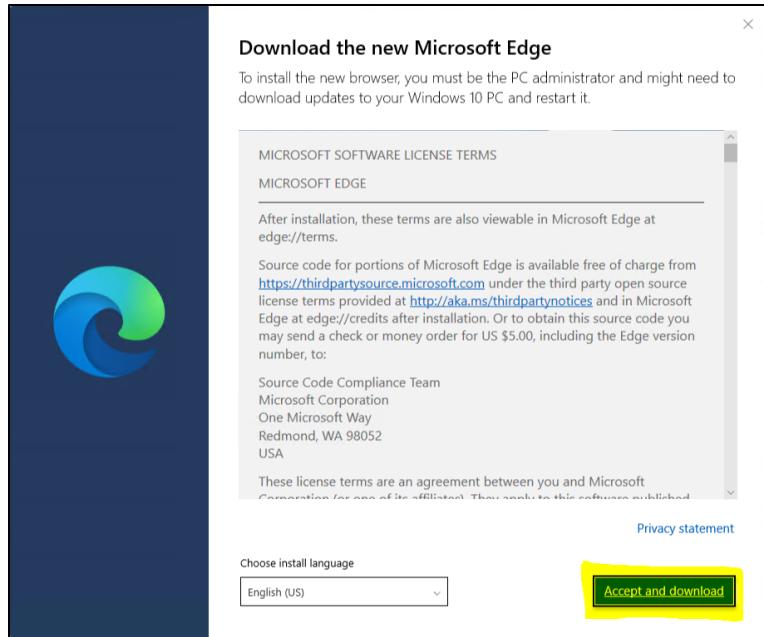
<https://www.microsoft.com/en-us/edge>



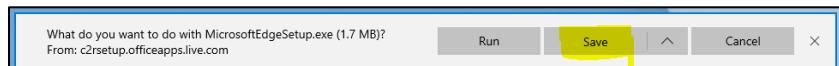
2. Click **Try Now**.



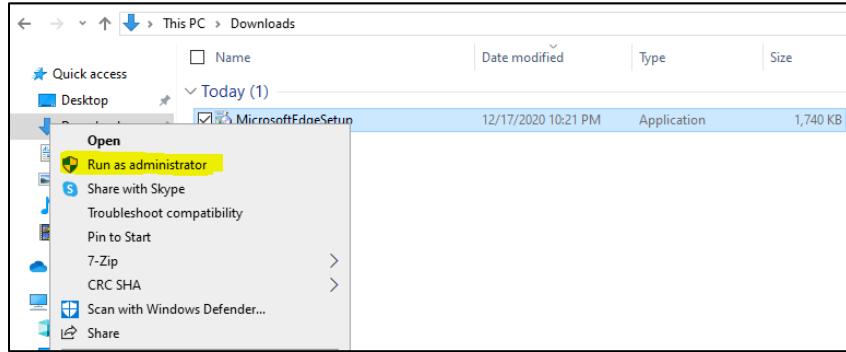
3. Select **DOWNLOAD for Windows 10** (Choose based on your machine Operating System), “Download the new Microsoft Edge” appears. Click **Accept and Download**.



4. Save the Setup file.



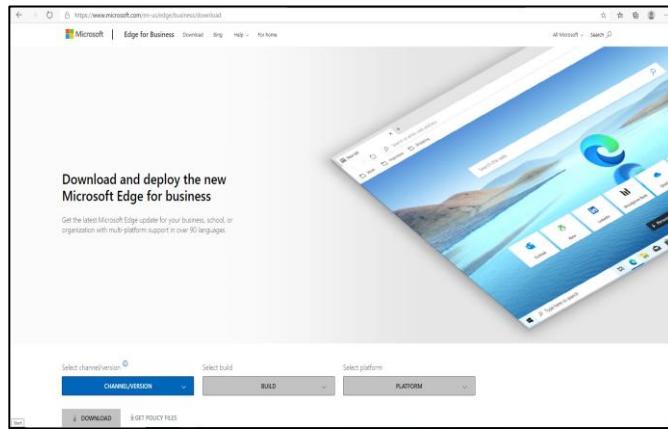
5. Navigate to the location where the Setup file is downloaded. Select the file, right click, and then select **Run as Administrator. Wait for the setup to complete.**



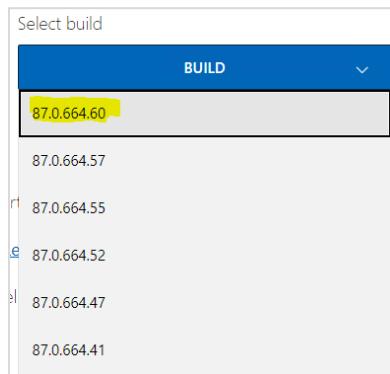
Microsoft Edge Administrative template

Download and configure the Microsoft Edge Administrative template

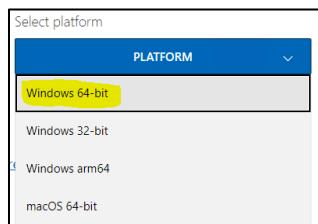
1. Click the following URL to download Microsoft Edge Administrative Template
<https://www.microsoft.com/en-us/edge/business/download>



2. Select the below CHANNEL / VERSION: Current and Supported.
3. Build: Latest (current latest 87.0.664.60).



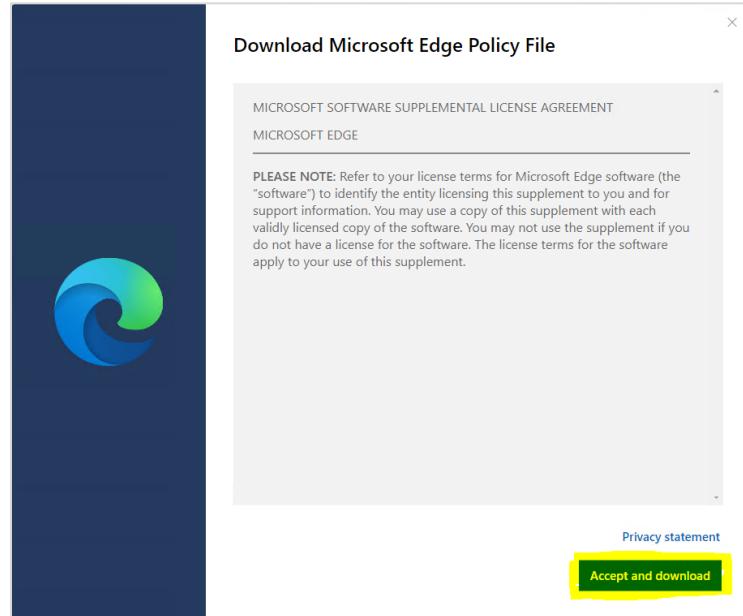
4. Platform: Windows 64-bit



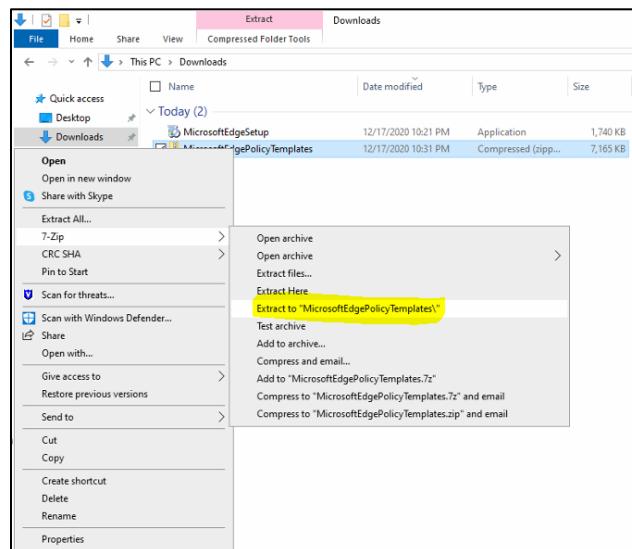
5. Select **GET POLICY FILES**, 'Download Microsoft Edge Policy File' window appears.



