

INTRODUCTION TO WINDOWS 8

AND

WINDOWS 8.1

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SUMMARY

Windows 8 and Windows 8.1 both provide you a new **Start screen** with Windows Store Apps but you can still access the legacy **Desktop** to install and run legacy **Desktop application programs.**

TOPICS

- Legacy **Desktop** User Interface
- New **Start Screen** User Interface In "Windows 8" and "Windows 8.1"
- Free Online Training For **Windows 8** and **Windows 8.1**
- Windows Product Time Line

TOPICS (continued)

- System Requirements For **Windows 8** and **Windows 8.1**
- Differences Between **Windows 8** and **Windows 7**
- Differences Between **Windows 8.1** and **Windows 8**
- Making **Windows 8** And **Windows 8.1** Easier To Use

**LEGACY DESKTOP
USER INTERFACE
ORIGINATED WITH
WINDOWS 95 IN
AUGUST 1995**

Microsoft®



Microsoft
Windows® 95



My Computer



Network
Neighborhood



Inbox



Recycle Bin

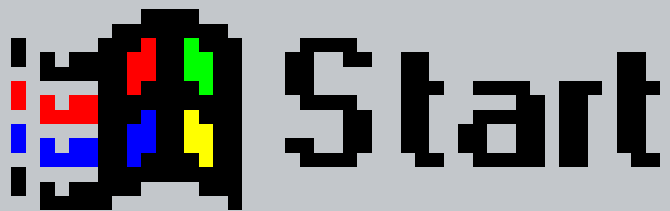


Set Up The
Microsoft
Network



 Start

5:43 PM



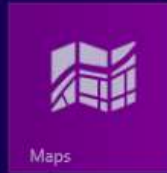
5:43 PM

**START SCREEN
USER INTERFACE IS
NEW IN
WINDOWS 8
AND
WINDOWS 8.1**

Start

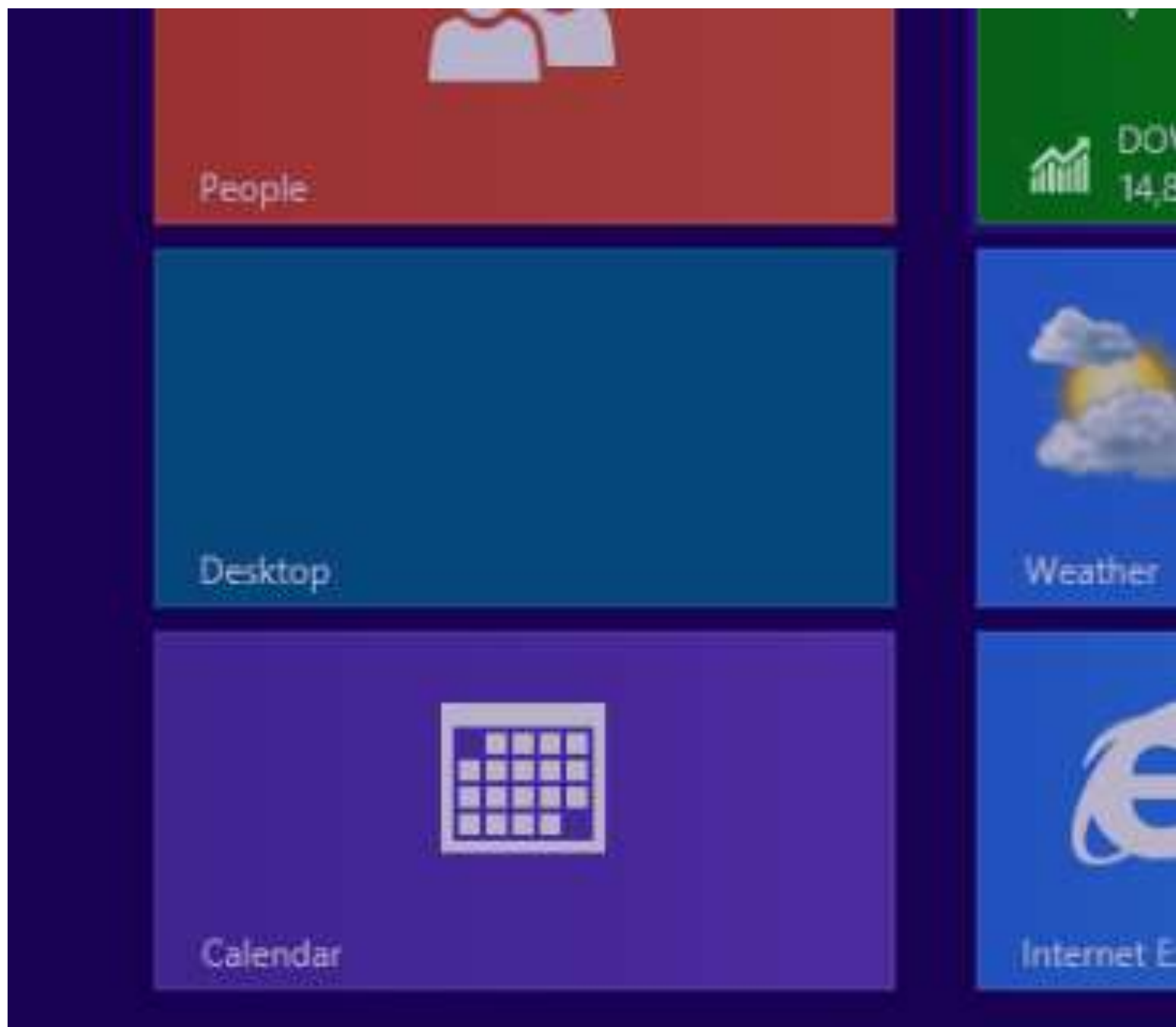
testuser 

Name group



Name group





**DESKTOP IN
WINDOWS 8 IS
MISSING THE
START BUTTON
AND THE
START MENU:**



Recycle Bin



8:40 PM
8/30/2013





8:40 PM
8/30/2013

DESKTOP IN WINDOWS 8.1:



