

# Internet Explorer 9

**Product Name:** Internet Explorer

**Product Version:** 9

**Product Cost:** Free

**Operating System Compatibility:** Windows Vista x86 & x64 (SP 2 or higher), Windows Server 2008 R2, x86 & x64 (SP2 or higher) and Windows 7 x86 & x64

**Windows XP is NOT supported**

**System Hardware dependencies:**

- 233MHz processor of higher (Pentium processor recommended)
- Minimum 512MB memory
- Hard drive space requirement:
  - Vista and 7 x86 – 70MB
  - Vista and 7 x64 – 120MB
  - Server x86 – 150MB
  - Server x64 – 200MB
- Display: VGA (800 x 600) or higher resolution with 256 colors.

**Vendor Web Site for support and product access:** <http://windows.microsoft.com/ie9>

**Date Evaluated by PCS:** 02-01-2011

**Version tested on Mosaic:** NA

**Available from:** <http://windows.microsoft.com/en-US/internet-explorer/products/ie-9/home>

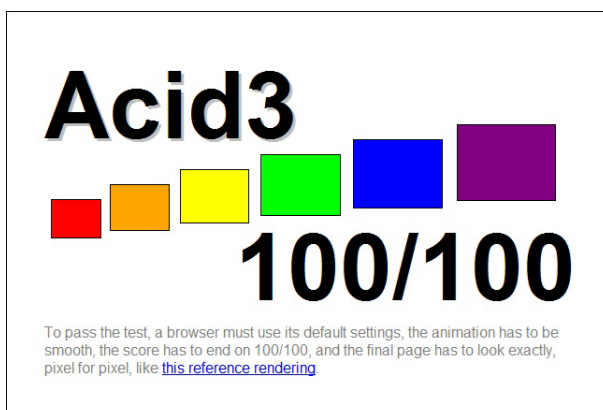
**Test Install Performed on:** Windows 7 x86 Enterprise

**Installation, Setup and Configuration:** Default

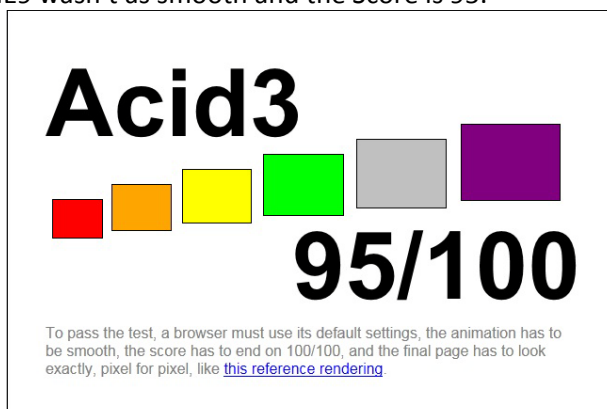
## PCS Evaluation

Internet Explorer 9 is now available to Windows users. This browser was designed because users want to see more of the website and less of the browser. This is particularly effective for those using smaller monitors. The performance of Internet Explorer 9 has greatly improved as it takes advantage of hardware acceleration and a new JavaScript engine that is more compliant with HTML5. When comparing it to past IE versions, IE9 has made considerable advances in features and performance. When comparing it to FireFox 4.0 v11 or Google Chrome, it is still lacking speed and stability. IE9 still had difficulties rendering some websites the way they were designed to be. The security portion of Internet Explorer has been improved with SmartScreen Filter, which is a feature available in Internet Explorer 8, that helps you avoid socially engineered malware phishing websites and online fraud while browsing the web. This is now integrated into the download screening as well, not just websites but all the downloaded files are screened for malware.

ACID3 is a test that checks the performance of a web browser regarding the issue of following certain selected elements from web standards, especially relating to the Document Object Model (DOM) and JavaScript. In a simple comparison test using ACID3 between Google Chrome and Internet Explorer 9, Google Chrome ran a lot smoother during scoring and got the best overall score...



IE9 wasn't as smooth and the Score is 95.