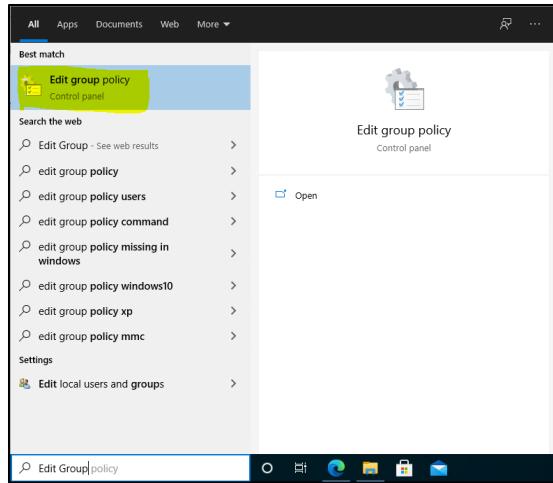
6. Click Accept and Download.



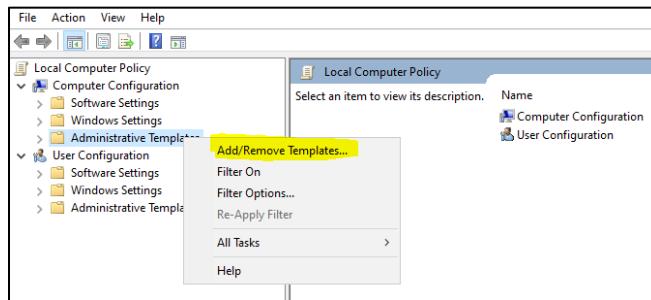
7. Navigate to the download location and extract the Zip file (MicrosoftEdgePolicyTemplates.zip).



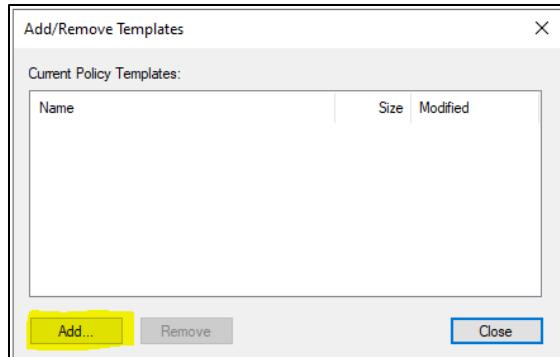
8. Once the file is extracted to a local drive, go to Microsoft Windows and launch **Edit Group Policy.**



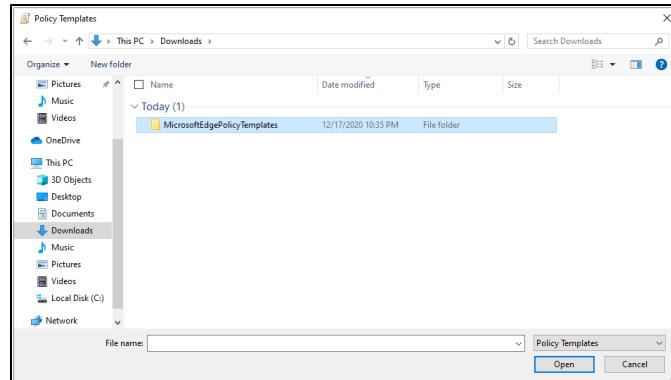
9. On Local Group Policy Editor Window, Navigate to Local Computer Policy, Computer Configuration. Select **Administrative Templates**, right click and then select **Add / Remove Templates**.



10. On the Add/Remove Templates popup window. Click **Add**.



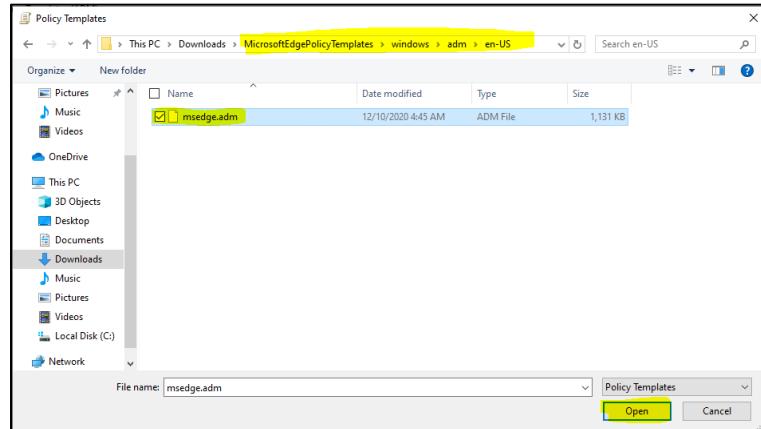
11. On the Policy Templates file selection popup window, browse to the location where MicrosoftEdgePolicyTemplates zip file has been extracted.



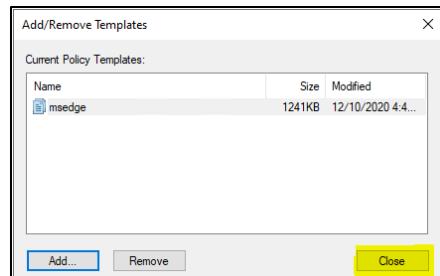
12. Under the MicrosoftEdgePolicyTemplates folder, browse to windows, adm, en-US, and then select the 'msedge.adm' file and click **Open**.



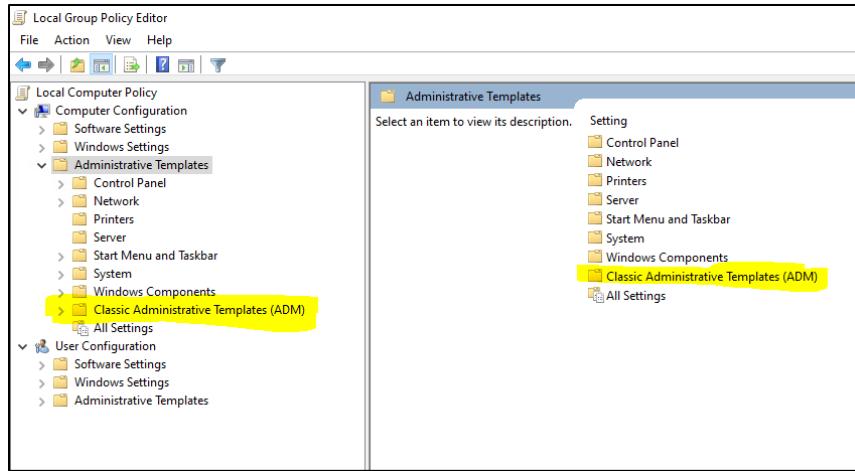
NOTE:
Select the appropriate folder under "adm" based on the language you want to setup.



13. Let the file load and click **Close**.



14. Expand **Administrative Templates** and verify that 'Classic Administrative Templates (ADM)' is present.



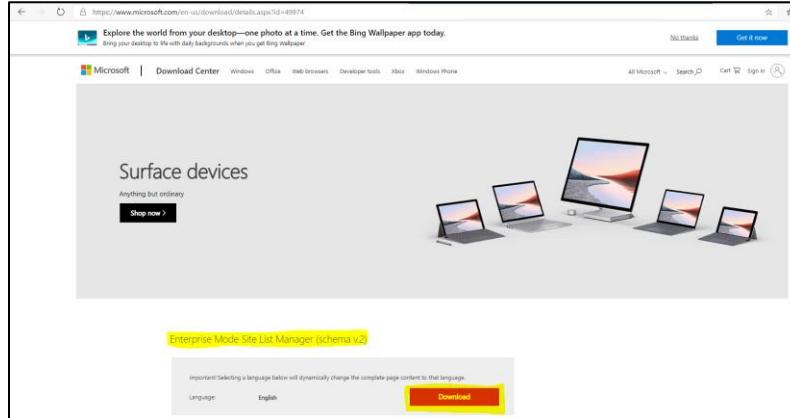
Enterprise Mode Site List Manager

Download and Install Enterprise Mode Site List Manager.