Recycle Bin

Windows 8.1 Pro Preview with Media Center
Evaluation copy. Build 9431



11:16 PM
8/31/2013

Windows 8.1 Pro Preview with Media Center
Evaluation copy. Build 9431



11:16 PM
8/31/2013



FREE ONLINE TRAINING FOR WINDOWS 8 AND WINDOWS 8.1

- See

[http://aztcs.org/meeting
notes/winhardsig/win8/w
in8-training.pdf](http://aztcs.org/meeting_notes/winhardsig/win8/win8-training.pdf)

"WINDOWS.." PRODUCT TIME LINE

- October 17, 2013--General availability of **Windows 8.1** and non-mandatory, free upgrade for existing **Windows 8** computers
- October 17, 2015--Free upgrade to **Windows 8.1** becomes mandatory for existing "Windows 8" computers

"WINDOWS.." PRODUCT TIME LINE (continued)

- January 15, 2014—Both the free **Windows 8.1 Preview** and **Windows 8.1 Enterprise Preview** expire today:
If you have upgraded from existing copy of **Windows 8** to **Windows 8.1 Preview**, you can get a free upgrade to **Windows 8.1**

"WINDOWS.." PRODUCT TIME LINE (continued)

- January 15, 2014
(continued)— All installations of **Windows 8.1 Enterprise Preview** expire today. They cannot be legitimized or upgraded to a permanent copy of **Windows 8.1** expire.

"WINDOWS.." PRODUCT TIME LINE

(continued)

- April 8, 2014—End of Extended Support for **Windows XP**

"WINDOWS.." PRODUCT TIME LINE (continued)

- Spring 2015—General availability of **Windows 8.1** and non-mandatory, free upgrade for existing **Windows 8** computers
- Spring 2017--Free upgrade to **Windows 8.1** becomes mandatory for existing "Windows 8" computers

"WINDOWS.." PRODUCT TIME LINE (continued)

- April 11, 2017—End of Extended Support For **Windows Vista**
- January 14, 2020—End of Extended Support For **Windows 7**
- January 10, 2023—End of Extended Support For **Windows 8.1**

WINDOWS PRODUCT TIME LINE (continued)

- There is no super urgency or justification to upgrade existing "Windows Vista" and "Windows 7" computers up to "Windows 8" or "Windows 8.1".

WINDOWS PRODUCT TIME LINE

(continued)

- There is no rush to upgrade existing **Windows 8** computers to **Windows 8.1** since you can do it for free from October 17, 2013 to October 17, 2015.

SYSTEM REQUIREMENTS FOR WINDOWS 8 AND WINDOWS 8.1

Processor: 1 gigahertz (GHz) or faster

RAM: 1 gigabyte (GB) (32-bit) or 2 GB (64-bit)

Hard disk space: 20 GB

Graphics card: Microsoft DirectX 9 graphics device

**DIFFERENCES
BETWEEN
WINDOWS 8
AND
WINDOWS 7**

DIFFERENCES BETWEEN 8 AND 7 (continued)

- **Start screen** with tiles
- **Windows Store apps** launch from the Start screen
- Legacy **Desktop** launches from a tile on the **Start screen**.
- Loss of the **Start button**.
- Loss of the **Start Menu**.

DIFFERENCES BETWEEN 8 AND 7 (continued)

- Runs about 5 percent to 8 percent faster than Windows 7. It takes:
 - Less than half the time to start up
 - Less than half the time to shut down

DIFFERENCES BETWEEN 8 AND 7 (continued)

- Faster, sharper graphics
and video rendering in
both the Windows
Store apps and legacy
desktop applications.

DIFFERENCES BETWEEN 8 AND 7 (continued)

- Native USB 3 support instead of vendor-supplied drivers for USB 3 adapters/controllers.
- V4 Printer Drivers—faster, smaller, fewer printer drivers

DIFFERENCES BETWEEN 8 AND 7 (continued)

- **Spot Verifier** service checks for hard drive problems in real time and maintains records of hard drive problems to speed up the **Error checking** process for repairing hard drives.

DIFFERENCES BETWEEN 8 AND 7 (continued)

- **File Explorer** is the new name for **Windows Explorer**

DIFFERENCES BETWEEN 8 AND 7 (continued)

- **Windows 7 File Recovery** is the new name for the **Windows Backup and Restore** program that was first available in **Windows 7**.

(**Windows Backup and Restore** is available in **Windows 8** but it has been removed from **Windows 8.1**)

DIFFERENCES BETWEEN 8 AND 7 (continued)

- **Internet Explorer 11** is only version of Internet Explorer that runs in **Windows 8**
- **Internet Explorer 10** and **Internet Explorer 9** both run in **Windows 7**.

DIFFERENCES BETWEEN 8 AND 7 (continued)

- **Windows 8** is the first version of Windows that has a free, bundled, **real-time** antivirus/antimalware program.
- **Windows Defender** is a default part of Windows 8 and Windows 8.1. **Windows Defender** looks like and runs like **Microsoft Security Essentials**.

DIFFERENCES BETWEEN 8 AND 7 (continued)

- In comparison, for **Windows 7, Microsoft Security Essentials** is an optional download from the microsoft.com Web site.

DIFFERENCES BETWEEN 8 AND 7 (continued)

- **"Backup and Restore"**
in "Windows 7"
has been renamed to
**"Windows 7 File
Recovery"**
in "Windows 8".

