Wowza Streaming Engine™ provides several test players so you can test the playback of your content across platforms and browsers. This article explains how to enable the browser plugins for Google Chrome, Firefox, and Internet Explorer/Microsoft Edge that may be required to use the video Test Players in macOS and Windows environments. After enabling and configuring these plugins, you’ll be asked to allow content to play.

Notes:

- All of these browsers have announced plans to fully deprecate these plugins by the end of 2020. In the meantime, the way in which the plugins are supported and enabled may continue to change.
- The settings described in this article may not be preserved across sessions. When you close the browser your settings may be lost.
- The test players are included in all Wowza Streaming Engine installations. You can also access them on our Video Test Players webpage.

Google Chrome

To use the test players in Google Chrome, open a Chrome browser window and do the following. After enabling and configuring these plugins, you’ll be asked to allow the content to play.

Adobe Flash Plugin

1. To access your settings, navigate to `chrome://settings/content`
2. Click **Flash**
3. Make sure **Ask first** is enabled. If it isn’t, click the toggle button to turn off **Block sites from running Flash**.

Microsoft Silverlight Plugin

1. To access your settings, navigate to `chrome://flags/#enable-npapi`
2. Click **Enable**, then restart Chrome so your change takes effect.
Mozilla Firefox

To use the test players in Mozilla Firefox, open a Firefox browser window and do the following. After enabling and configuring these plugins, you’ll be asked to allow the content to play.

Adobe Flash Plugin

1. To access your settings, click the hamburger menu icon and then click **Add-ons**.
2. On the left sidebar, click **Plugins**.
3. In the **Shockwave Flash Object** section, make sure **Ask to Activate** is selected.

Microsoft Silverlight Plugin

In Mozilla Firefox version 52 (released March 7, 2017) and later, no NPAPI plugins other than Adobe Flash are supported. If you need to test a stream using the Microsoft Silverlight player, you must use a different web browser. For more information, see [Why don’t Java, Silverlight, Adobe Acrobat and other plugins work.](#)

Microsoft Internet Explorer

To use the test players in Microsoft Internet Explorer, open an Internet Explorer browser window and do the following. After enabling and configuring these plugins, you’ll be asked to allow the content to play.

Adobe Flash Plugin

1. With the Internet Explorer browser open to a webpage with rich media content, such as the Wowza Video Test Players page, click the **gear icon** to access your settings and tools and then click **Manage add-ons**.
2. In the **Manage Add-ons** dialog, click **Toolbars and Extensions**.
3. Select **Shockwave Flash Object** in the list of extensions and, if necessary, click **Enable**.

   **Note:** The **Shockwave Flash Object** extension is only displayed if you’re on a webpage with rich media content. Otherwise it won’t appear in the list, even if it’s enabled.

4. You may also need to click the **gear icon**, click **Safety**, click **ActiveX Filtering**, and then restart Internet Explorer for the plugin to work.
Microsoft Silverlight Plugin

1. Download and install Microsoft Silverlight.
2. With the Internet Explorer browser open to a webpage with rich media content, such as the Wowza Video Test Players page, click the gear icon to access your settings and tools and then click Manage add-ons.
3. In the Manage Add-ons dialog, click Toolbars and Extensions.
4. Select Microsoft Silverlight in the list of extensions and, if necessary, click Enable.

**Note:** The Microsoft Silverlight extension is only displayed if you’re on a webpage with rich media content. Otherwise it won’t appear in the list, even if it’s enabled.

5. You may also need to click the gear icon, click Safety, click ActiveX Filtering, and then restart Internet Explorer for the plugin to work.

Microsoft Edge

To use the test players in Microsoft Edge, open an Edge browser window and do the following.

Adobe Flash Plugin

1. To access your settings, click the ellipses menu icon and then click Settings.
2. In the settings menu, click View advanced settings.
3. Make sure Use Adobe Flash Player is toggled On.

Microsoft Silverlight Plugin

In Microsoft Edge, no NPAPI plugins other than Adobe Flash are supported. If you need to test a stream using the Microsoft Silverlight player, you must use a different web browser.