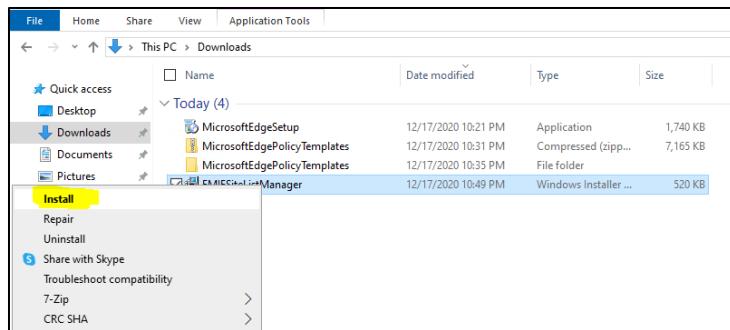
1. Click the following URL to download **Enterprise Mode Site List Manager**.

<https://www.microsoft.com/en-us/download/details.aspx?id=49974>

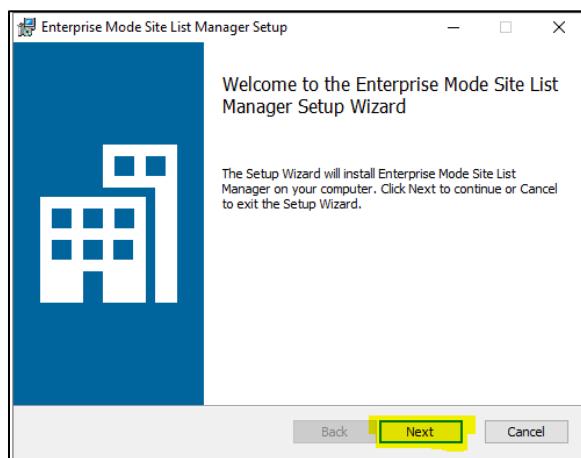
Download the Enterprise Mode Site List Manager (schema v.2)



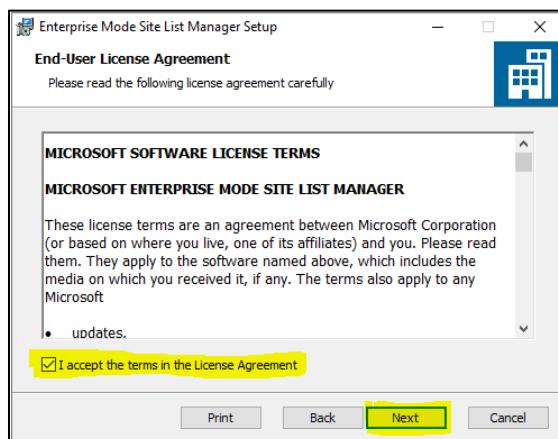
2. Navigate to the location where the .msi file has been downloaded. Install the **EMIESiteListManager.msi**, the Enterprise Mode Site List Manager Setup window appears.



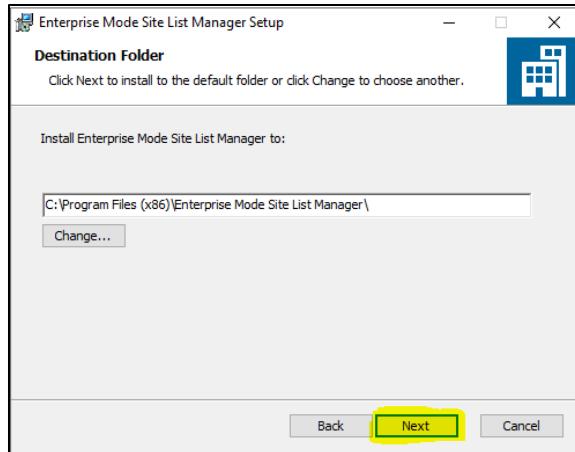
3. Click Next.



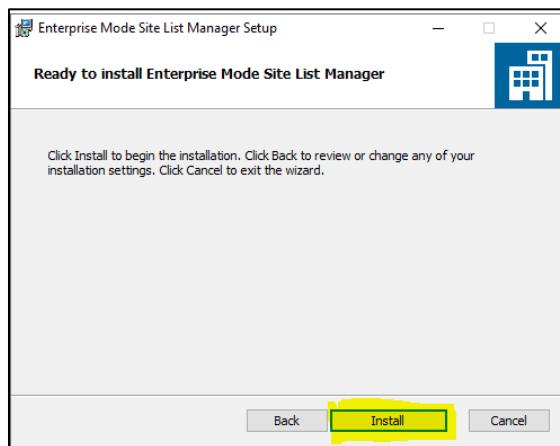
4. Select the checkbox for End-User License Agreement and click Next.



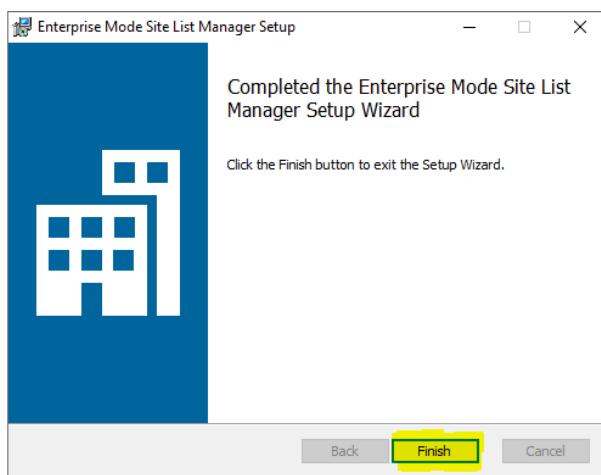
5. On the Destination Folder, do not make any change and click Next.



6. On the Ready to Install Enterprise Mode Site List Manager window, click **Install**.



7. Click **Finish**.



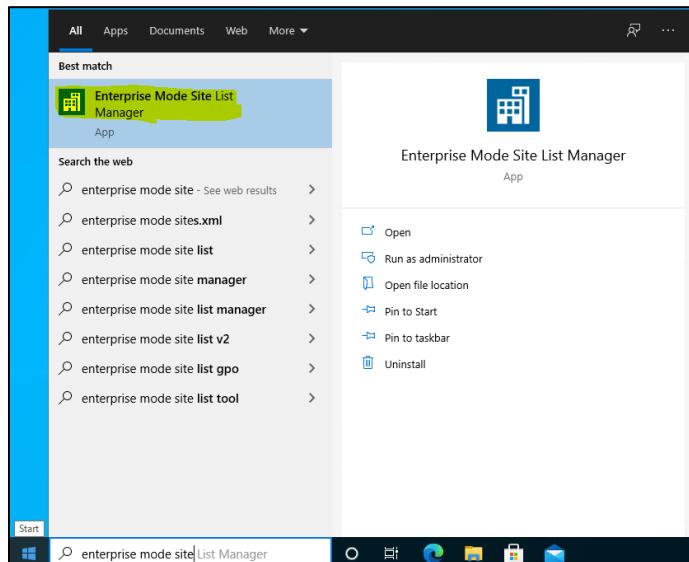
Configurations

This section elaborates on how to add OPERA 5 Sites in Enterprise Mode Site List Manager and configure the below settings in local Group Policy Editor.

