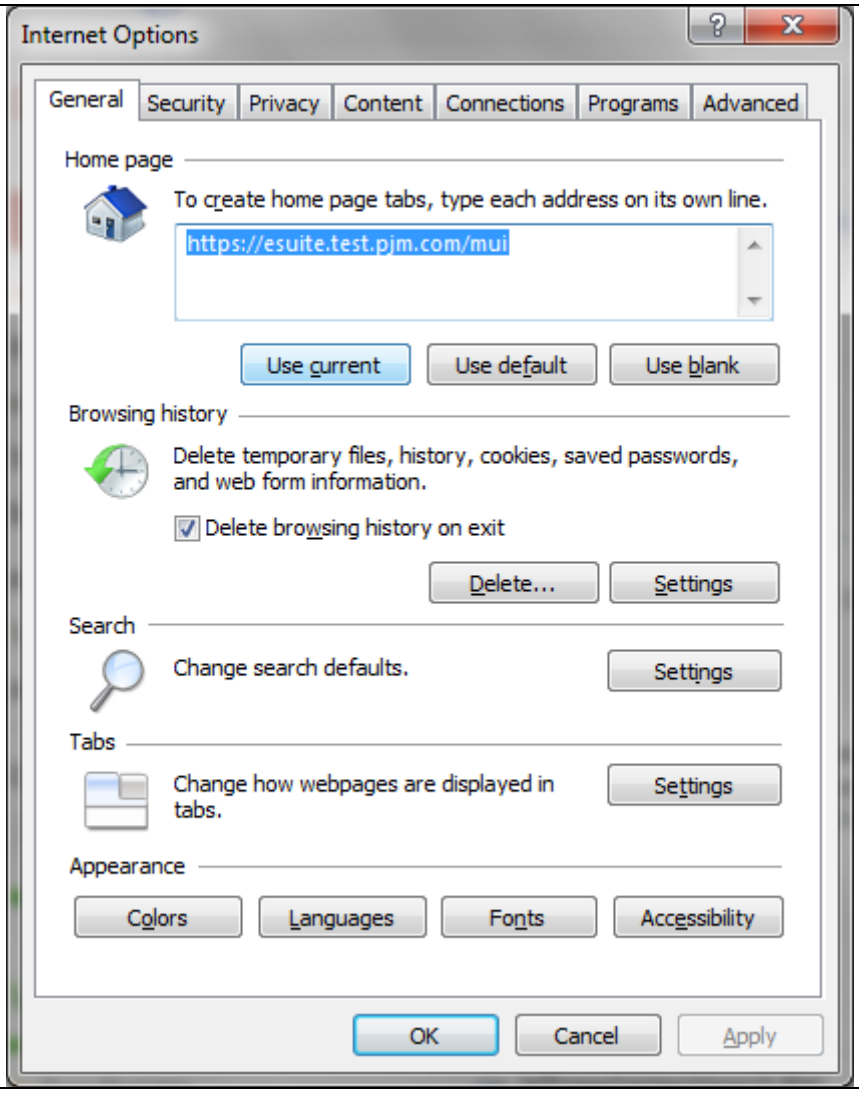
eSuite Hardware/Software Requirements and Browser Configuration

Internet Explorer Configuration

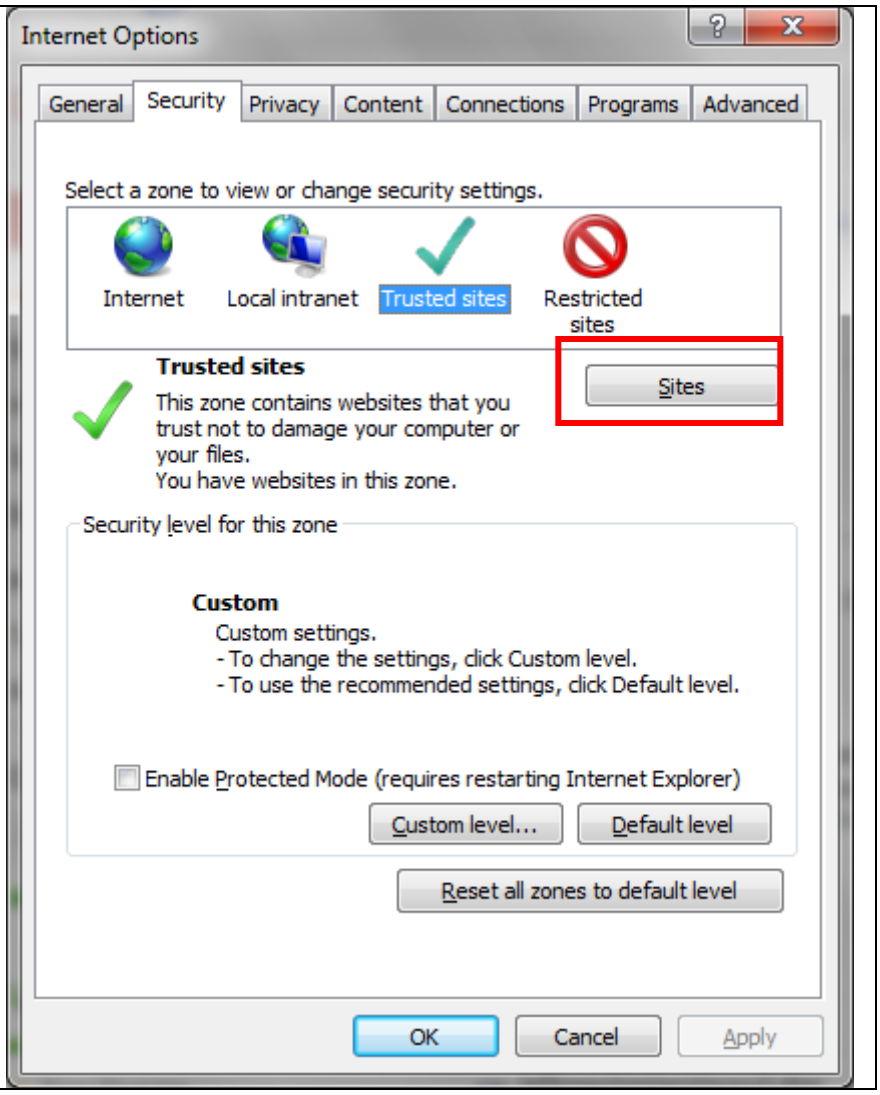
1. **Open Internet Explorer 9 Options:** Click on Tools in the top navigation bar and select Internet Options from the drop down to open IE9 Options