**DIFFERENCES
BETWEEN
WINDOWS 8.1
AND
WINDOWS 8:**

DIFFERENCES BETWEEN 8.1 AND 8

(continued)

- On the **Start screen** of **Windows 8.1**, there might be are some large-sized tiles:

Start

Francis
Chao 



NFSE@POSITRONR...
NFS-e 000000877804
Prezado Cliente,
 1

Calendar


Photos






Finance
DOW ▼ 14,909.60 -114.89
FTSE 100 ▼ 6,215.47 -27.93
NIKKEI 225 ▲ 13,677.32 +463.77

Internet Explorer


Help & Tips


SkyDrive


Maps


20°
London
Fair
Today
22°/12° Cloudy
Tomorrow
26°/12° Partly Cloudy
Weather

Store
 9

Reading List


Travel


US eyes security


MLB must tread carefully in serving Biogenesis justice


Desktop


US eyes security


Travel


MLB must tread carefully in serving Biogenesis justice




DIFFERENCES BETWEEN 8.1 AND 8 (continued)

- On the **Start screen** of **Windows 8.1**, there might be some **small-sized tiles**:

Start

Francis
Chao



NFSE@POSITRONR...
NFS-e 000000877804
Prezado Cliente,



1



Calendar



Photos




DOW ▼ 14,909.60 -114.89
FTSE 100 ▼ 6,215.47 -27.93
NIKKEI 225 ▲ 13,677.32 +463.77

Finance



Internet Explorer



Help & Tips



SkyDrive



Maps

20°
London
Fair

Today
22°/12° Cloudy

Tomorrow
26°/12° Partly Cloudy

Weather



MLB must tread carefully in serving Biogenesis justice

Desktop



Store

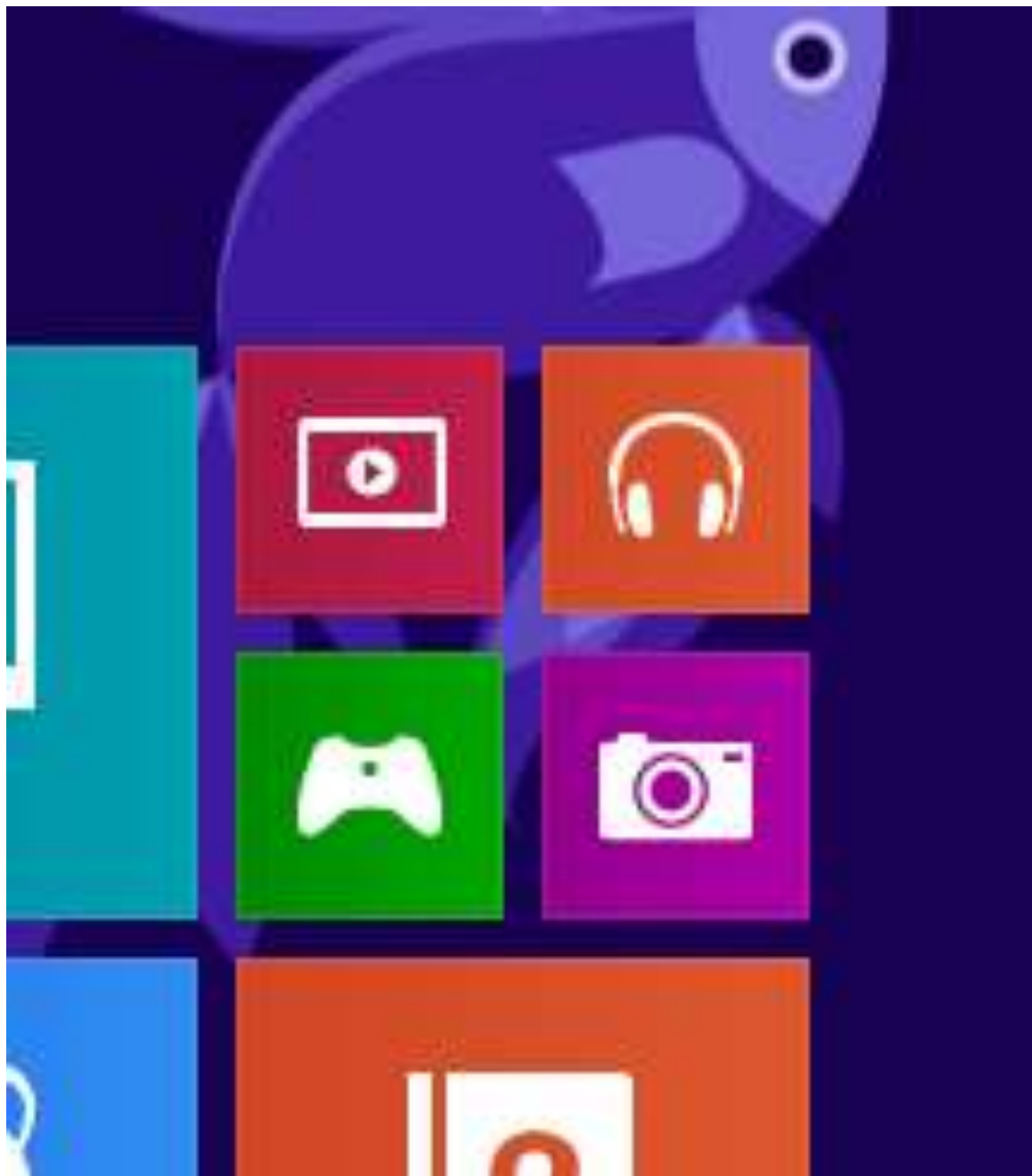
9



US eyes security



Reading List



DIFFERENCES BETWEEN 8.1 AND 8

(continued)

- On the **Start screen** of **Windows 8.1**, you can set the sizes of tiles to: large, wide, medium, and small.
- On the **Start screen** of **Windows 8.0**, you can only set the sizes of tiles to: wide and medium.