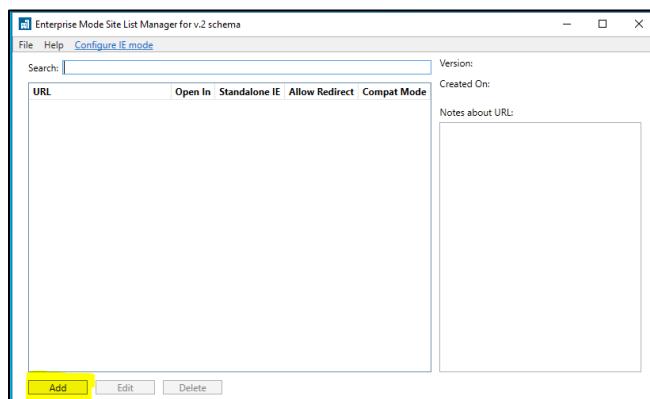
- Configure the Enterprise Mode Site List
- Use the Enterprise Mode IE website list
- Configure the Enterprise Mode Site List
- Allow Microsoft Compatibility List
- Send all Intranet sites to Microsoft Internet Explorer 11

Once the sites are added and the above mentioned settings are configured, the sites can then be launched from Microsoft Edge Chromium browser.

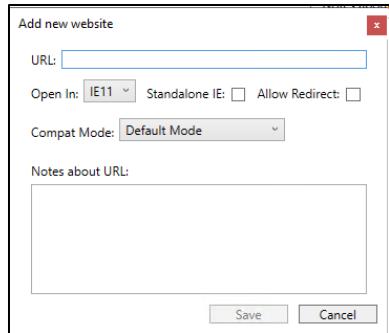
1. Navigate to Windows, Enterprise Mode Site List Manager.



2. On the Enterprise Mode Site List Manager for v.2 schema popup window, click Add.



3. The Add new website window appears.



4. Provide the below details for the site to be used in Compatibility mode:

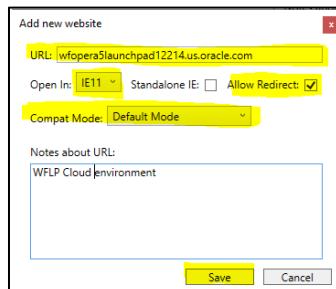
- URL

 **NOTE:**

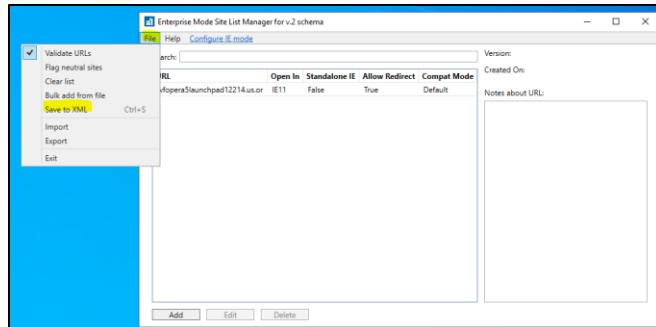
Make sure that no protocol is specified when adding the URL.

- Using a URL, such as contoso.com, automatically applies both <http://contoso.com> and <https://contoso.com>.
- Open In :- IE11
- Standalone IE :- Unchecked
- Allow Redirect :- Checked
- Compat Mode :- Default Mode
- Notes about URL :- Provide some description for the URL (This step is optional)

5. Click **Save**.



6. On the Enterprise Mode Site List Manager for v.2 schema popup window, navigate to **File, Save to XML**.

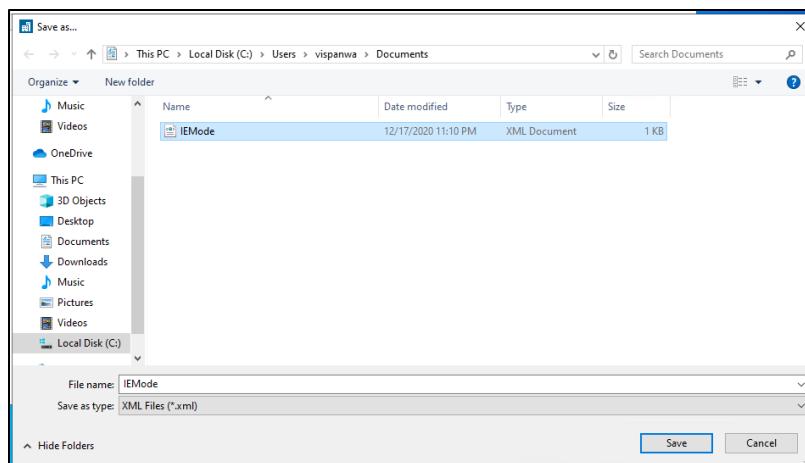


7. Navigate to a location where you want to save the Site List XML and save the file.

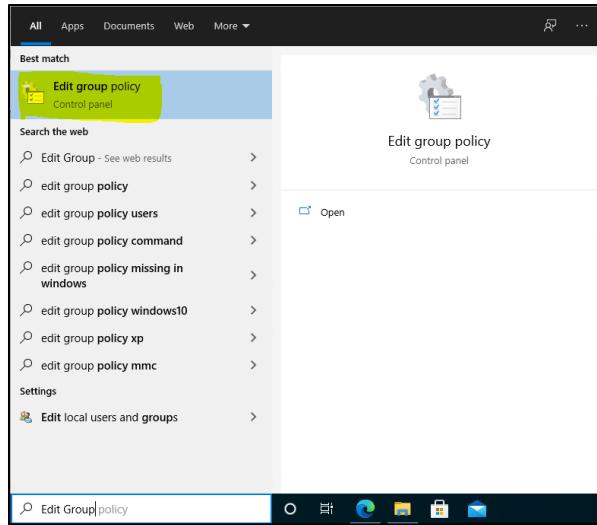
 **NOTE:**

This XML file is used to configure the settings in “Use the Enterprise Mode IE website list”. So, it is recommended you override the same existing saved XML file whenever you add new sites.

For example, if you save the file as “IEMode.xml”, next time when you add a new site, ensure that you choose the same file.

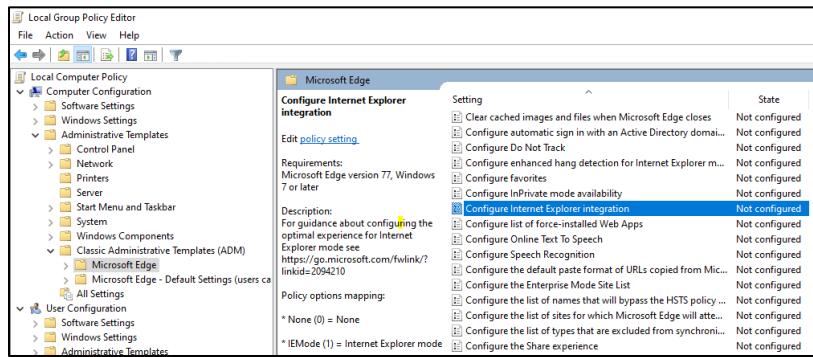


8. Edit the Group Policies by going to **Windows, Edit Group Policy**.



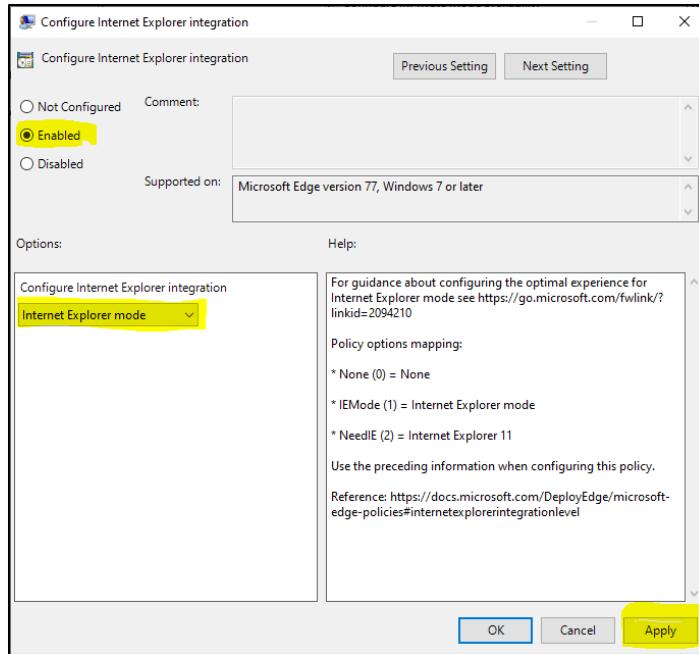
9. On Local Group Policy Editor window, navigate to **Local Computer Policy, Computer Configuration, Administrative Templates, Classic Administrative Templates (ADM), Microsoft Edge**.

