

Pearson Technical Bulletin - March 17, 2014

TestNav - Disabling Accelerators in Internet Explorer (IE) 9, 10, 11

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What's the issue?

When test takers use the Highlighter tool in TestNav, the Accelerator function in IE 9, 10, and 11 could automatically initiate an online search for the meaning of the highlighted words. TestNav detects this behavior as a security breach and shuts down the test.

Who does this affect?

This issue affects test takers using TestNav running on IE 9, 10, and 11.

What's the solution?

The solution is to disable the Accelerator function in IE. This technical bulletin provides two methods for doing this. Method 1 applies to groups of computers; Method 2 applies to individual computers.

- <u>Method 1</u>: Microsoft offers a capability that can be used to manage settings on groups of computers from a single workstation. This capability automates group policy operations.
 - For Windows 7/Windows Server 2008/Windows Server 2003, this tool is called Remote Server Administration Tools, via which you can create a Group Policy Object (GPO) to disable the Accelerator on a specified group of computers running TestNav and IE.
- **Method 2**: You can use a manual method to disable the Accelerator on individual computers running TestNav and IE.

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Both methods are described further below.

Method 1: Creating and Deploying a Group Policy Object (GPO) to Disable IE Accelerators

This section provides instructions for creating a Microsoft GPO that will disable IE Accelerators. (A GPO is a collection of settings that define what a system will look like and how it will behave for a defined group of users.)

Before You Start

- 1. To create a new GPO, either the Remote Server Administration Tools (for Windows 7/Windows Server 2008/Windows Server 2003).
 - Download and Install Remote Server Administration Tools
 <u>http://www.microsoft.com/en-us/download/details.aspx?id=7887</u>
 - Download and Install Group Policy Management Console
 http://www.microsoft.com/enus/download/details.aspx?id=21895

Further Reading about GPOs

- GPOs for beginners <u>http://technet.microsoft.com/en-us/library/hh147307(v=ws.10).aspx</u>
- Install GPO and AD Tools on Windows 7
 <u>http://tweaks.com/windows/40075/install-group-policy-and-ad-tools-on-windows-7/</u>
- Understanding GPO structure
 <u>http://blogs.technet.com/b/musings of a technical tam/archive/2012/02/13/under</u>
 <u>standing-the-structure-of-a-group-policy-object.aspx</u>
- GPOs for IT Pros <u>http://windows.microsoft.com/en-us/windows7/group-policy-management-for-it-pros</u>

Creating a Group Policy Object (GPO) to Disable IE Accelerators

1. After the GPO management console is installed and running, browse to Group Policy Objects, right click on **GPO**, and click **New**.



2. Enter a name for the new GPO, and then click **OK**.

New GPO	×
Name:	
NA IE disable Accelerators	
Source Starter GPO:	
(none)	×
	OK Cancel

3. Right click on the new GPO and click Edit.



4. In the Group Policy Management Editor, select **Computer Configuration**. This determines the scope of the GPO.

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 Moving down the directory, expand the Computer Configuration, Administrative Templates, Windows Components, Internet Explorer, and Accelerators folders. Note that the Accelerators settings are Not Configured.

🧾 Group Policy Hanagement Editor			
Elle Action View Help			
* * 2 10 . 2 10 7			
NA IE deable Acolerators (TEST) (JSOLDT-AD-V660.PEROC Computer Configuration Software Settings Computer Configuration Computer Configuration Control Produce Control Produce	Eelect an item to view its description.	Setting Deploy non-default Accelerators Deploy default Accelerators Turn off Accelerators Use Policy Accelerators	State Not configured Not configured Not configured

6. Double click **Turn Off Accelerators**, and then click the **Explain** tab. This tab explains the effects of enabling this setting.

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		100	TTION .	
rn off Ac	celerators Pro	perties		? ×
Setting E	oplain Commen	e]		
Turn off	Accelerators			
Turn on 7	scoelerators			
This poli Accelera	cy setting allows y itors.	you to manage w	hether users have a	eccess to <u>~</u>
Funna	while this policy as	ting upon will be	ot he shie to acces	
Accelera	tors.	alling, docto mit i		
f you dis	able or do not co	infigure this polic	v setting, users will b	e able to
access /	Accelerators and i	install new Accel	erators.	
				-
Previ	oue Setting	Next Setting	1	
TICH	ous setting	Text Setting		
		ОК	Cancel	Apoly

7. Click the **Setting** tab, select **Enabled**, and then click **Apply**.

Setting Explain Comment	
CT TUAVoff Accelerators	
	_
C Not Configured	
C Enabled	
C Disabled	_
	_
Supported on: At least Internet Explorer 8.0	
Previous Setting Next Setting	
OK Cancel Appl	v¥K

Applying the GPO to a Group of Computers

- 8. Open the GPO Management Console.
- 9. Locate the Organizational Unit (OU) that contains all the computers (or users) to which this GPO will apply.
- 10. Right click the OU and select Link an Existing GPO... (In this example the OU is North America. You will use your specific OU structure.)