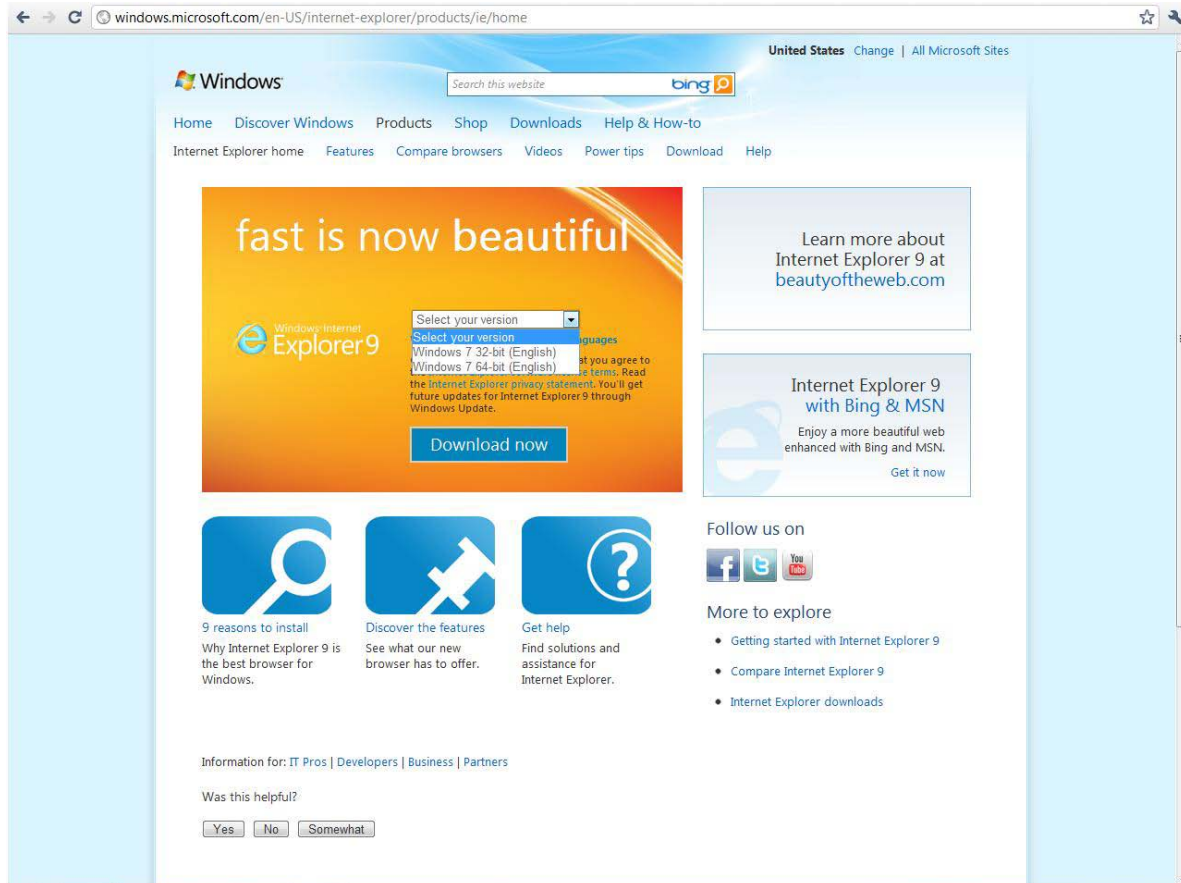
Overall, IE9 shows a lot of improvement in performance and response but does not perform perfectly yet.

# Install

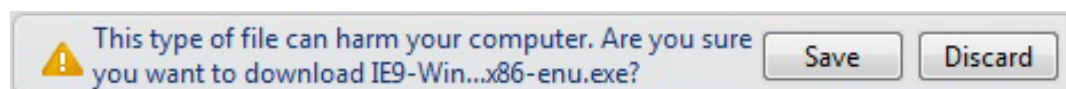
The install process for IE9 is very simple. Visit this website link:

<http://windows.microsoft.com/en-US/internet-explorer/products/ie-9/home>

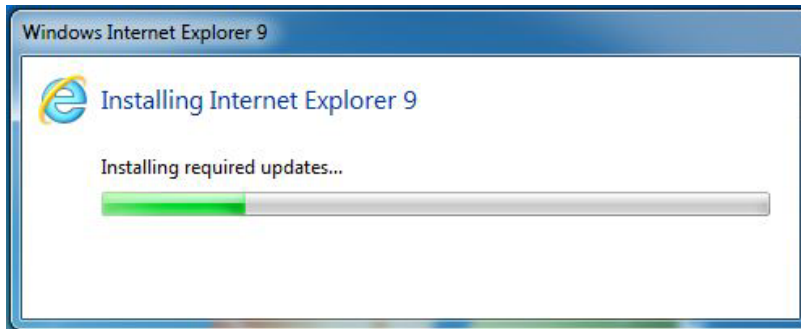
Click "Download now".