Double click **Configure Internet Explorer integration**.



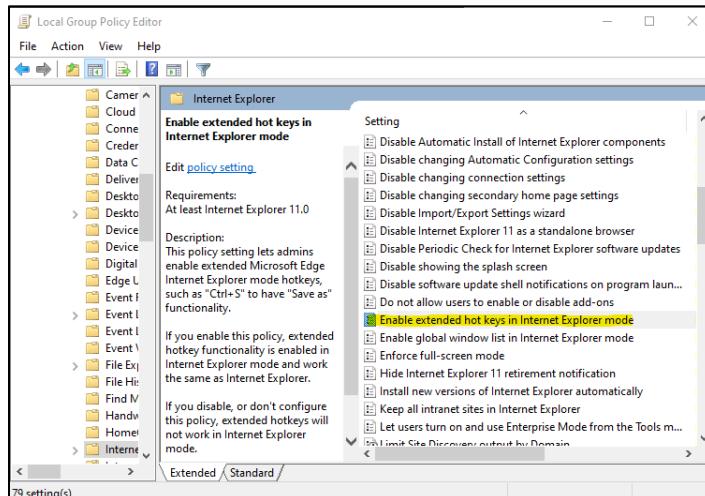
10. On the popup window, set the following and click **Apply** and then click **OK** when finished.

- Select the **Enabled** radio button.
- Under Configure Internet Explorer integration drop down, select **Internet Explorer mode**.

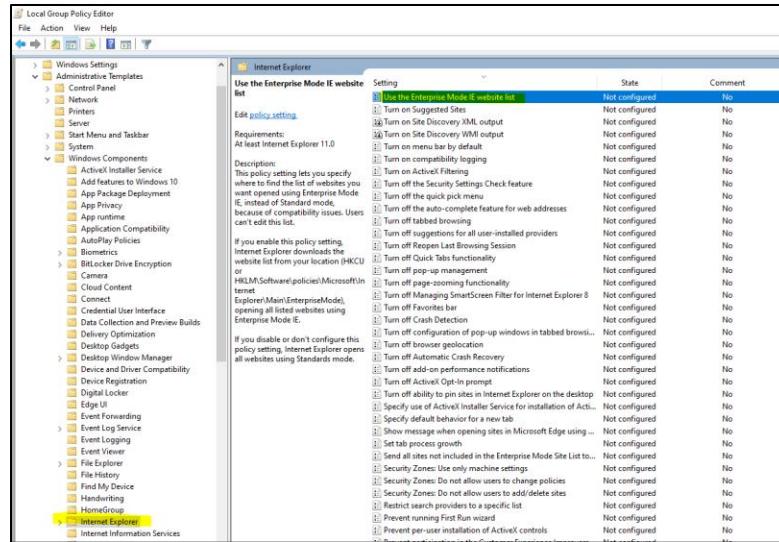


11. On Local Group Policy Editor window, navigate to **Local Computer Policy**, **Computer Configuration**, **Administrative Templates**, **Windows Components**, **Internet Explorer**.

Double click **Use the Enterprise Mode IE website list**.



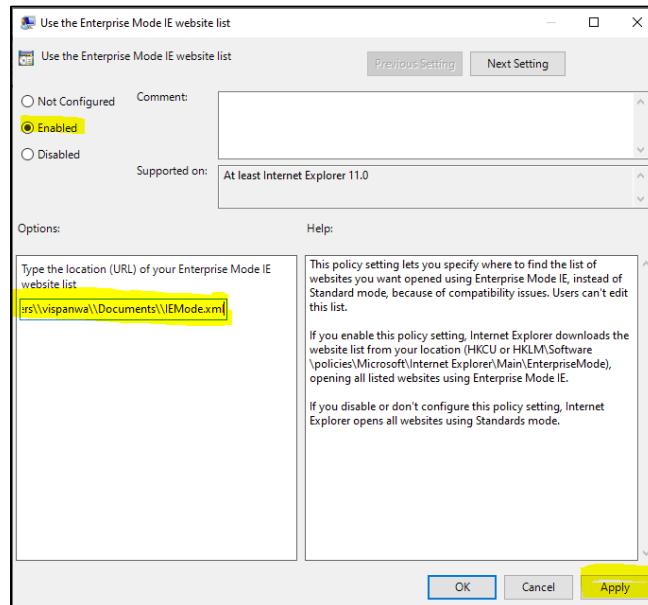
- **"OPTIONAL: Enable extended hot keys in Microsoft Internet Explorer mode.** By enabling this optional step, hot keys can be used. When a report is generated in a browser window using a format such as XML, pressing **Ctrl + S** causes the **SAVE AS** button to appear.



On the popup window set the following and click **Apply** and then **OK** when finished.

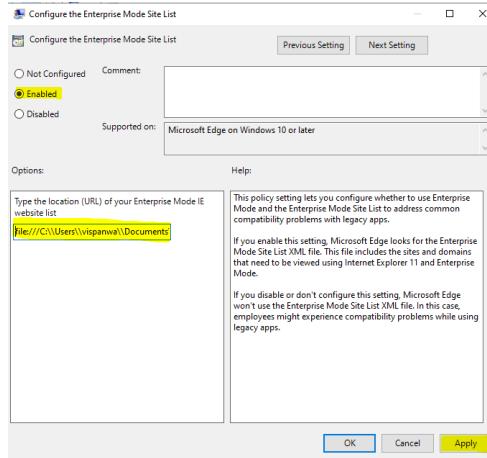
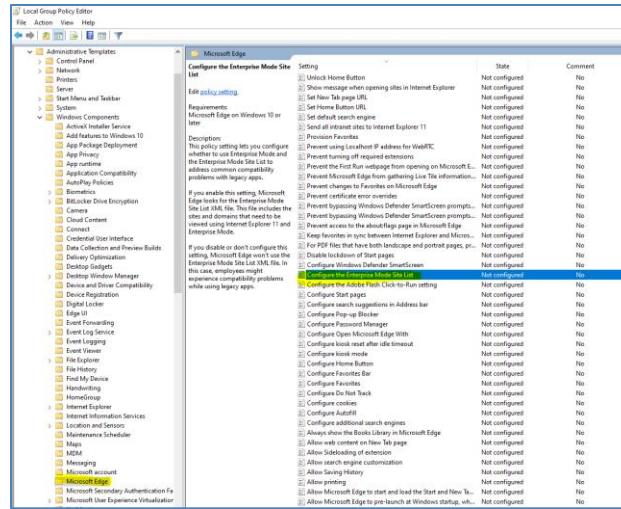
- Select the **Enabled** option.
- Under **Options**, provide the location of the Site List XML (saved at the above step 3.a.vii) per the below format:

<file:///C:/Users/<user>/Documents/<XML file name>.xml>



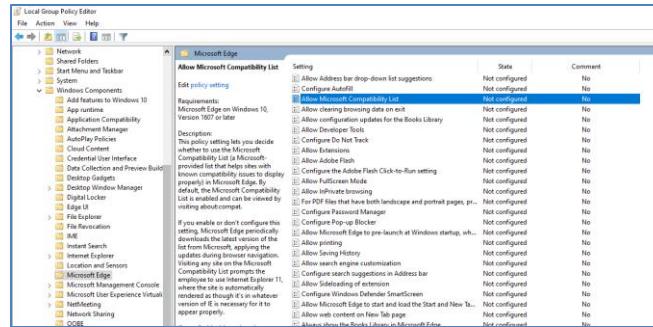
12. On the Local Group Policy Editor window, navigate to **Local Computer Policy**, **Computer Configuration**, **Administrative Templates**, **Windows Components**, **Microsoft Edge**.