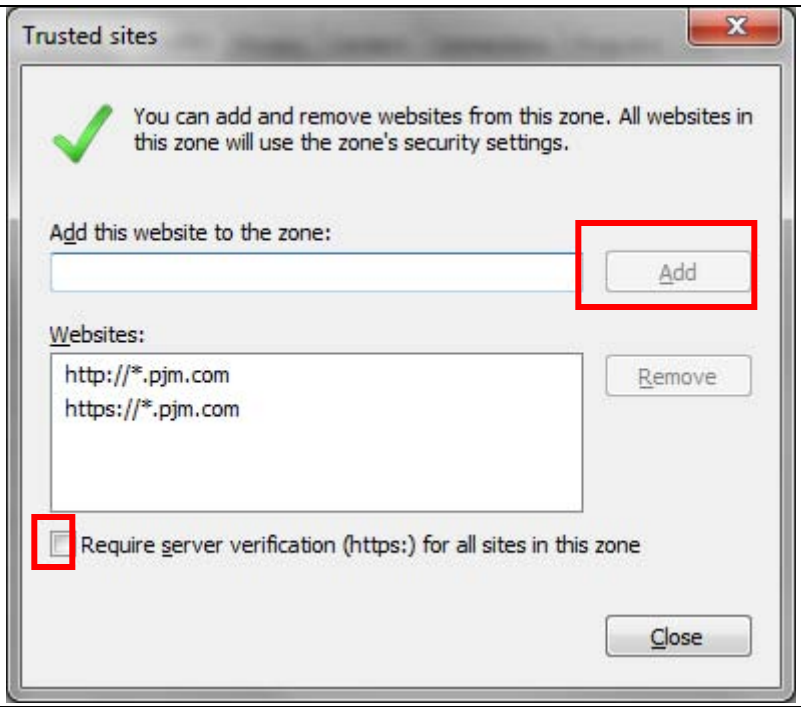
2. Click the **Security** tab

3. In the **Select a zone to view or change security settings**, select **Trusted sites**

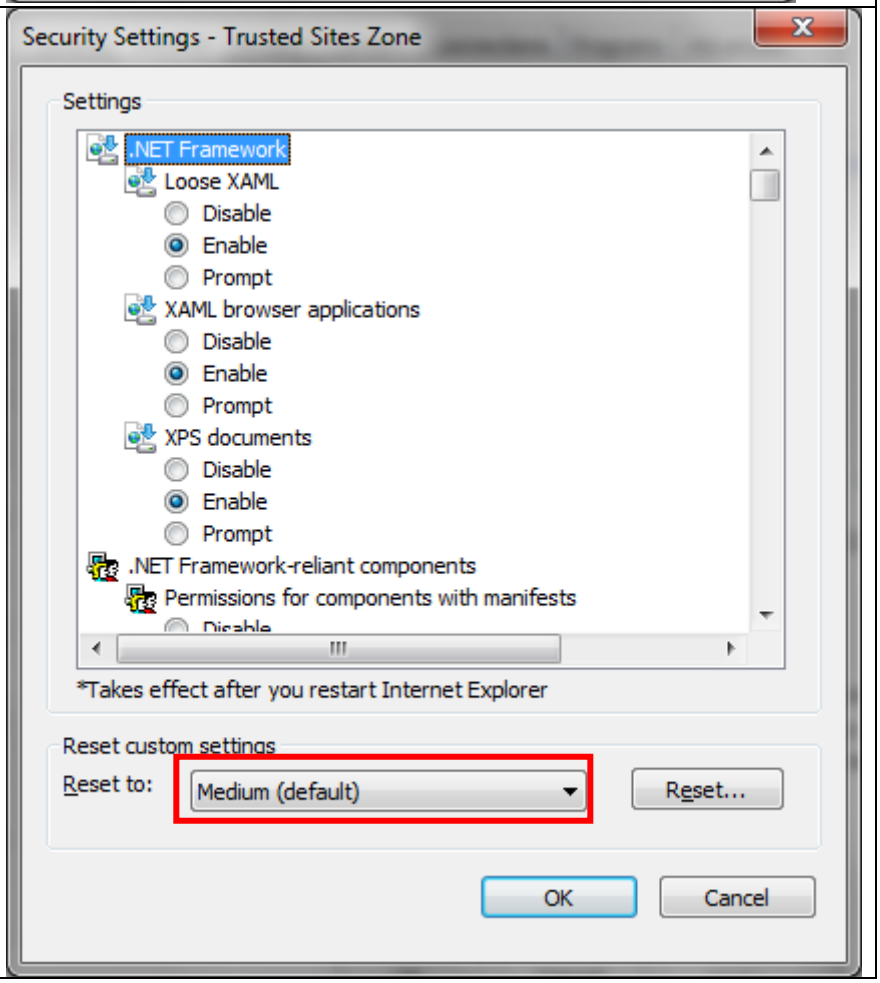
4. Click the **Sites** button



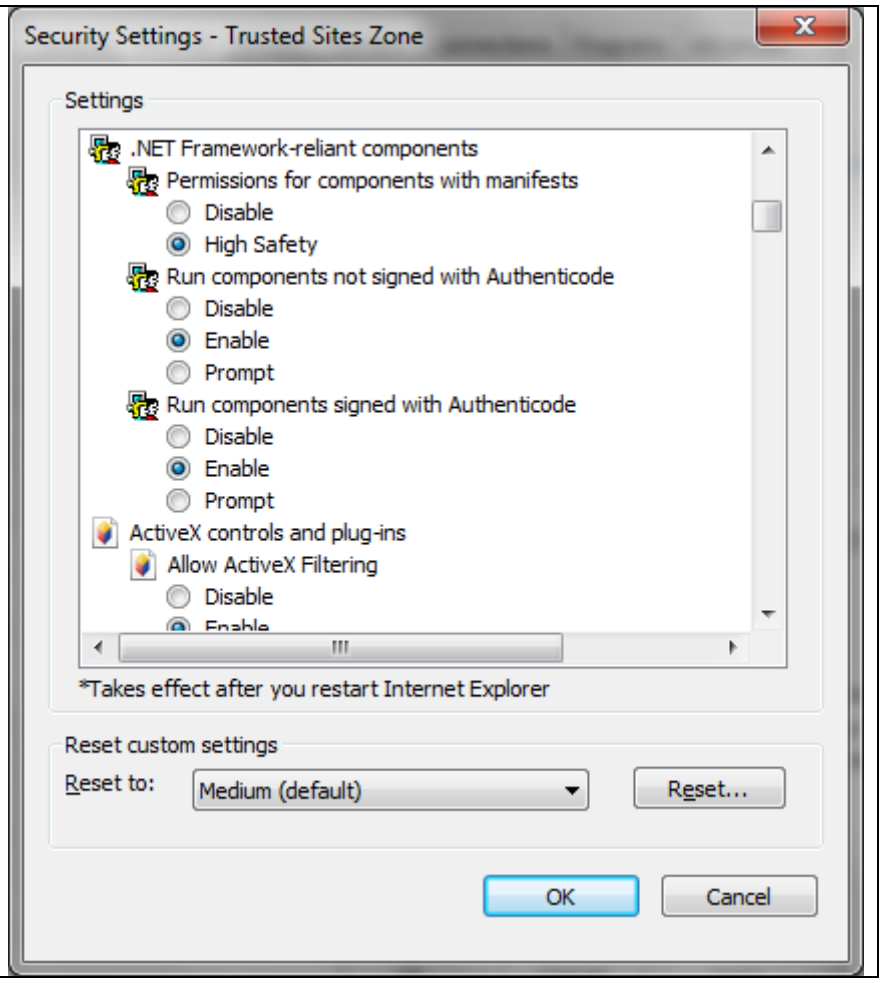
5. Type the URL http://*.pjm.com in the **Add this website to the zone** field and click **Add**
6. Type the URL https://*.pjm.com in the **Add this website to the zone** field and click **Add**
7. Uncheck the **Require server verification (https:) for all sites in this zone**
8. Click **Close** when finished



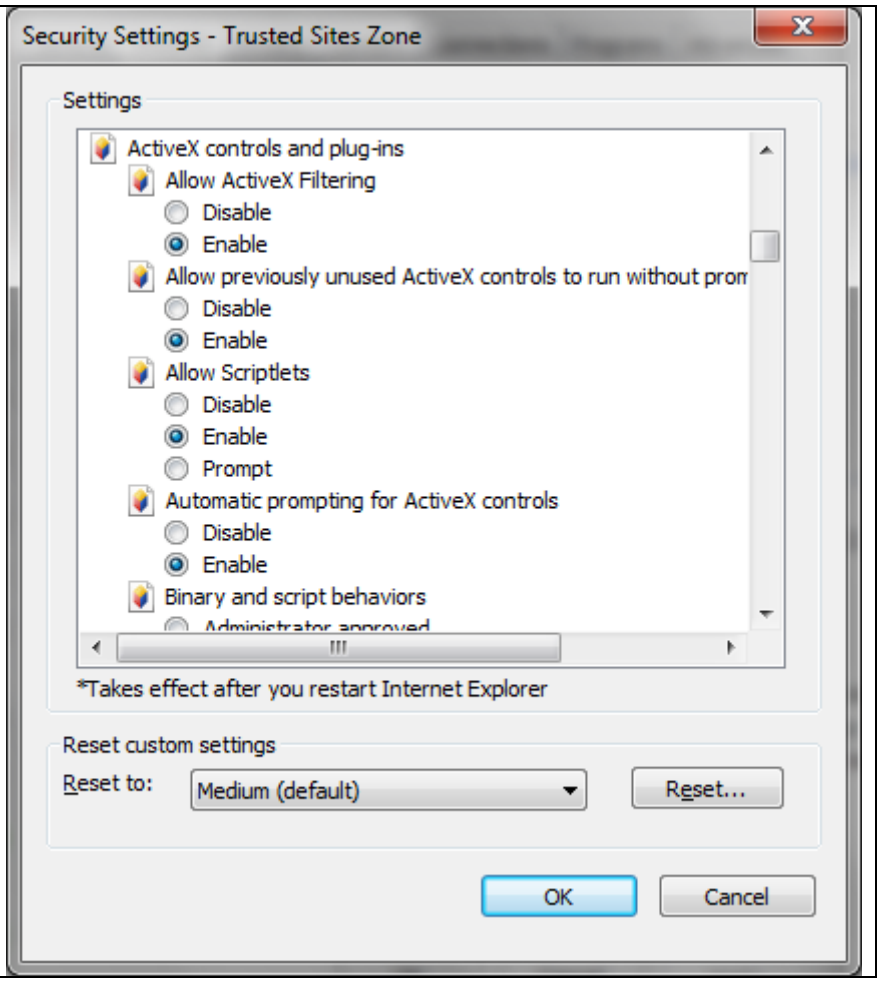
9. Click on **Custom Level**
10. Click on **Enable** for .NET Framework Loose XAML
11. Click on **Enable** for NET Framework XAML browser applications
12. Click on **Enable** for NET Framework XPS documents