DIFFERENCES BETWEEN 8.1 AND 8

(continued)

- In the **Desktop** of **Windows 8.1**, there is a permanent, white **Start button** in the lower-left corner at the left end of the **Taskbar**:



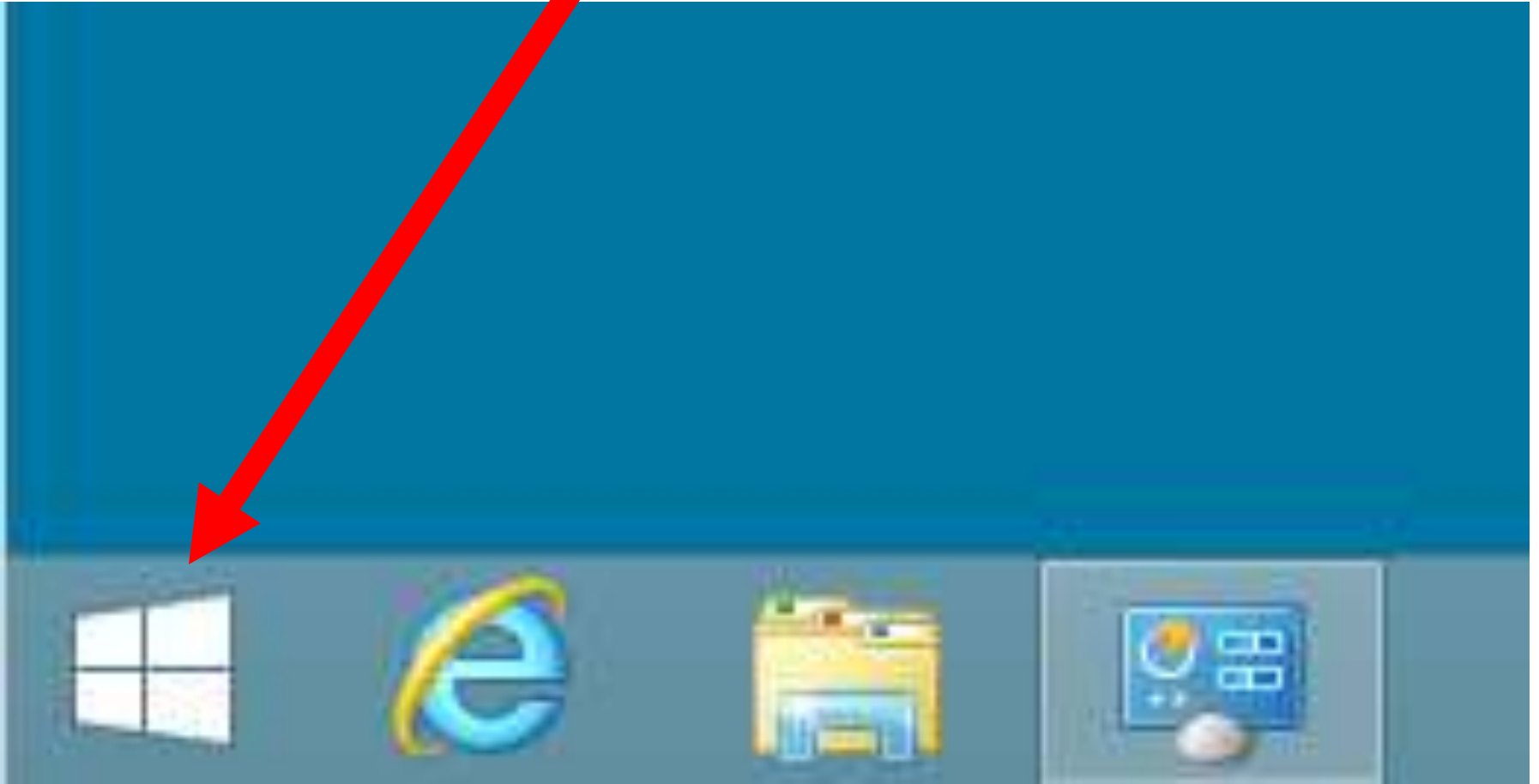
Recycle Bin



Windows 8.1 Pro Preview
Evaluation copy. Build 9431



12:51 PM
6/29/2013



DIFFERENCES BETWEEN 8.1 AND 8

(continued)

- Using the left mouse button to click on this white **Start button** will take you to the "Start screen".
- Using the right mouse button to click on white **Start button** will take you to the "Windows + x" pop-up context menu.