Double click **Configure the Enterprise Mode Site List**.

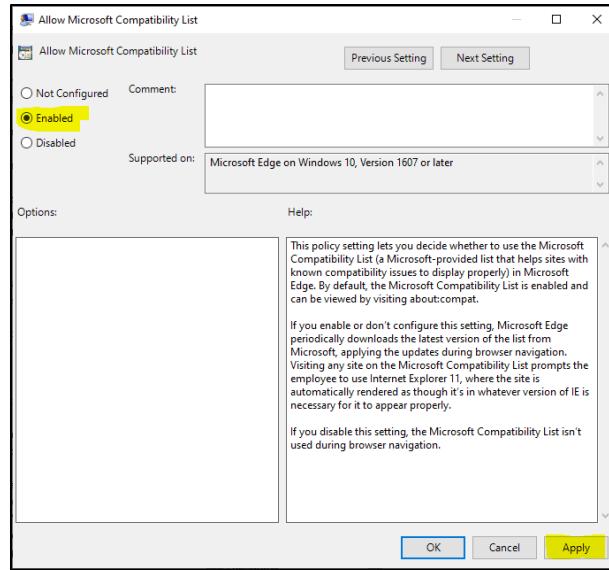


13. On the Local Group Policy Editor window, navigate to **Local Computer Policy**, **Computer Configuration**, **Administrative Templates**, **Windows Components**, **Microsoft Edge**.

Double click **Allow Microsoft Compatibility List**.

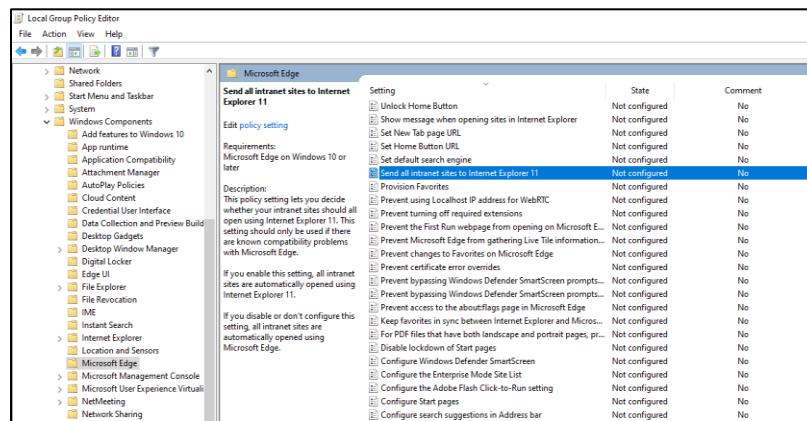


- On the popup window, select the **Enabled** option and click **Apply**.

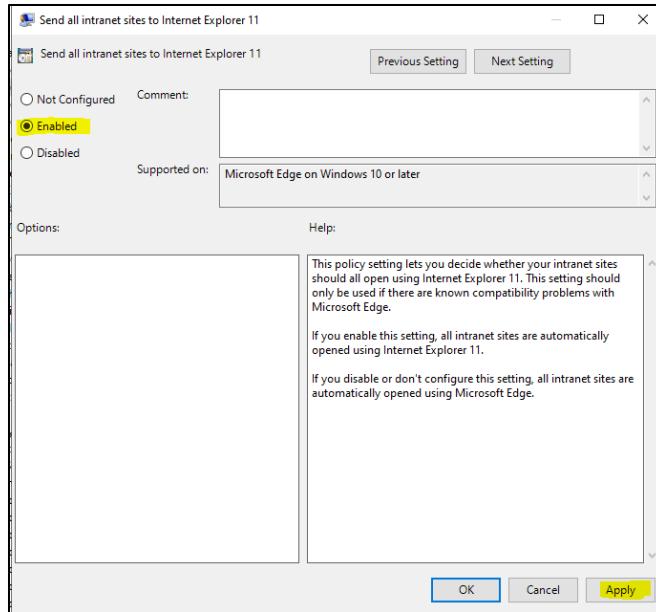


14. On the Local Group Policy Editor window, navigate to **Local Computer Policy**, **Computer Configuration**, **Administrative Templates**, **Windows Components**, **Microsoft Edge**.

Double click **Send all Intranet sites to Internet Explorer 11**.



- On the popup window, select the **Enabled** option, click **Apply**, and then click **OK**.

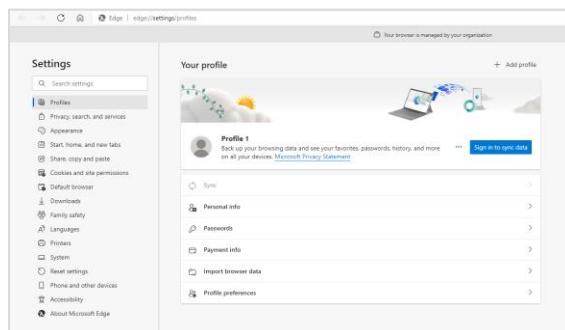


Popup Blocker Setting for Reports Preview

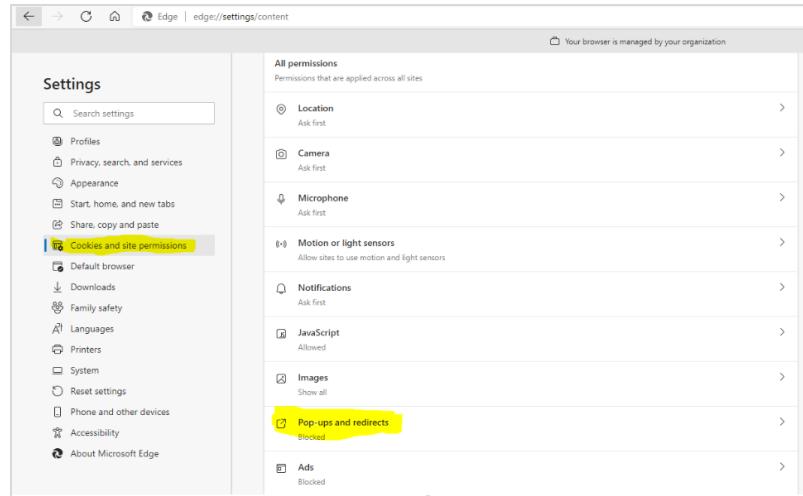
NOTE:

For PDF documents, if Acrobat Reader is not installed, you have the option to Save the document or Open the document in your browser.