13. Click on **High Safety** for .NET Framework-reliant components Permissions for components with manifests
14. Click on **Enable** for .NET Framework-reliant components Run components not signed with Authenticode
15. Click on **Enable** for .NET Framework-reliant components Run components signed with Authenticode



16. Click on **Enable** for ActiveX controls and plug-ins Allow ActiveX Filtering
17. Click on **Enable** for Allow previously unused ActiveX controls to run without prompt
18. Click on **Enable** for ActiveX controls and plug-ins Allow Scriptlets
19. Click on **Enable** for Automatic prompting for ActiveX controls

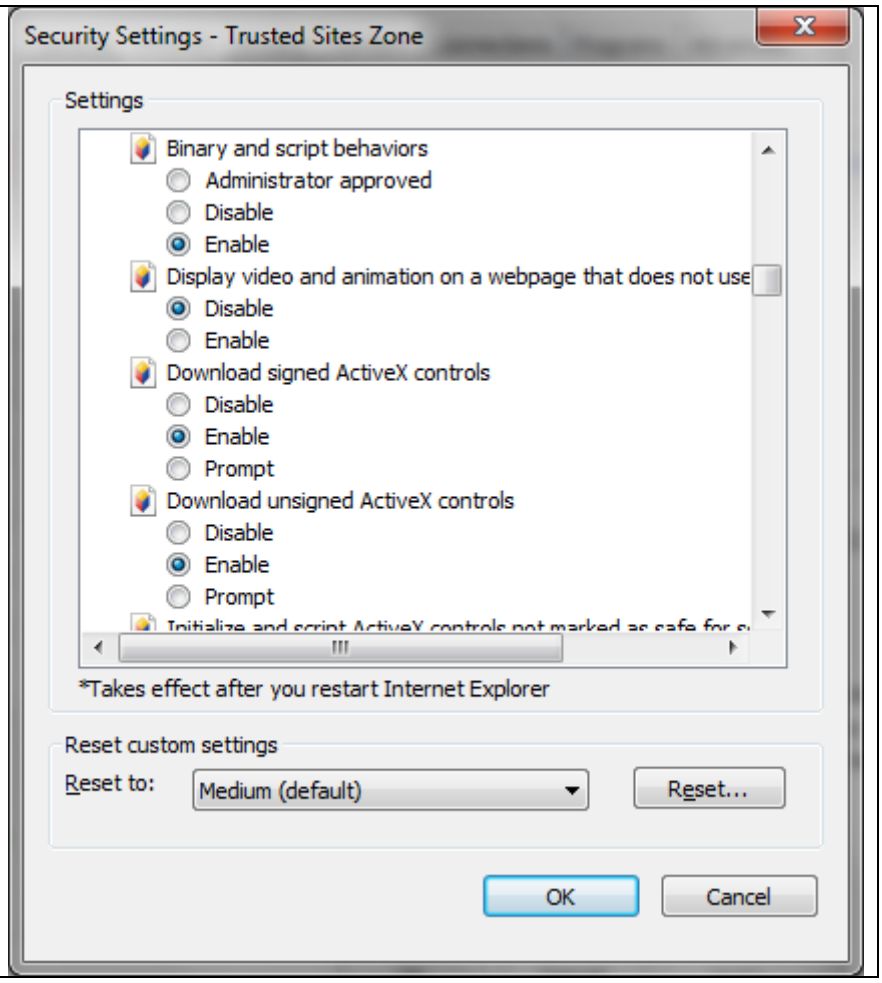


20. Click on **Enable** for Binary and script behaviors

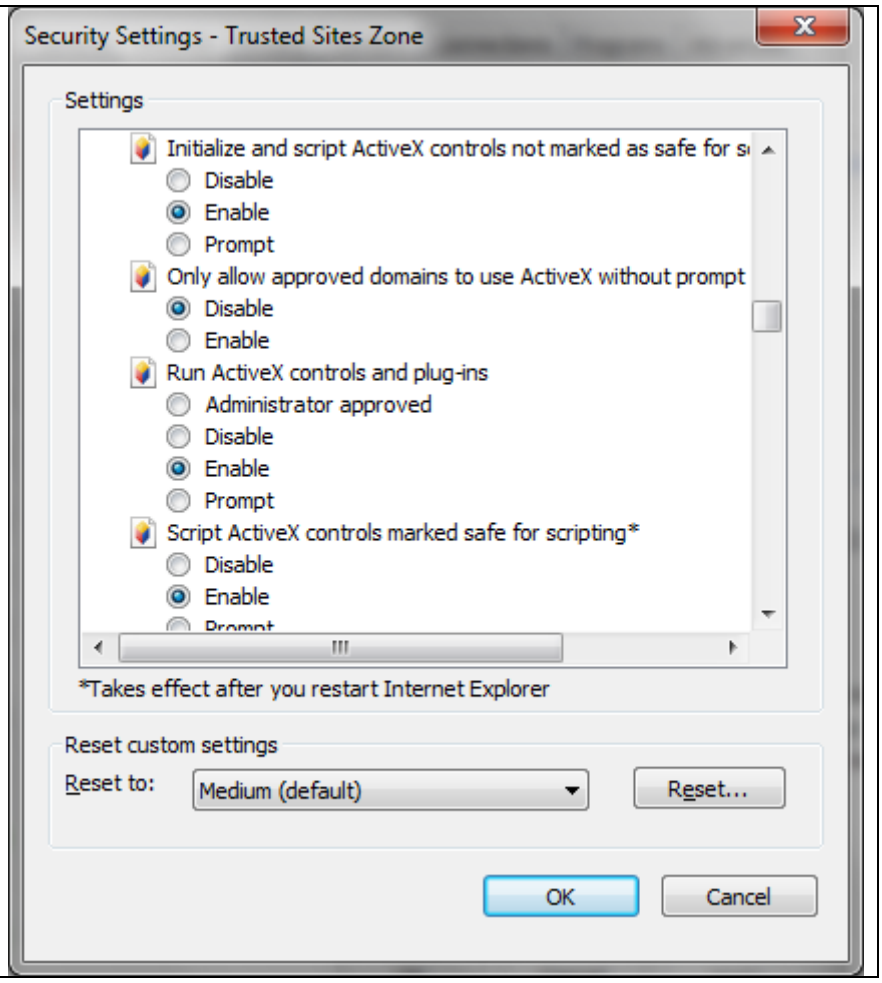
21. Click on **Disable** for Display video and animation on a webpage that does not use external media player

22. Click on **Enable** for Download signed Active X controls

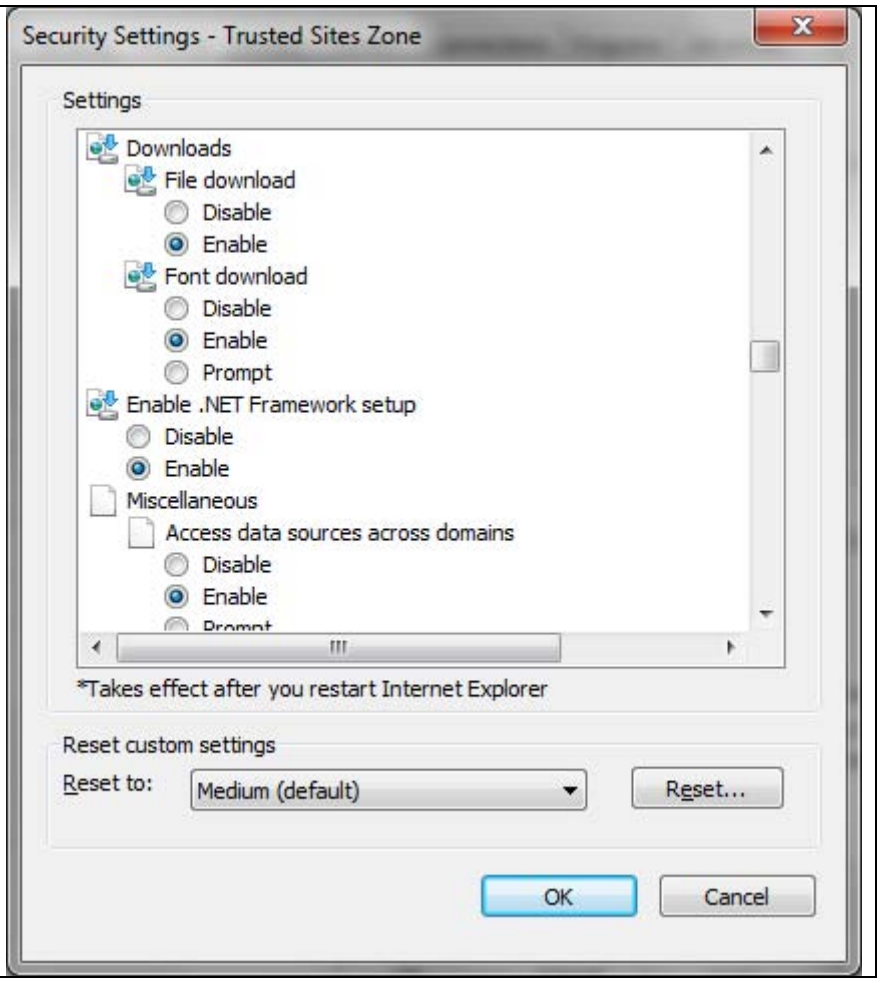
23. Click on **Enable** for Download unsigned ActiveX controls