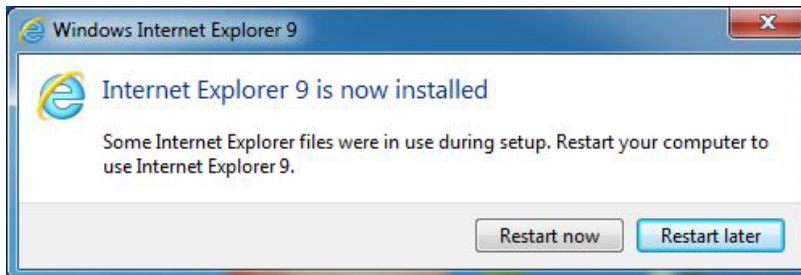
Choose to save the install file (if using IE 8, simply click run).



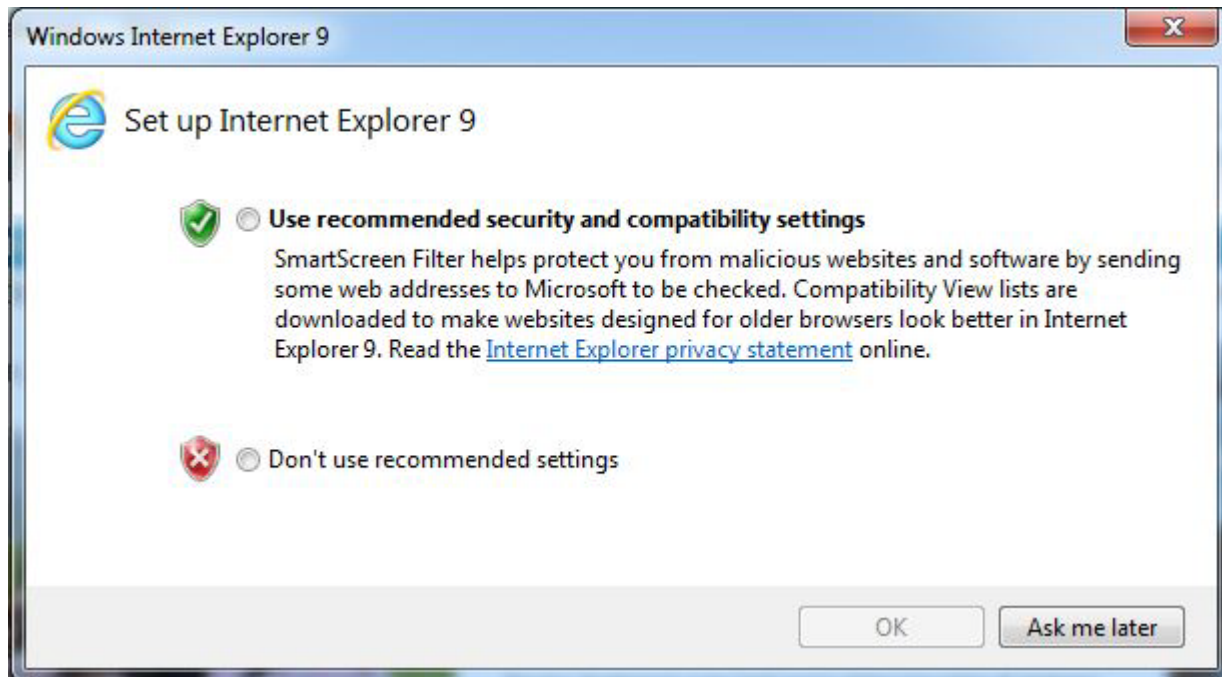
After the download is complete, IE9 can be installed from the directory in which it was saved. A popup window will prompt you to grant it permission to make changes to your machine after which the installation will begin. This window will appear when clicking "run" in IE8.



When the installation is complete, you will need to restart your computer.