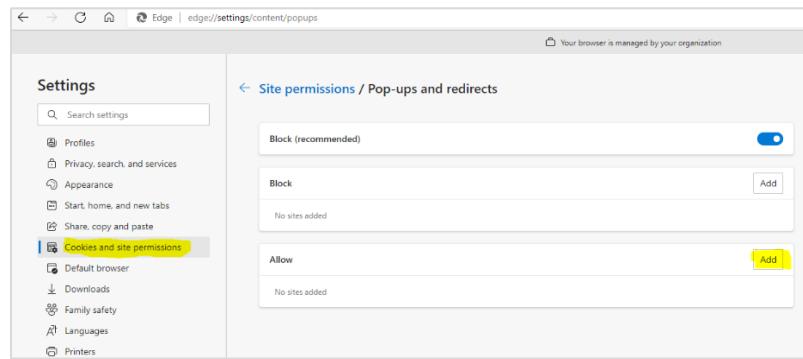
1. Navigate to **Settings** on the Microsoft Edge Browser.



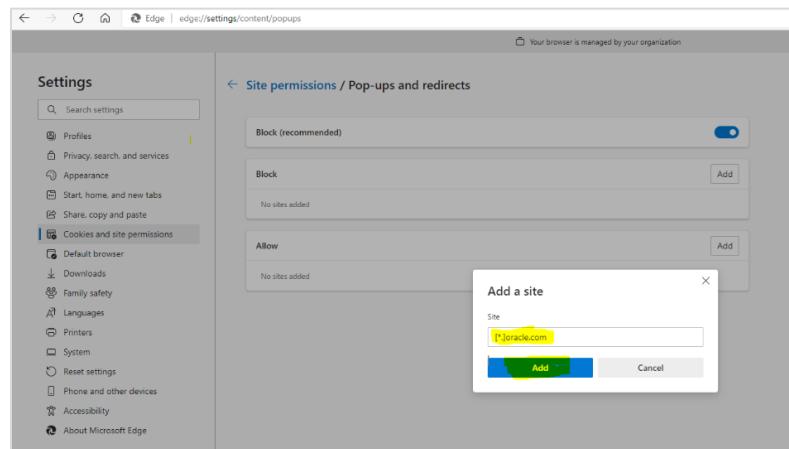
2. On the Settings page, navigate to **Cookies and site permissions, Pop-ups and redirects**.



3. Click Add in the Allow section.



4. Add [*.]oracle.com as the site and click Add.



Support for Other Browsers

Oracle Hospitality OPERA 5 is compatible with Microsoft Edge (based on Chromium) when it is configured to use the Microsoft Internet Explorer (IE) 11 compatibility mode.

Oracle Support will only assist customers running OPERA 5 with a browser other than those using Microsoft Internet Explorer (IE) 11 compatibility mode, in the following manner:

Oracle will only provide support for issues that either are known to occur on Microsoft Internet Explorer (IE) 11 compatibility mode or that can be demonstrated not to be a result of running other browsers than Microsoft Internet Explorer (IE) 11 compatibility mode.

If a problem is a known Oracle issue, Oracle support will recommend the appropriate solution for Microsoft Internet Explorer (IE) 11 compatibility mode.

If that solution does not work in a customers browser that is not using Internet Explorer (IE) 11 compatibility mode, the customer is referred to the respective browser vendor for support. When the customer can demonstrate that the Oracle solution does not work when running Microsoft Edge in Internet Explorer (IE) 11 compatibility mode, Oracle will resume support, which includes logging a bug with Oracle Development for investigation if required.

More information about Browser support is available at the following

URL:<https://www.oracle.com/middleware/technologies/browser-policy.html>

Oracle Fusion Middleware 12c Certifications

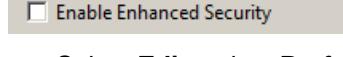
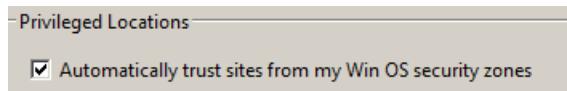
<https://www.oracle.com/middleware/technologies/fusion-certification.html>

5

Setting Adobe Acrobat Reader Preferences

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

1. Open Adobe Acrobat Reader outside of the application.
2. Select **Edit**, select **Preferences**, select **Security Enhanced**, and deselect the **Enable Protected Mode at startup** check box.

 Enable Protected Mode at startup
3. Select **Edit**, select **Preferences**, select **Security (Enhanced)**, and then deselect the **Enable Enhanced Security** check box.

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

- Privileged Locations
 Automatically trust sites from my Win OS security zones

6

Installing Client Side Applications

Below is the only required client side application that must be installed for 5.6.5.x.

Installing Oracle Business Intelligence Publisher

Trying to install Microsoft .NET Framework 3.5 gives the following errors (which are also documented at https://docs.oracle.com/cd/E28280_01/index.html).

- 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
https://docs.oracle.com/cd/E28280_01/index.html

Un-Installing Client Side Applications (Optional)

With 5.6.5.x, OPERA does not require OPERA JinitCheck Control, OPERA Register Terminal, and Oracle JInitiator XXXXX. The below steps should be carried out to clean-up existing workstations. Not performing uninstallation will not have any adverse effect, so this section is optional. It should be noted that JInitiator XXXXX no longer exists with 5.6.x version and must be uninstalled if installed from any previous version.

NOTE:

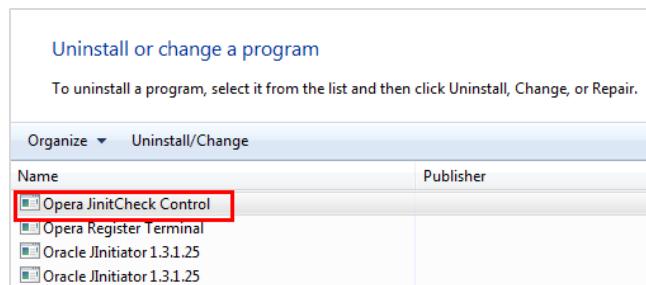
Recommendations before uninstalling client side applications

Before uninstalling client side applications, it is recommended to backup TermReg.ini from below location
“%ALLUSERSPROFILE%\Oracle\Opera\TermReg.ini”.

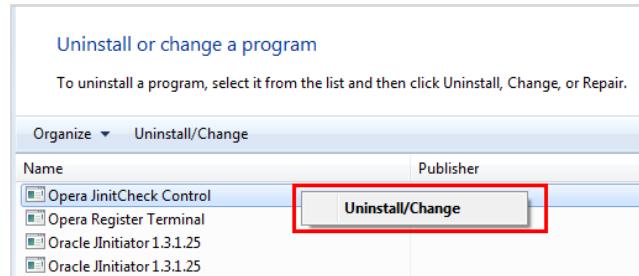
After uninstallation is completed, verify “TermReg.ini” still exists in
“%ALLUSERSPROFILE%\Oracle\Opera\TermReg.ini”.

Uninstalling OPERA JinitCheck Control

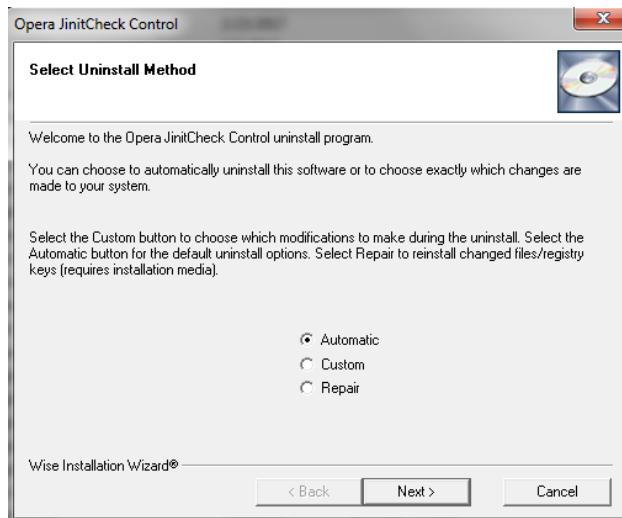
1. Open the **Control Panel**.
2. Click **Uninstall a program** under **Programs**.
3. Select **Opera JinitCheck Control**.