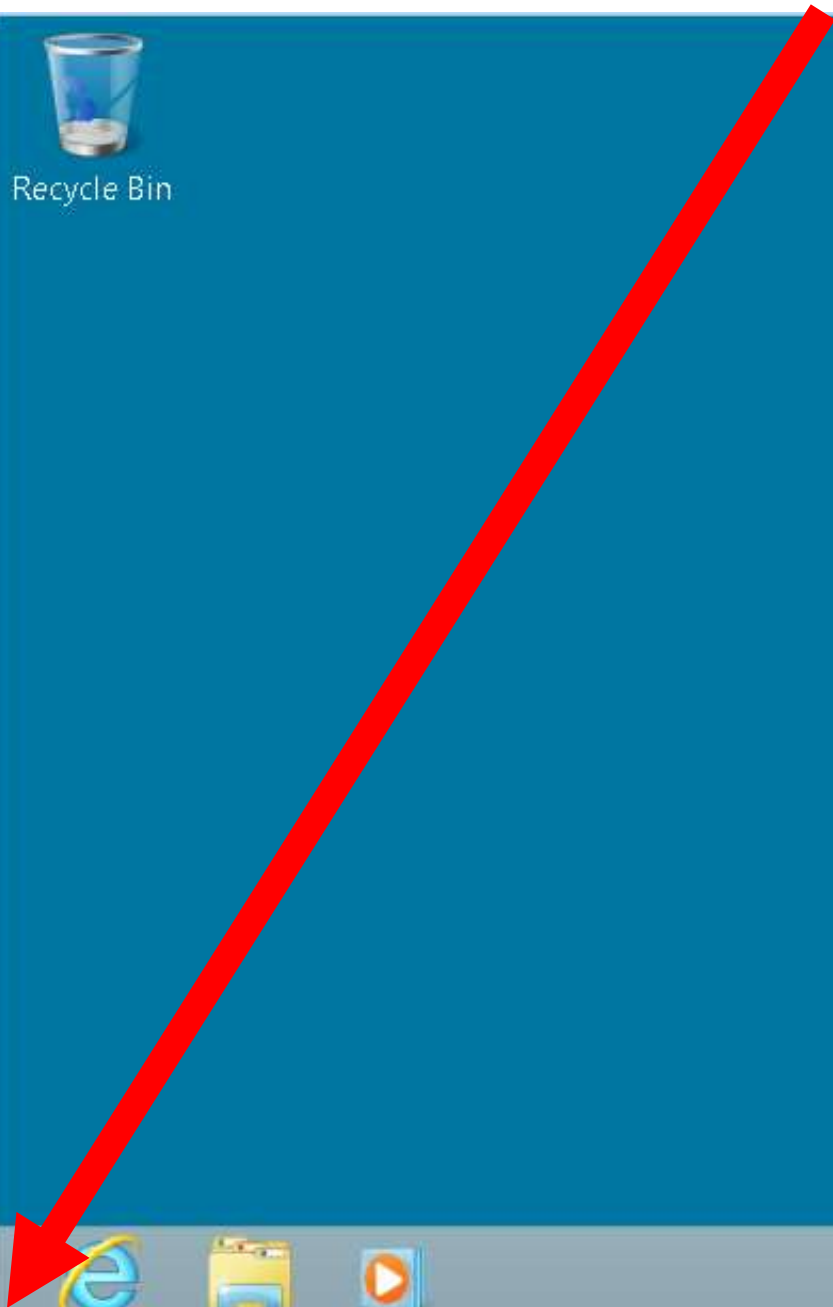
DIFFERENCES BETWEEN 8.1 AND 8

(continued)

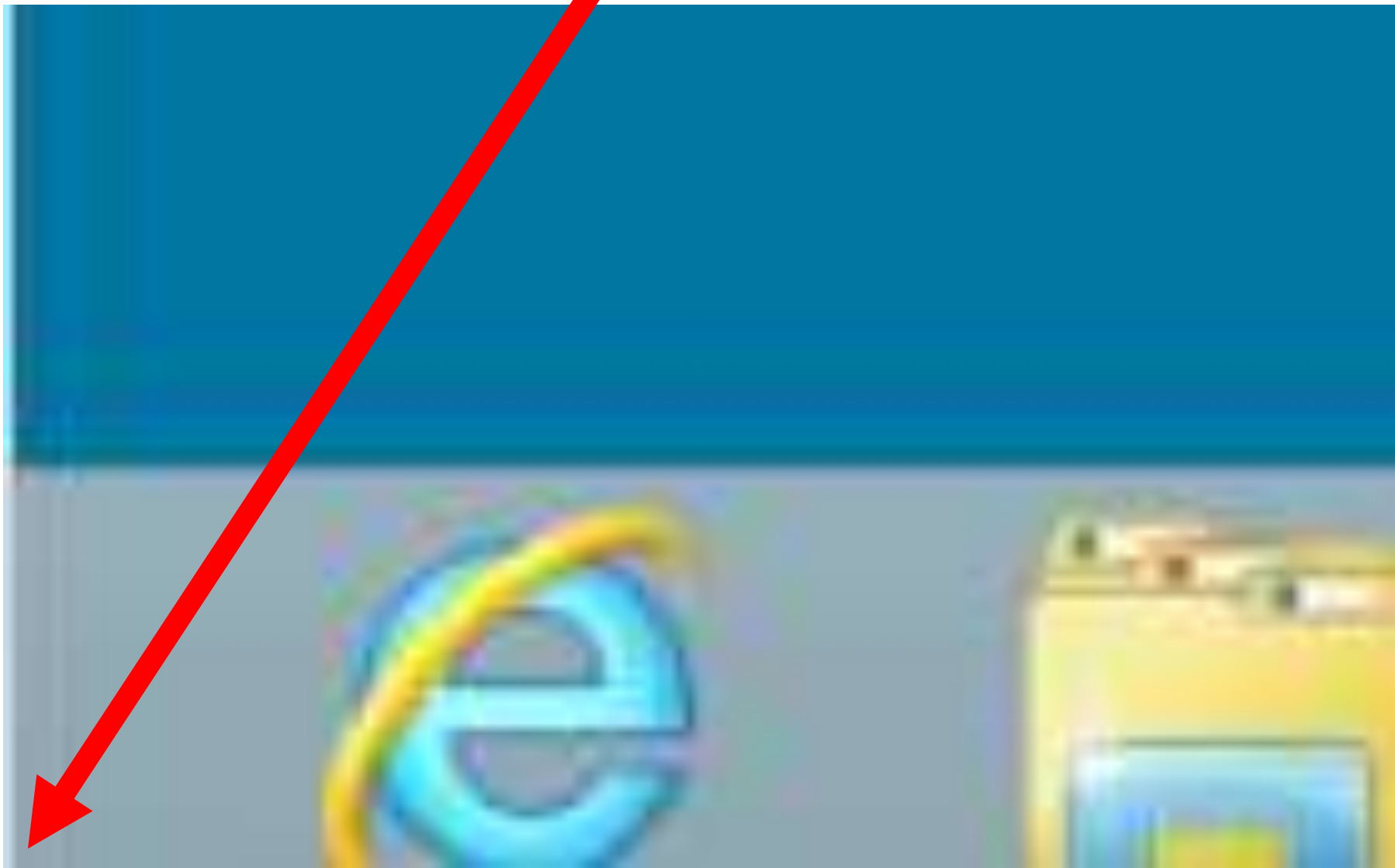
- In the **Desktop** of **Windows 8**, there is an invisible "zero pixel button" in the lower-left corner at the left end of the Taskbar:



Recycle Bin



6:56 PM
12/31/2013



DIFFERENCES BETWEEN 8.1 AND 8

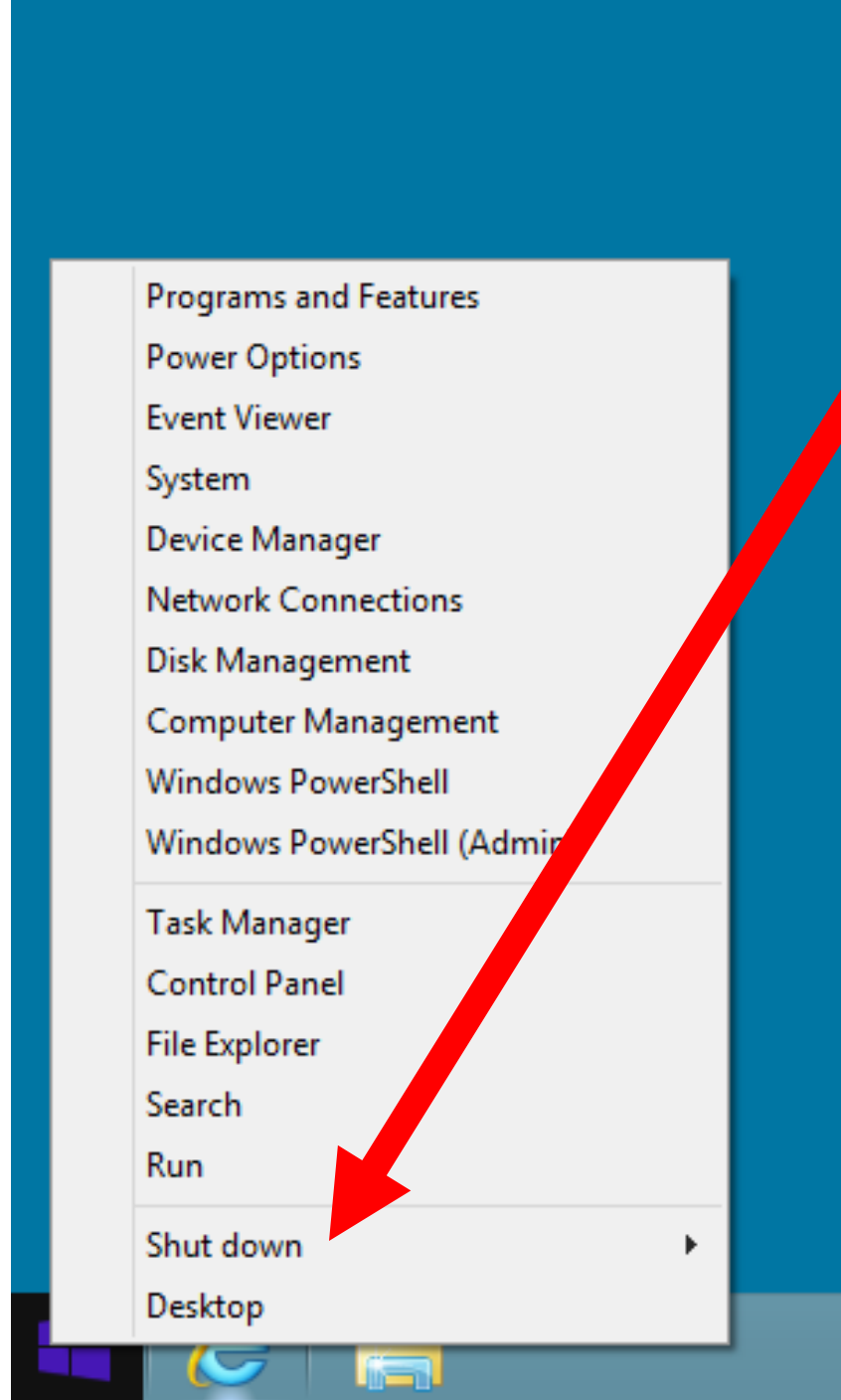
(continued)

- Using the left mouse button to click on this invisible **Start button** will take you to the "Start screen".
- Using the right mouse button to click on white **Start button** will take you to the "Windows + x" pop-up context menu.