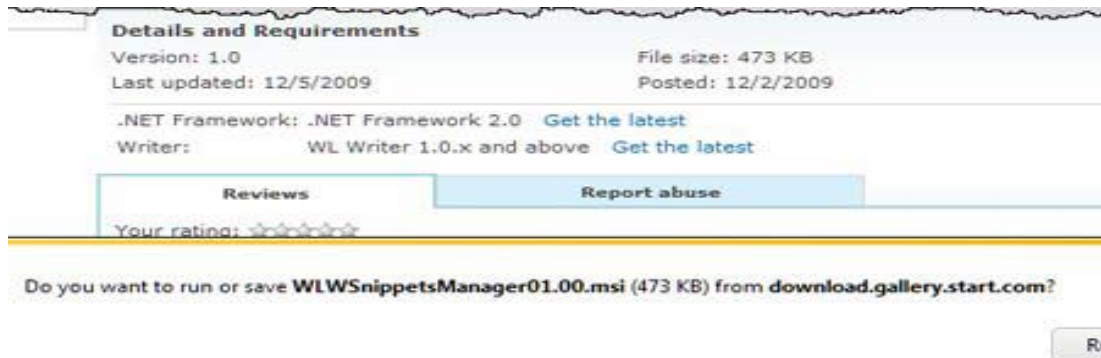
The first time you run Internet Explorer 9, the dialog box below will appear. Select “Use recommended security and compatibility settings” and then click “OK”.



## Features

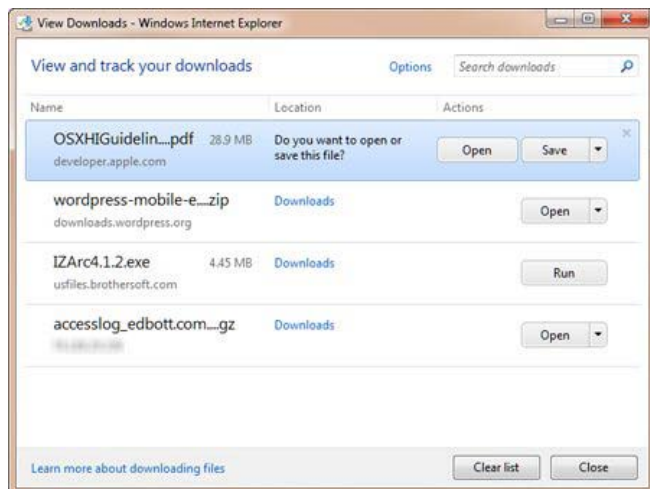
### Warnings and Dialog Boxes

To avoid large popup windows, the warnings and dialog boxes no longer pop up and demand your attention. Instead, notifications and action buttons appear in a discrete bar along the bottom of the window, where you can address them at your convenience. Downloads are the same as notifications. In IE9, all of those interruptions appear at the bottom of the window where you can defer your decision (or ignore a warning completely) while you continue to browse. The image below shows a warning screen for a download.



### Download Manager

In addition to its other features, IE9 now has a download manager and an integrated SmartScreening feature which removes unnecessary warnings from well-known download files. It also warns the user of downloads that have a higher risk of malware infection.



## Windows 7 Supported Application Shortcuts

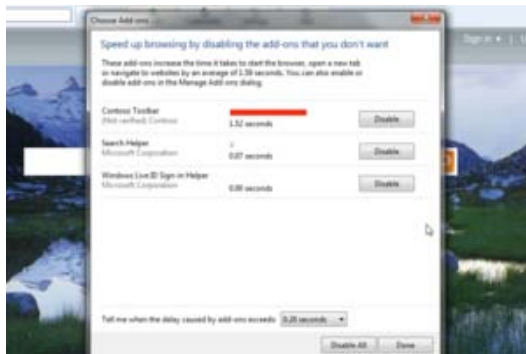
Tab management in IE9 has a few new features, including the ability to tear off tabs and drag them into a new window or dock them to the side of the display. This new feature allows webpages to run as applications in the taskbar.



In the above screenshot, four shortcuts have been placed on the task bar: pcmag.com, softpedia.com, guardian.co.uk and zdnet.com.