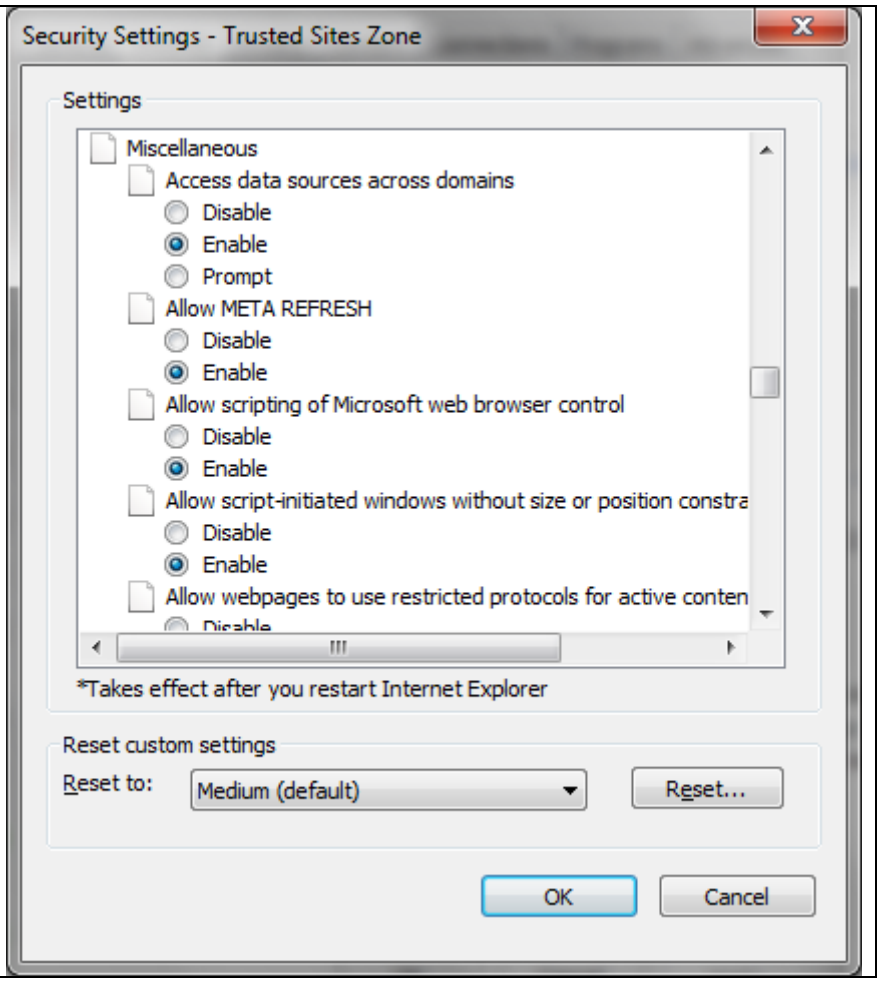
24. Click **Enable** for initialize and script ActiveX controls not marked as safe for scripting
25. Click **Disable** for Only allow approved domains to use ActiveX without prompt
26. Click **Enable** Run ActiveX controls and plug-ins
27. Click **Enable** Script ActiveX controls marked safe for scripting*



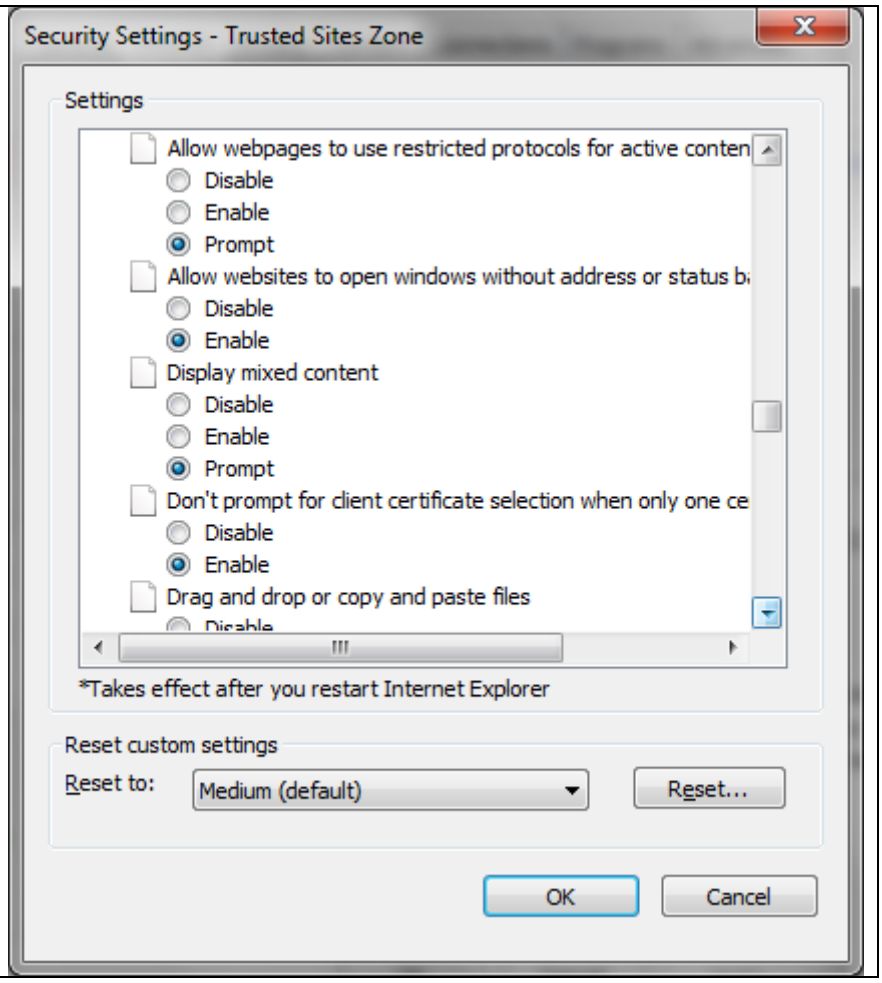
28. Click **Enable** for File Download
29. Click **Enable** for Font Download
30. Click **Enable** for Enable .Net Framework setup



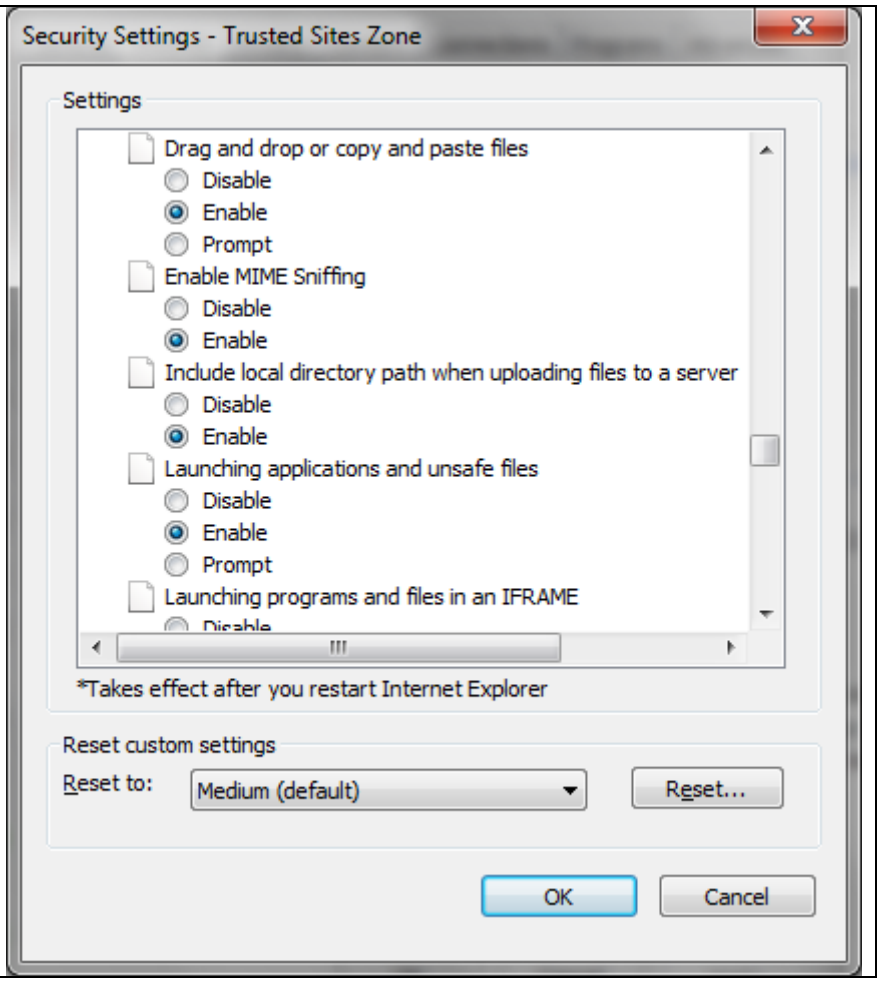
31. Click **Enable** for Miscellaneous Access data sources across domains
32. Click **Enable** for Miscellaneous Allow META REFRESH
33. Click **Enable** for Miscellaneous Allow scripting of Microsoft web browser control
34. Click **Enable** for Miscellaneous Allow script-initiated windows without size or position constraints