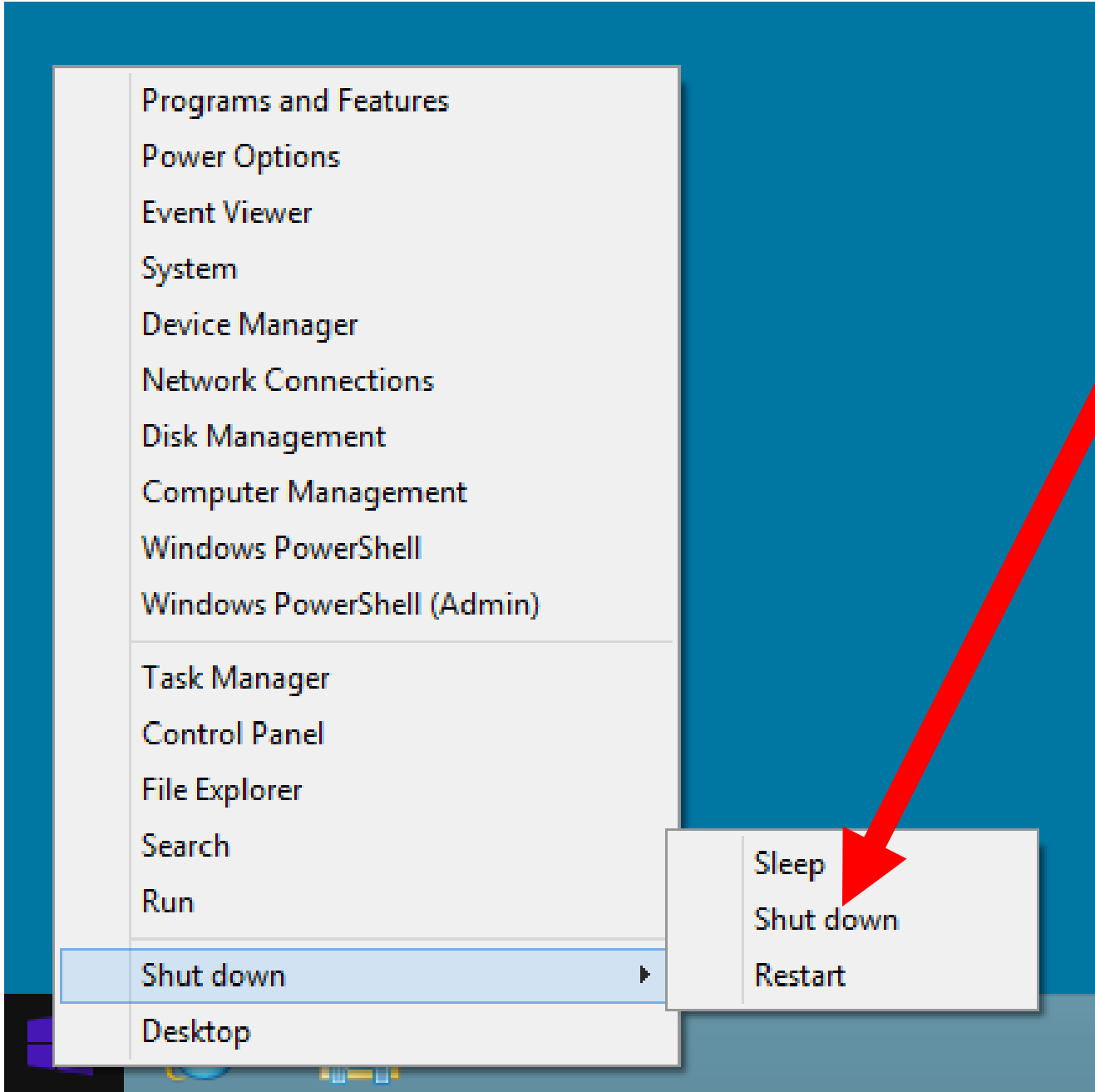
DIFFERENCES BETWEEN 8.1 AND 8

(continued)

- In **Windows 8.1**, you can shut down the computer by using the right mouse button to click on the **Start button**:



- Programs and Features
- Power Options
- Event Viewer
- System
- Device Manager
- Network Connections
- Disk Management
- Computer Management
- Windows PowerShell
- Windows PowerShell (Admin)
- Task Manager
- Control Panel
- File Explorer
- Search
- Run
- Shut down
- Desktop



DIFFERENCES BETWEEN 8.1 AND 8

(continued)

- In **Windows 8**, the default procedure for shutting down the computer is to hover over the upper-right or lower-right Hot Corner or Windows key+c, Charms bar, Settings charm, Power icon, etc.

DIFFERENCES BETWEEN 8.1 AND 8

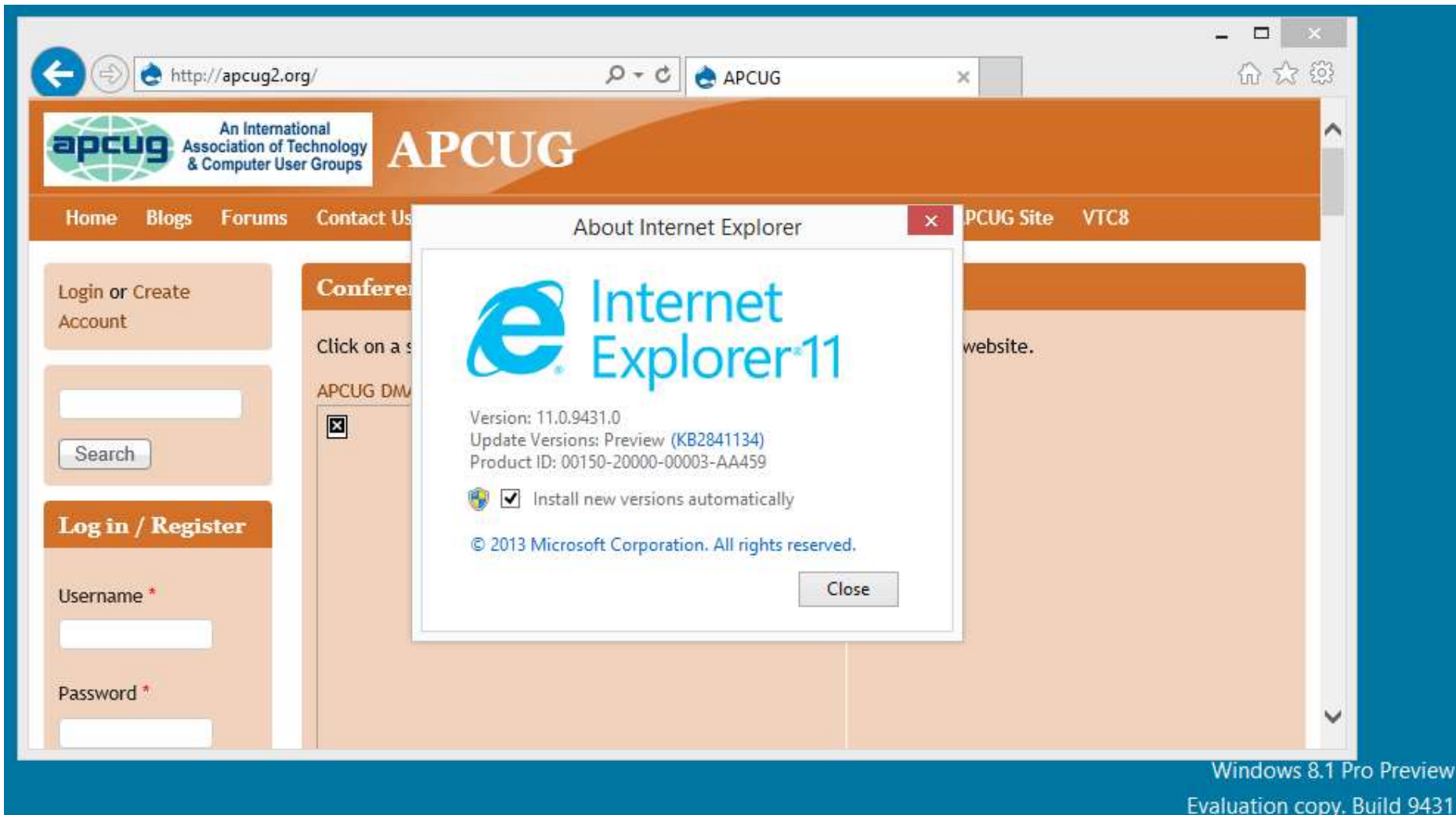
(continued)