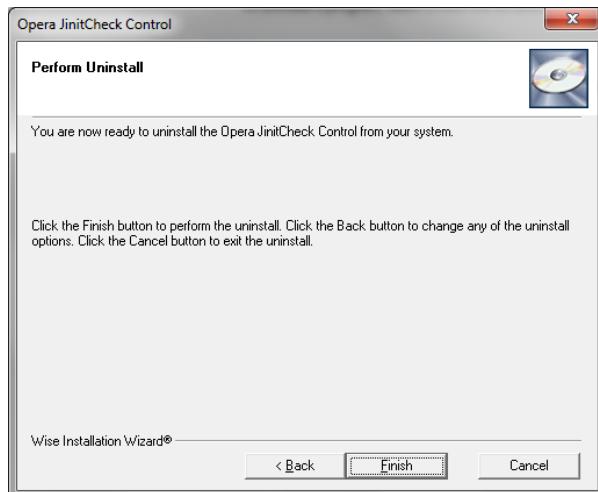
4. Right click and select **Uninstall/Change**.



5. Select Automatic and click Next.

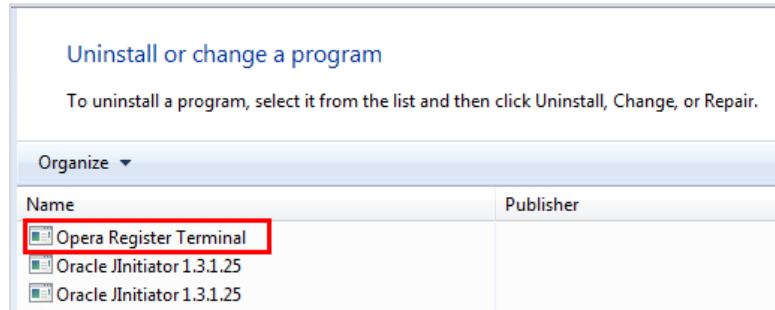


6. Click Finish.

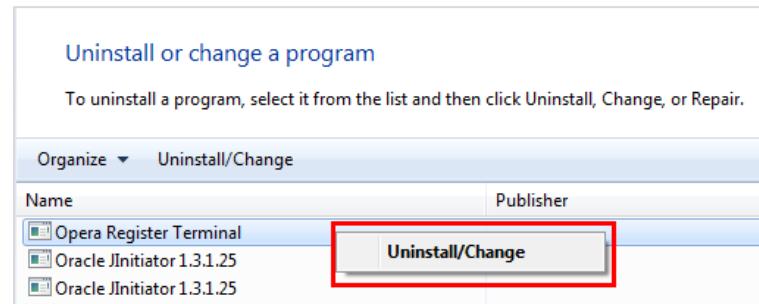


Uninstalling OPERA Register Terminal

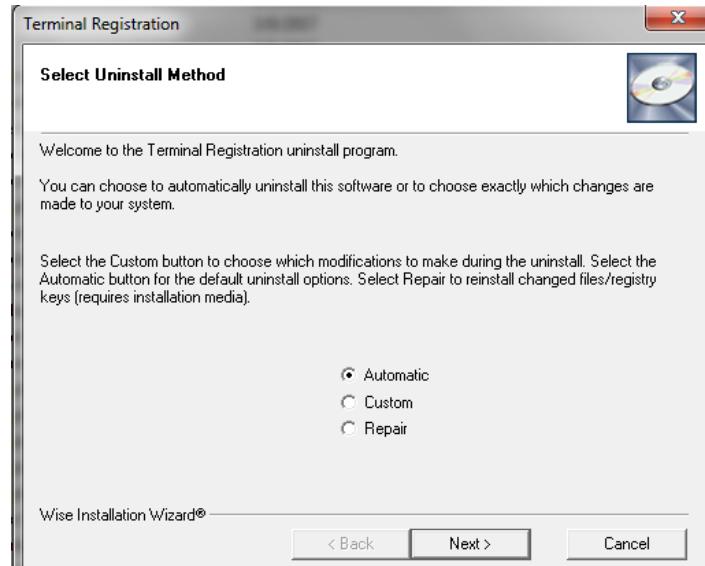
1. Open the **Control Panel**.
2. Click **Uninstall a program** under **Programs**.
3. Select **Opera Register Terminal**.



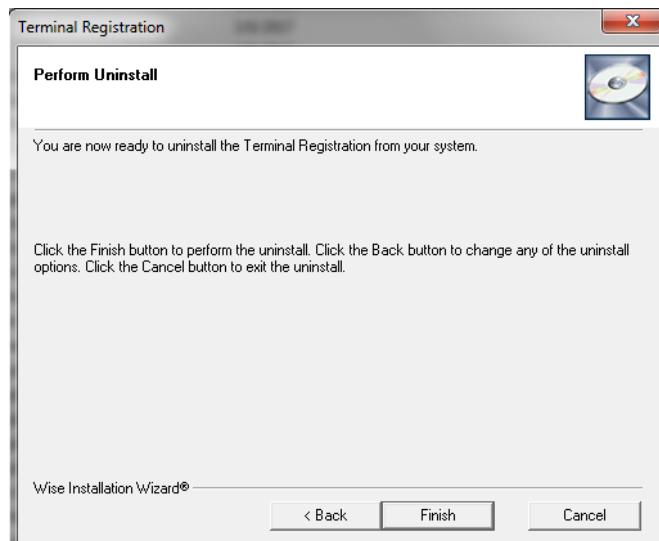
4. Right click and select **Uninstall/Change**.



5. Select **Automatic** and click **Next**.

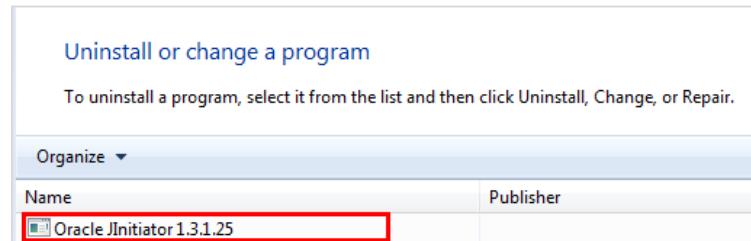


6. Click **Finish**.

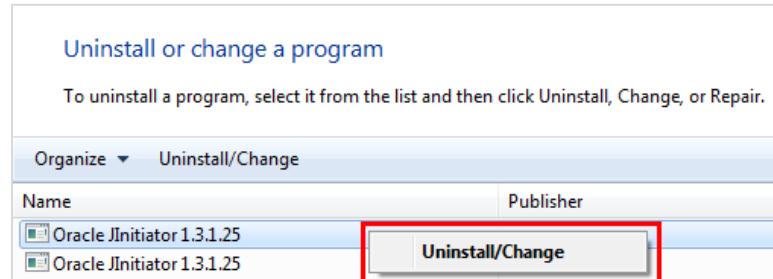


Uninstalling Oracle JInitiator XXXX

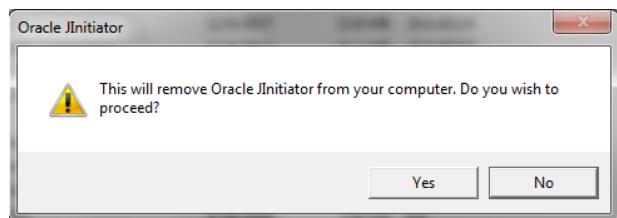
1. Open the **Control Panel**.
2. Click on **Uninstall a program** under **Programs**.
3. Select **Oracle JInitiator XXXX**.



4. Right click and select **Uninstall/Change**.



5. Click **Yes** to confirm.



6. Click **OK**.