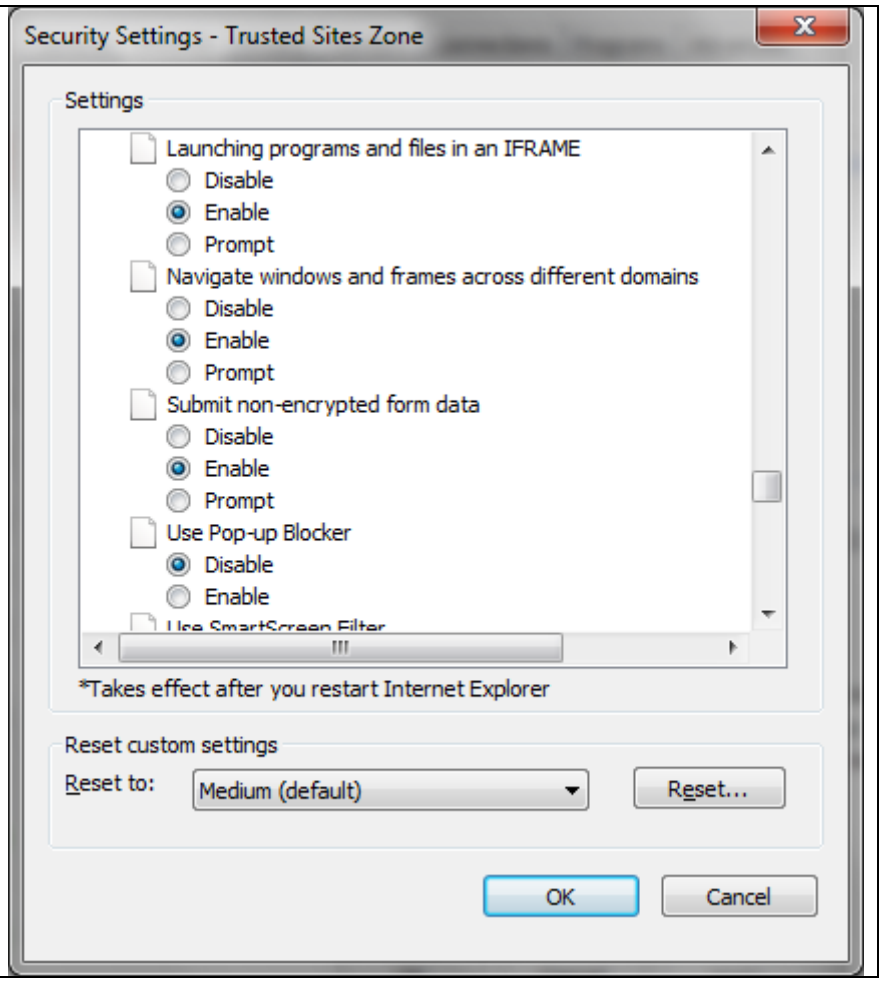
35. Click **Prompt** for Allow webpages to use restricted protocols for active content
36. Click **Enable** for Allow websites to open windows without address or status bars
37. Click **Prompt** for Display mixed content
38. Click **Enable** for Don't prompt for client certificate selection when no certificates or only one certificate exists



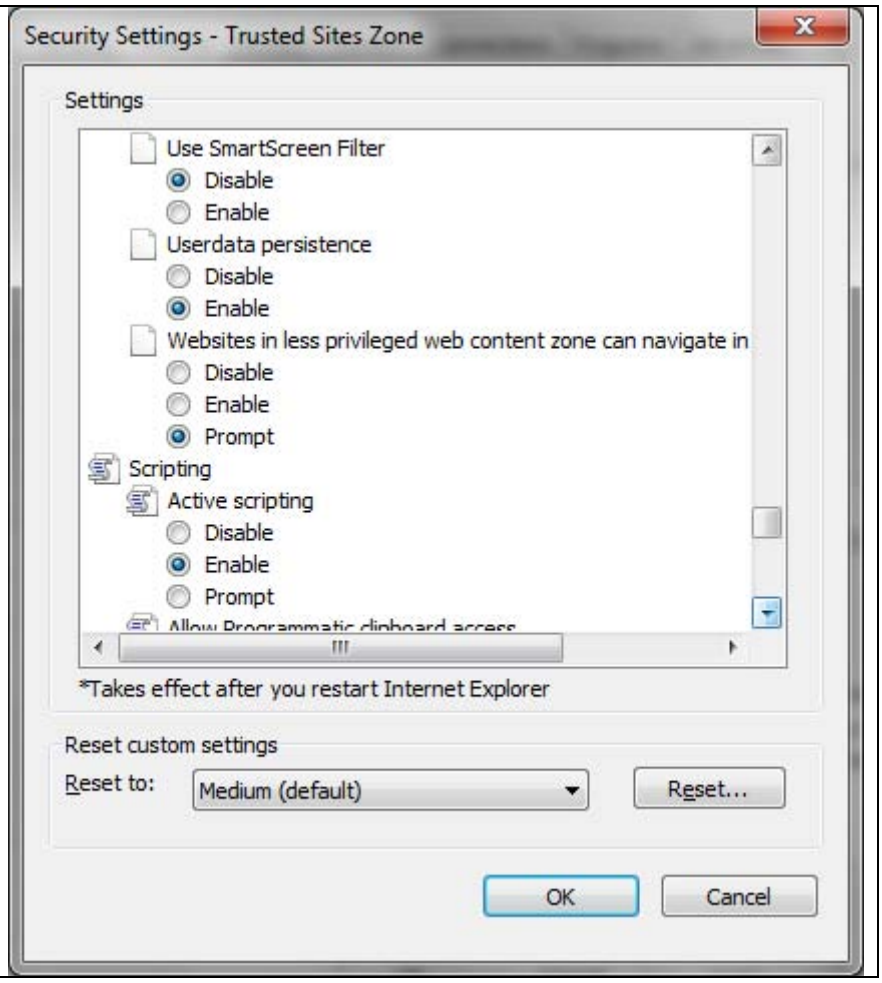
39. Click **Enable** for Drag and drop or copy and paste files
40. Click **Enable** for MIME Sniffing
41. Click **Enable** for Include local directory path when uploading files to a server
42. Click **Enable** for Launching applications and unsafe files