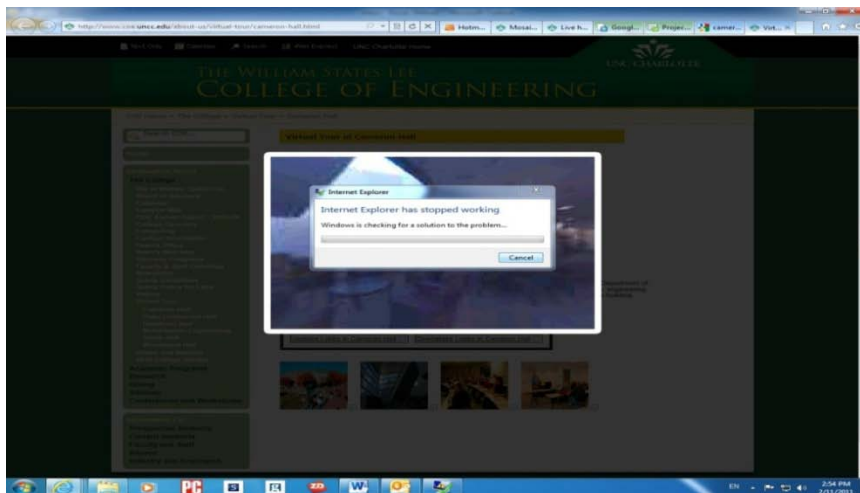
## Add-On Performance Advisor

Another useful feature in IE9 is that it has an Add-On Advisor that pops up only if one of the add-ons was slowing down the browser. This allows the user to manage and control their add-ons.



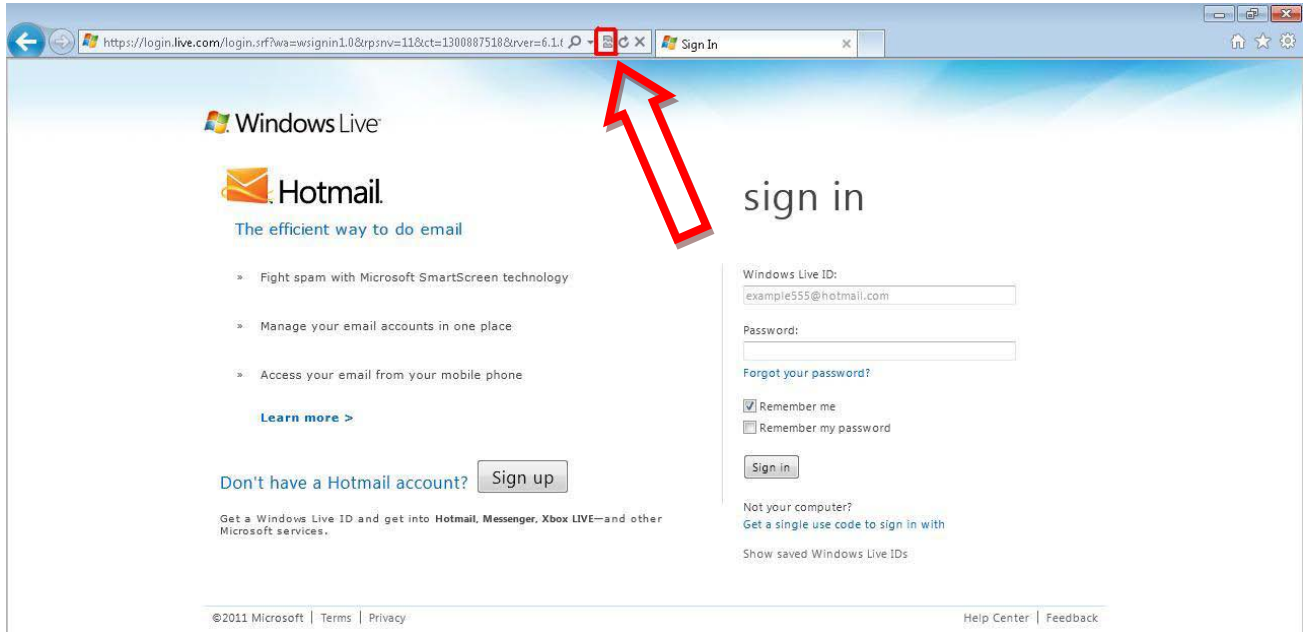
## Crash Management

One of the major improvements is that if IE9 crashes only the tabs that have the issues are aborted instead of shutting down the whole browser. The program, however, is still unstable and may fail at times.