Idit Idit	ck)
	Create a GPO in this domain, and Link it here
🕀 🧾 up	Link an Existing GPO VV
🕀 📃 Template Reg	Block Inheritance
Group Policy WMI Filters Starter GPOs Sites Group Policy Modeling	Group Policy Modeling Wize New Organizational Unit
	View New Window from Here
Group Policy Results	Delete
	Rename
	Refresh
	Properties
	Help

11. In the pop-up window, choose the "Disable Accelerators" GPO that you created, and then click **OK**.

Select GP0	×
Look in this domain:	
j	<u> </u>
Name ^	-
NA IE disable Accelerators (TEST)	
1	
	-
	Cancel

12. The GPO is now applied to the Organization Unit. The GPO will enable itself when the computers in that OU reboot and login to your domain.

Group Policy Management	North Ameri	ca Jicy Objects Conum Raliny Inhestence D	electro	1	
Domains E a	Link On	ler * GPO	elegation [Enforced	Link Enable
	-	1 NA IE disable Accelerators (TEST)	No	Yes
	1000	2 7 1	T	Yes	Yes
		3		No	Yes
E	1			No	Yes
L.		5		No	Yes
it.	3	6	20 ¹¹	No	Yes
æ		7 6		No	Yes
		8	5	No	Yes
÷		9 6		No	Yes
E		0 7		No	Yes
) E		1		No	Yes
• • • •		2		No	Yes
	1	3	12	No	Yes
8		4		No	Yes
E		5		No	Yes
🗉 📄 North America 🦷		12			
1 Implate Region					
E Group Policy Objects					

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Method 2: Manually Disabling IE Accelerators

1. In the IE browser, click the **Tools icon** to open the menu, and then click **Internet options**.



2. In the Internet Options menu, click the **Advanced** tab.

Noternet Options					? X
General Securi	ty Privacy	Content	Connections	Programs	Advanced
Home page —					\sim
📩 То	c <u>r</u> eate hom	e page tab	os, type each a	ddress on i	ts own line.
					*
					~
	Use <u>c</u>	urrent	Use de <u>f</u> aul	t Us	e <u>b</u> lank
Browsing histo	ry				
Del and	ete tempora web form	ary files, hi informatio	istory, cookies, n.	, saved pas	swords,
	Delete bro <u>w</u>	sing histo	ry on exit		
			Delete	<u>S</u>	ettings
Search					
	nge search	defaults.		Se	ett <u>i</u> ngs
Tabs					
Cha tab	nge how w 5.	ebpages a	re displayed ir	n Se	e <u>t</u> tings
Appearance -					
Colors	Lan	iguages	Fonts	Acc	essibility
			ок	Cancel	Apply

3. In the Advanced tab, deselect the check box for "Display Accelerator button on selection."

Internet Options	X				
General Security Privacy Content Connections Programs Adv	vanced				
Settings					
Browsing ✓ Automatically recover from page layout errors with Com Close unused folders in History and Favorites* ✓ Disable script debugging (Internet Explorer) ✓ Disable script debugging (Other) → Display a notification about every script error Display Accelerator button on selection* Name Enable FTP folder view (outside of Internet Explorer) Enable Suggested Sites ✓ Enable third-party browser extensions* ✓ Enable wisual styles on buttons and controls in webpage Enable websites to use the search pane* Go to an intranet site for a single word entry in the Addi ✓ Notify when downloads complete	s re				
	>				
*Takes effect after you restart Internet Explorer					
<u>R</u> estore advanced set	tings				
Reset Internet Explorer settings					
Resets Internet Explorer's settings to their default Reset.					
You should only use this if your browser is in an unusable state.					
OK Cancel	Apply				

- 4. Click **OK**, and then click **Apply**.
- 5. Restart Internet Explorer to apply the setting.