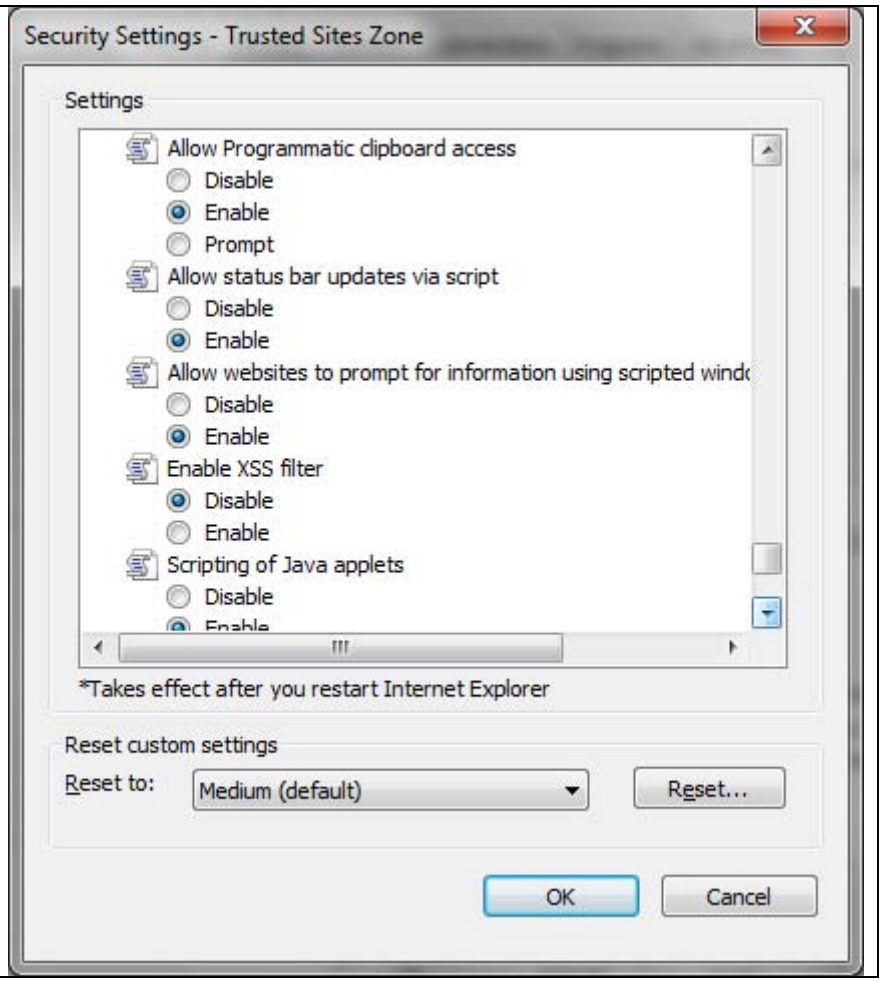
43. Click **Enable** for Launching programs and files in an IFRAME
44. Click **Enable** for Navigate windows and frames across different domains
45. Click **Enable** for Submit non-encrypted form data
46. Click **Disable** for Use Pop-up Blocker

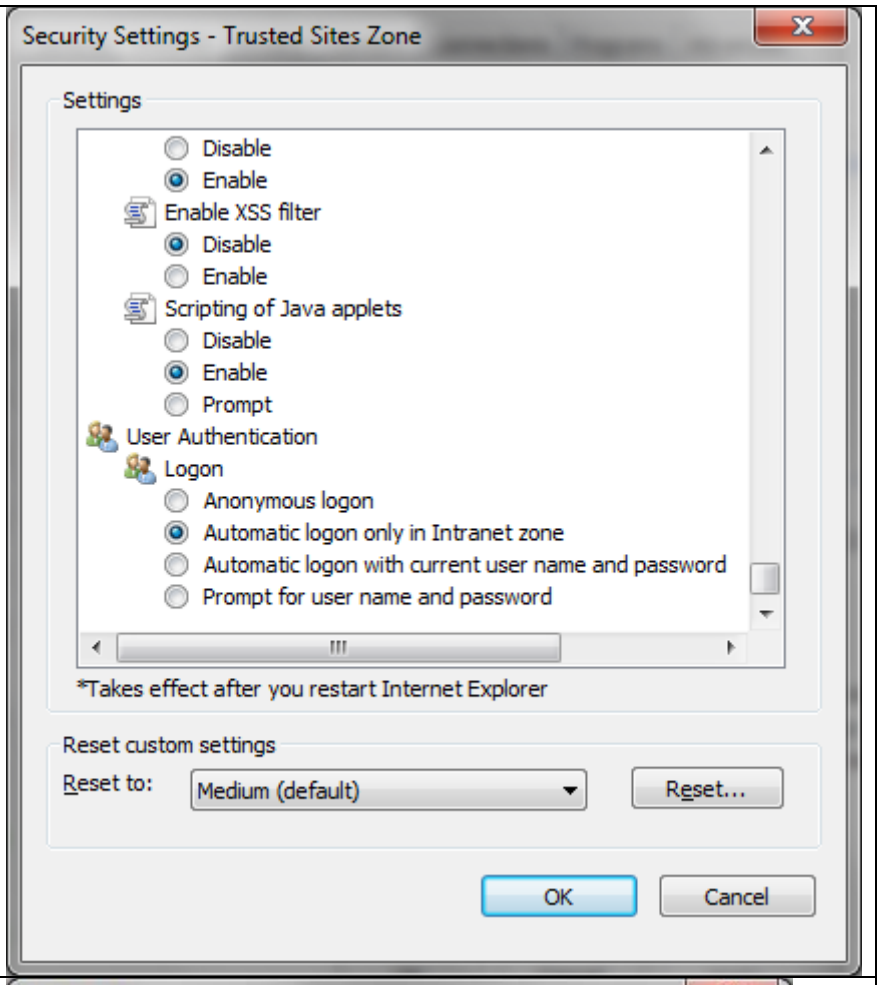
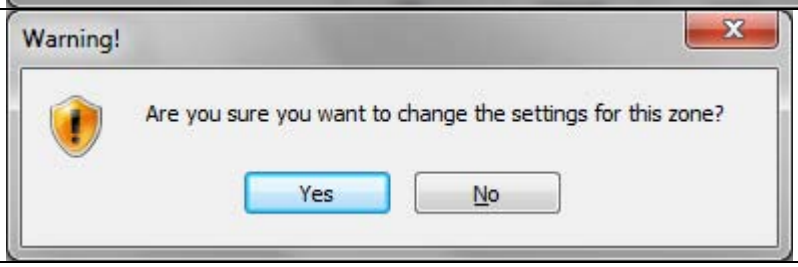


47. Click **Disable** for Use SmartScreen Filter
48. Click **Enable** for Userdata persistence
49. Click **Prompt** for Websites in less privileged web content zone can navigate into this zone
50. Click **Enable** for Scripting Active scripting



51. Click **Enable** for Allow Programmatic clipboard access
52. Click **Enable** for Allow status bar updates via script
53. Click **Enable** for Allow websites to prompt for information using scripted windows



54. Click **Disable** for XSS filter **55.** Click on **Enable** for Scripting of Java applets **56.** Click **Automatic logon only in Intranet zone** for User Authentication Logon. **57.** Click **OK**	
58. Click **Yes** when prompted if you are sure you want to change the settings for this zone?	

59. Click on **Advanced**

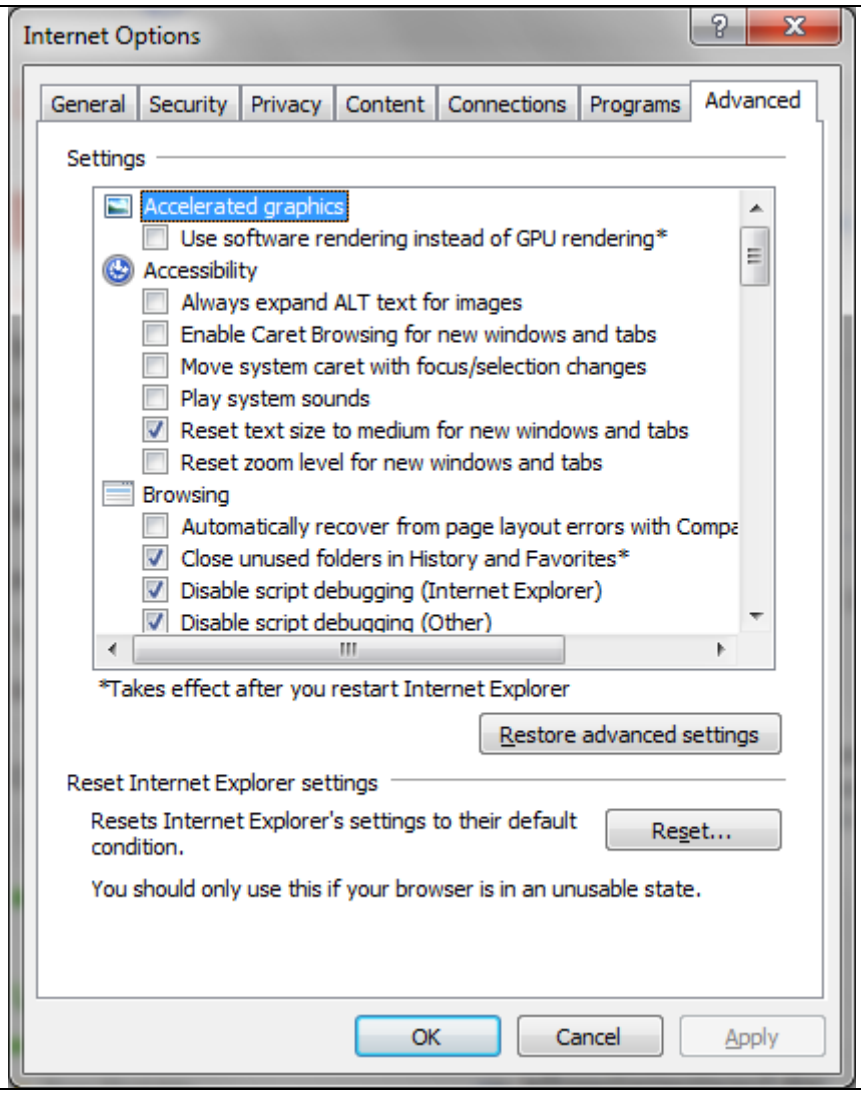
60. Under the **Advanced** tab ensure only the following items are checked:

Accessibility – Reset text size to medium for new windows and tabs

Browsing – Close unused folders in History and Favorites*

Browsing – Disable script debugging (Internet Explorer).