- **Windows 7 File Recovery** in **Windows 8** has been renamed to **System Image Backup** in **Windows 8.1**

DIFFERENCES BETWEEN 8.1 AND 8

(continued)

- **Windows 8.1** only has **Internet Explorer 11** while **Windows 8** only has **Internet Explorer 10.**



About Internet Explorer



Internet Explorer®11

Version: 11.0.9431.0

Update Versions: Preview (KB2841134)

Product ID: 00150-20000-00003-AA459



Install new versions automatically

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Close

DIFFERENCES BETWEEN 8.1 AND 8

See also: (continued)

- <http://www.itpro.co.uk/mobile/20091/windows-81-vs-windows-8-top-10-upgrades>
- <http://www.extremetech.com/computing/159803-windows-8-1-a-complete-list-of-changes-and-new-features>

DIFFERENCES BETWEEN 8.1 AND 8 (continued)

- <http://technet.microsoft.com/en-us/windows/dn140266.aspx>
- <http://www.techradar.com/us/news/software/operating-systems/windows-blue-update-to-build-on-and-improve-windows-8-1131737>

**MAKING
WINDOWS 8
AND
WINDOWS 8.1
EASIER TO USE**

MAKING WINDOWS 8 AND 8.1 EASIER TO USE

- Installing or starting

Windows 8

so that it creates a local user account and does not require a Microsoft account. See

http://aztcs.org/meeting_notes/winhardsig/win8/win8-installinglocal.pdf

MAKING WINDOWS 8 AND 8.1 EASIER TO USE (continued)

- Installing or starting **Windows 8.1** so that it creates a local user account" and does not require a Microsoft account. See <http://www.infobyte.hr/blog/337/windows-8-1-preview-how-to-install-without-microsoft-account-skip-microsoft-account/>

MAKING WINDOWS 8 AND 8.1 EASIER TO USE (continued)

- Making the legacy Desktop of
Windows 8

Easier to Use

See

http://aztcs.org/meeting_notes/winhardsig/win8/win8-makingDesktopuseful.pdf

MAKING WINDOWS 8 AND 8.1

EASIER TO USE (continued)

- Making the legacy Desktop of

Windows 8.1

Easier to Use

See

http://aztcs.org/meeting_notes/winhardsig/win8.1/win8.1-makingDesktopuseful.pdf

MAKING WINDOWS 8 AND 8.1 EASIER TO USE (continued)

- Our **Windows 8 Care Package** contains useful shortcuts and hacks that make **Windows 8** and **8.1** easier to use. You can download it from http://aztcs.org/meeting_notes/winhardsig/win8/CarePackage/CarePackageforWindows8-2013-01-22.zip



Opening

http://aztcs.org/meeting_notes/winhardsig/win8/CarePackage/CarePackageforWindows8-2013-01-22.zip

Some files can contain viruses or otherwise be harmful to your computer.

It is important to be certain that this file is from a trustworthy source.

Would you like to open this file?

OK

Cancel

Internet Explorer

What do you want to do with
CarePackageforWindows8-2013-01-22.zip?

Size: 325 KB

From: aztcs.org



Open

The file won't be saved automatically.



Save



Save as



Save As



← → ↑ 📁 Francis Chao ▸ Downloads ↕ 🔍 Search Downloads 🔍

Organize ▾ New folder

- ★ Favorites
 - Desktop
 - Downloads
 - Recent places
 - Recorded TV
- SkyDrive
- This PC
 - Desktop
 - Documents
 - Downloads

Name	Date modified	Type
No items match your search.		

File name: CarePackageforWindows8-2013-01-22.zip

Save as type: Compressed (zipped) Folder (*.zip)

Hide Folders

Save Cancel

View and track your downloads

Name	Location	Actions
CarePackagefor....zip aztcs.org	325 KB Desktop	<input type="button" value="Open"/> ▾

iexplore.exe - Shortcut	Shortcut
Immersive Control Panel	Shortcut
Magnify.exe - Shortcut	Shortcut
notepad.exe - Shortcut	Shortcut
Program Files - Shortcut	Shortcut
Program Files (x86) - Shortcut	Shortcut
Programs - Shortcut	Shortcut
Recycle Bin - Shortcut	Shortcut
Restart	Shortcut
Send Desktop.exe	Application
services	Shortcut
Shutdown	Shortcut

MAKING WINDOWS 8 AND 8.1 EASIER TO USE (continued)

- For most Windows 8 and Windows 8.1 computer users, the free **VLC Media Player** is a great alternative to "Windows Media Center"

To download and install VLC Media Player, use your Web browser to go to

<http://www.videolan.org/vlc/index.html>

MAKING WINDOWS 8 AND 8.1 EASIER TO USE (continued)

- To get familiar with Windows 8.1, you can download and run the free, time-limited **Windows 8.1 Enterprise Evaluation.**