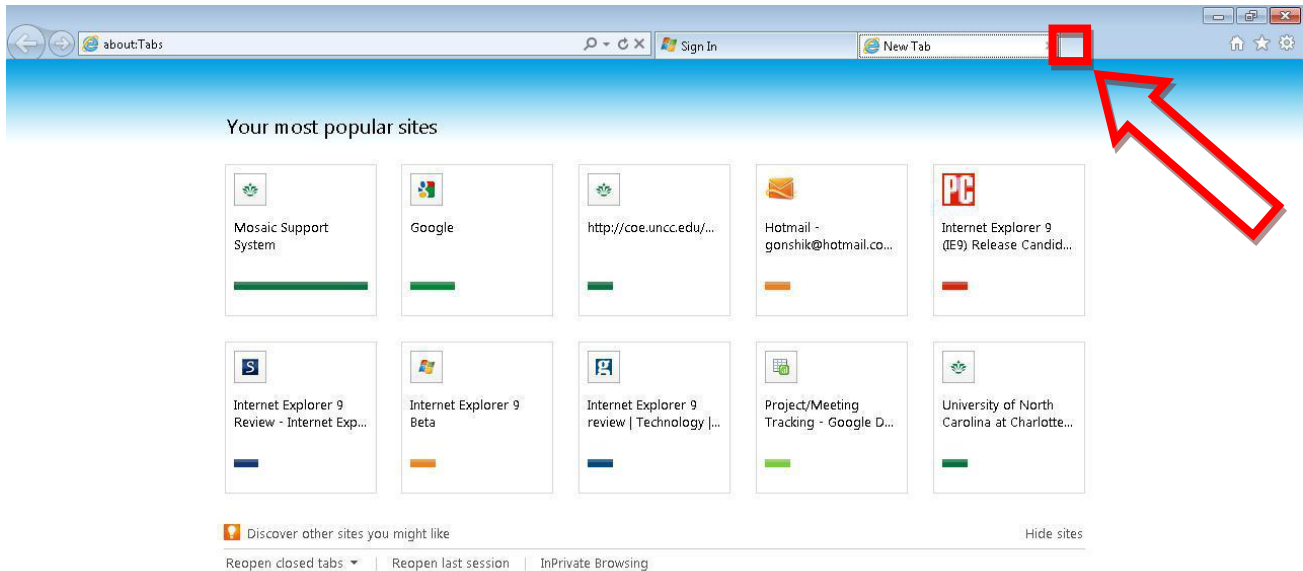


## IE8 to IE9: Basics

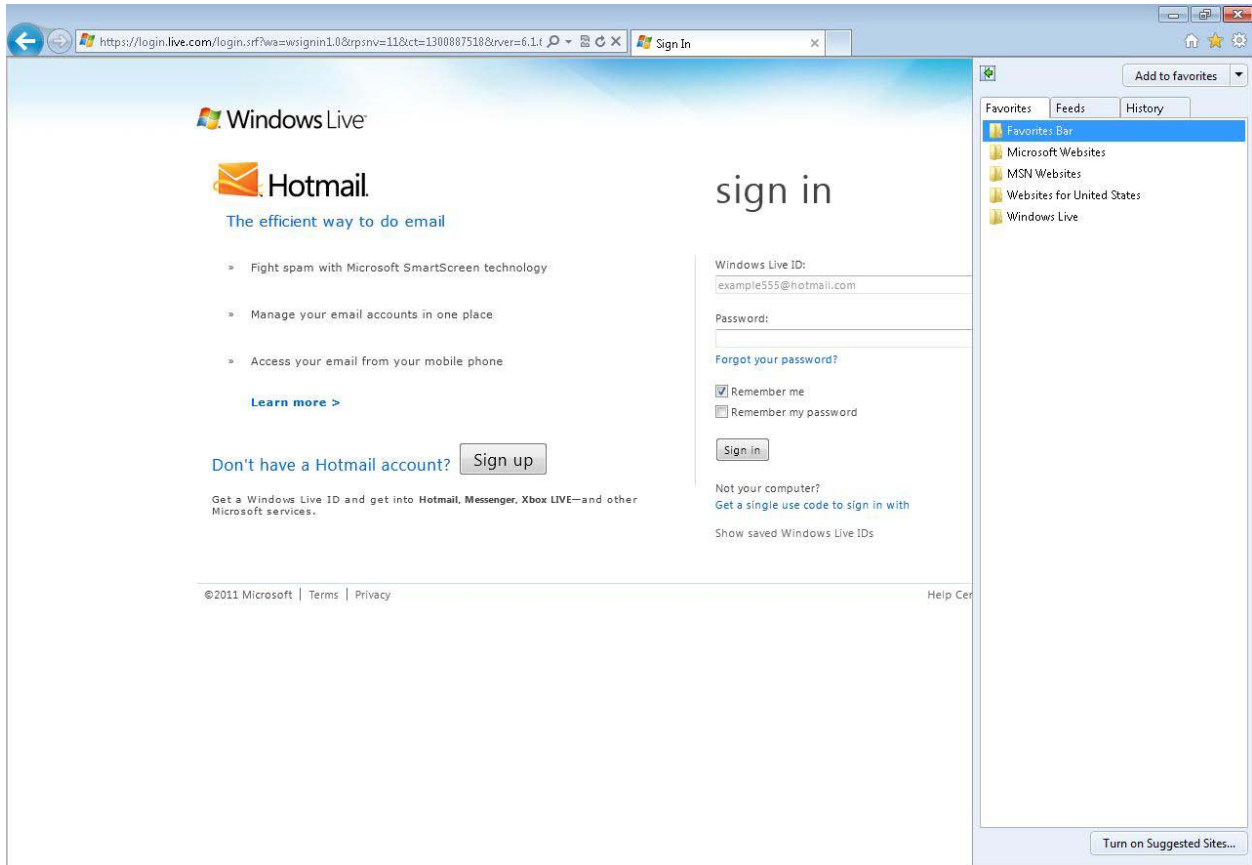
The new look: Highlighted in red is the compatibility view button. It is not available on all websites, but when it is available you will be able to see it there.