Browsing – Disable script debugging (Other)



Browsing – Display Accelerator button on selection

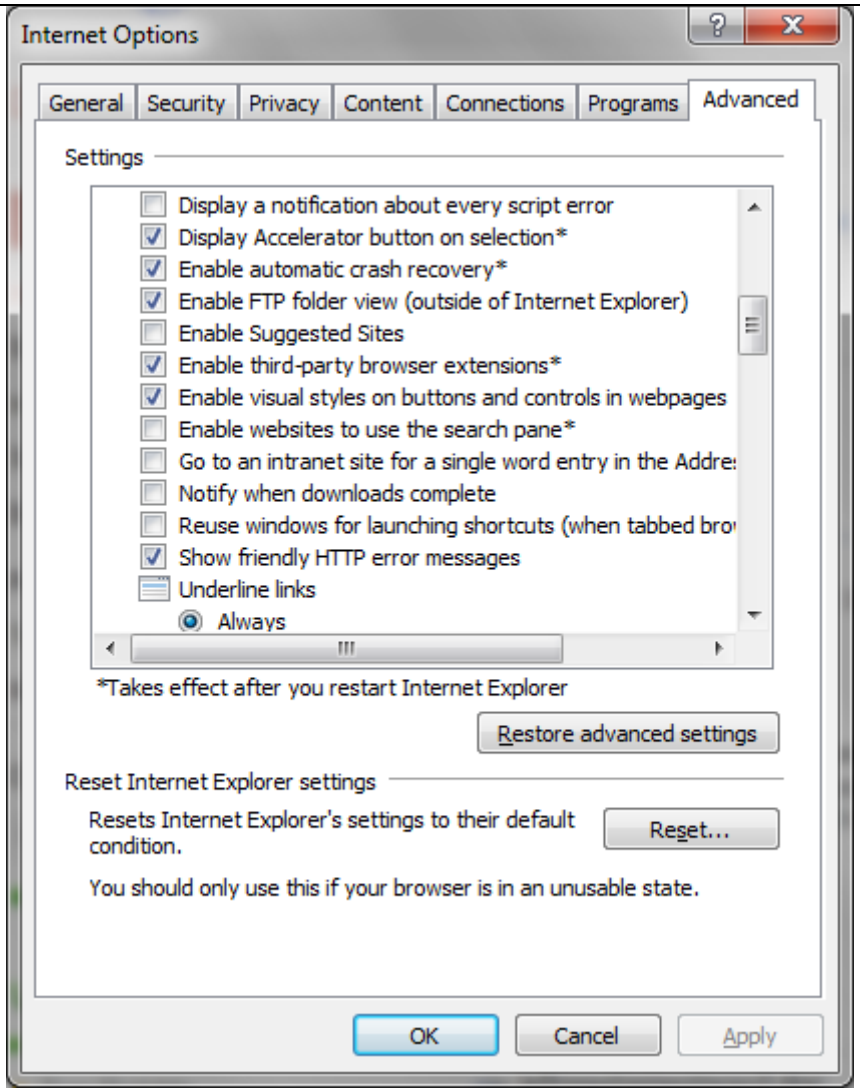
Browsing – Enable automatic crash recovery*

Browsing – Enable FTP folder view (outside of Internet Explorer)

Browsing – Enable third-party browser extensions*

Browsing – Enable visual styles on buttons and controls in webpages

Browsing – Show friendly HTTP error messages

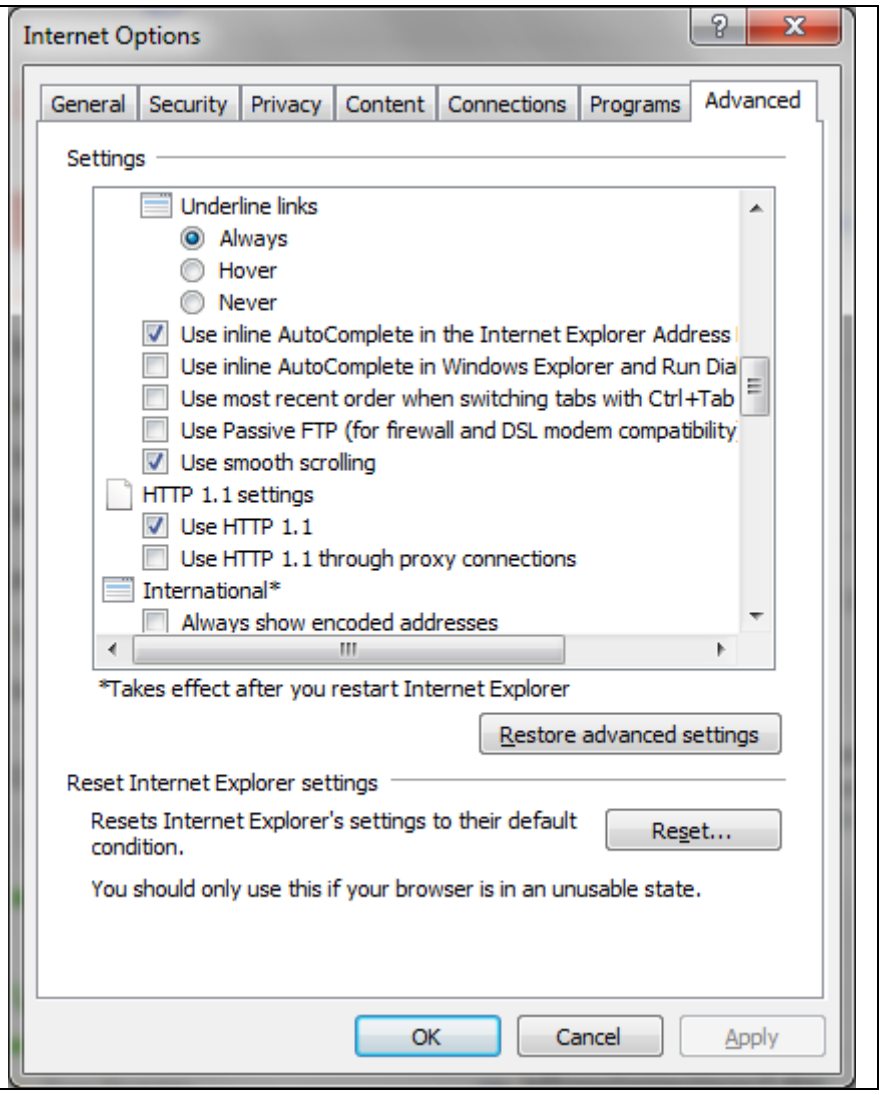


Browsing – Click **Always** for Underline links

Browsing – Click Use inline AutoComplete (outside of Internet Explorer)

Browsing – Click Use smooth scrolling

Browsing – Click Use HTTP 1.1 for HTTP 1.1 settings



International – Send IDN server names for Intranet addresses

International – Send UTF-8 URLs

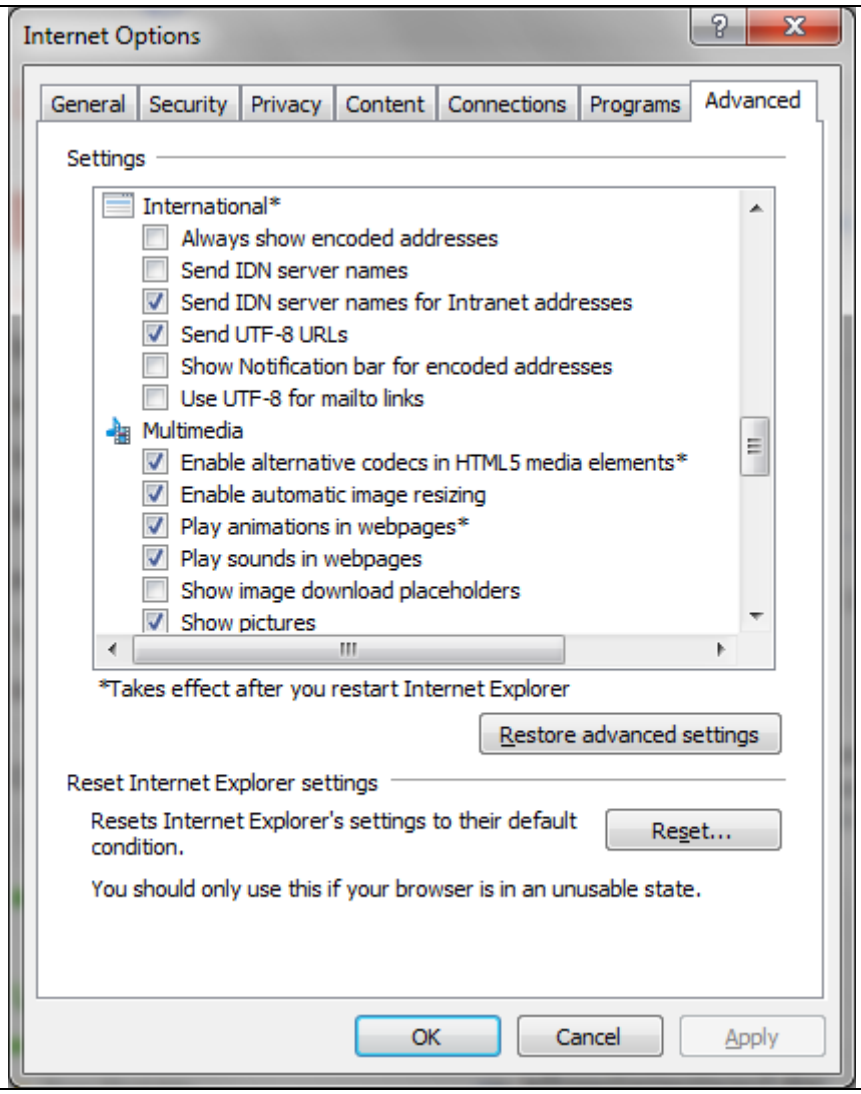
Multimedia- Enable alternative codecs in HTML 5 media elements*

Multimedia – Enable automatic image resizing

Multimedia – Play animations in webpages*

Multimedia – Play sounds in webpages*

Multimedia– Show Pictures



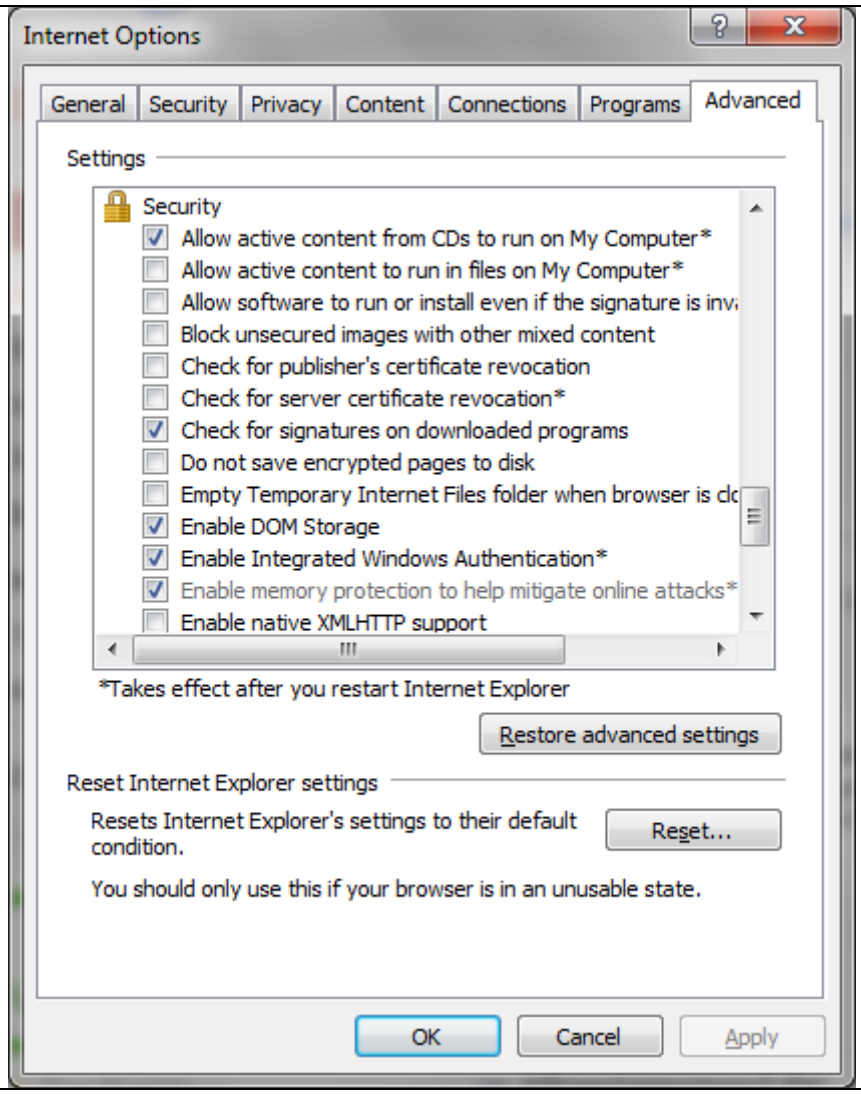
Security – Allow active content from CDs to run on My Computer*

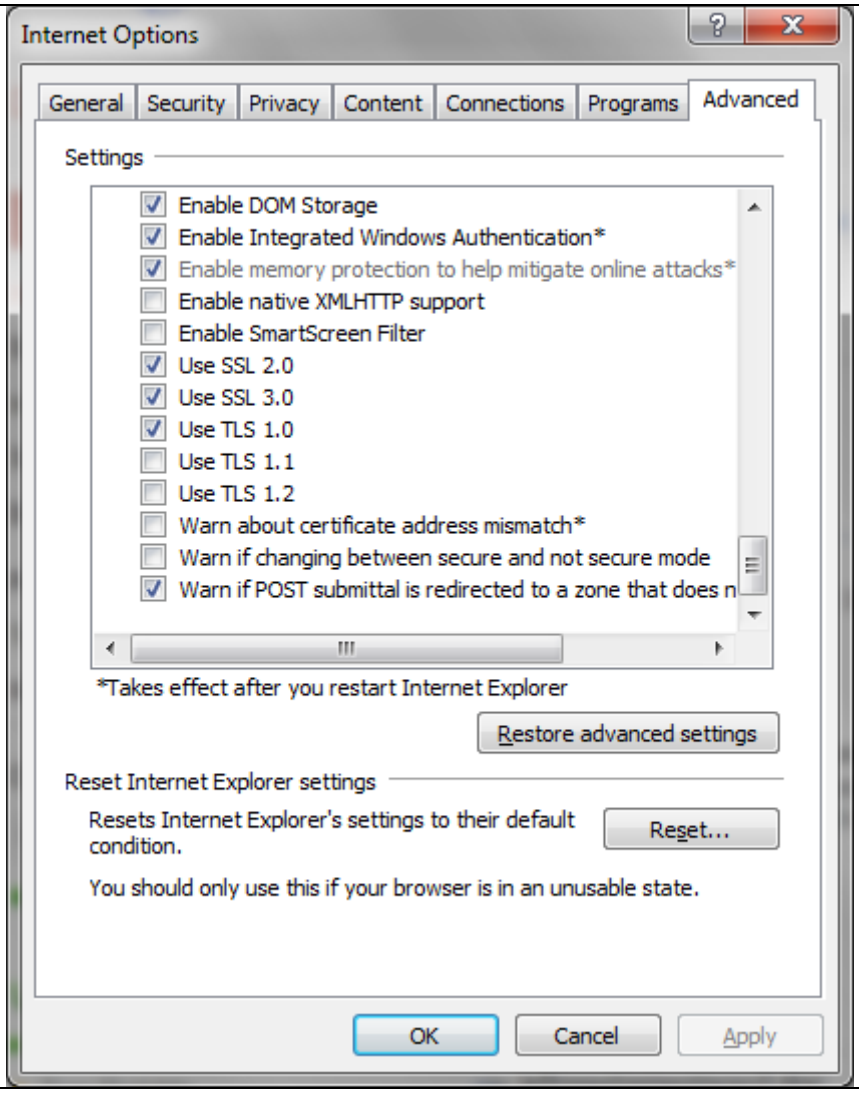
Security – Check for signatures on downloaded programs

Security – Enable DOM storage

Security – Enable Integrated Windows Authentication*

Security – Enable memory protection to help mitigate online attacks*



Security – Use SSL 2.0 **Security** – Use SSL 3.0 **Security** – Use TLS 1.0 **Security** – Warn if POST submittal is redirected to a zone that does not permit posts	
61. Click **OK** **62.** Close the browser and re-open **63.** Open the PJM website **64.** When prompted for security requirements click **NO**	