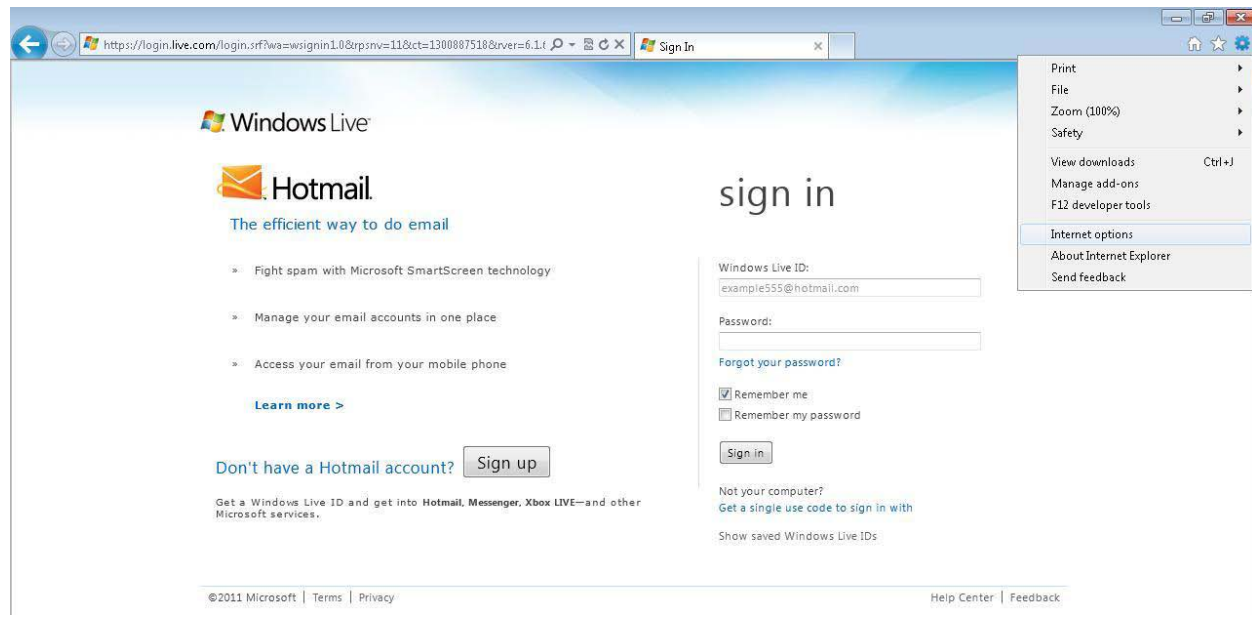
To open a new tab the user can hit (CTRL+T) on the keyboard or by simply clicking on the new tab, just like they would in IE8. The new tab now has a list of all your most popular sites for quicker browsing.



This is the Favorites drop down menu, where all your favorites are saved.



The settings can be changed by clicking the gear in the right top corner.



To add the menu bar “Right Click” on the blue part of the browser and this allows you to add the different browser bars.

