

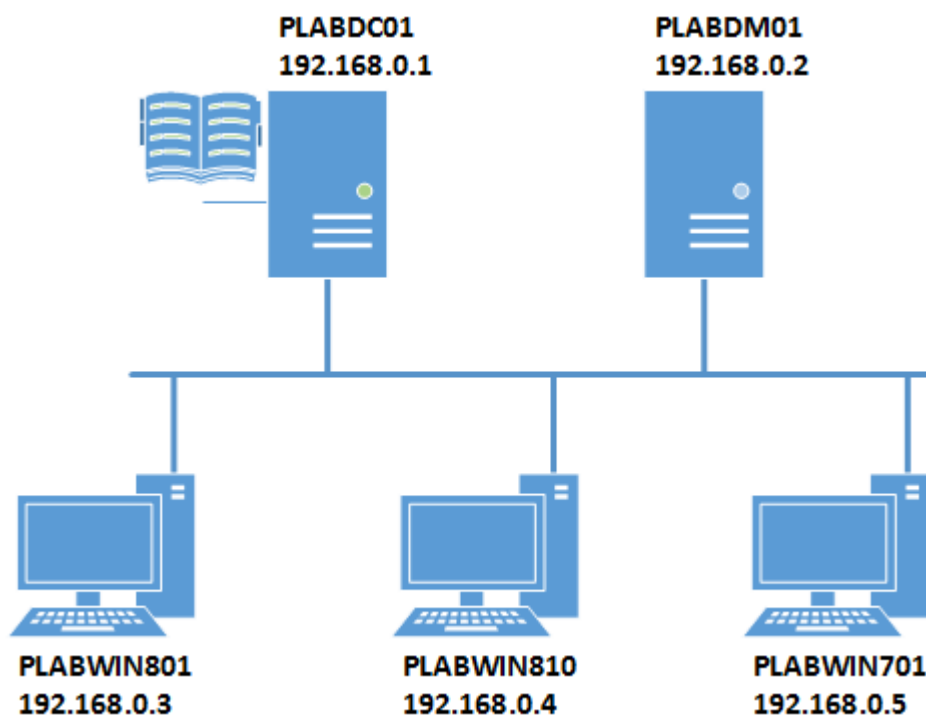
Introduction

The **Managing and Maintaining Windows 8** module provides you with the instruction and Server hardware to develop your hands on skills. This module includes the following exercises:

- 1) User profiles
- 2) Windows Easy Transfer
- 3) User State Migration Tool
- 4) Folder Redirection
- 5) Implementing User Environment Virtualization (UE-V)

Lab Diagram

During your session you will have access to the following lab configuration.



Connecting to your lab

In this module you will be working on the following equipment to carry out the steps defined in each exercise.

- PLABDC01
- PLABDM01
- PLABWIN801

- PLABWIN810
- PLABWIN701

Each exercise will detail which console you are required to work on.

To start simply click on the named Server from the device list (located on the left hand side of the screen) and click the **Power on** from the in tools bar. In some cases the devices may power on automatically.

During the boot up process an activity indicator will be displayed in the name tab:

- Black - Powered Off
- Orange - Working on your request
- Green - Ready to access

If the remote console is not displayed automatically in the main window (or popup) click the **Connect** icon located in the tools bar to start your session.

If the remote console does not appear please try the following option:

- Switch between the HTML 5 and Java client versions in the tools bar.

In the event this does not resolve your connectivity problems please visit our [Help / Support](#) pages for additional resolution options.

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Exercise 1 – User Profiles

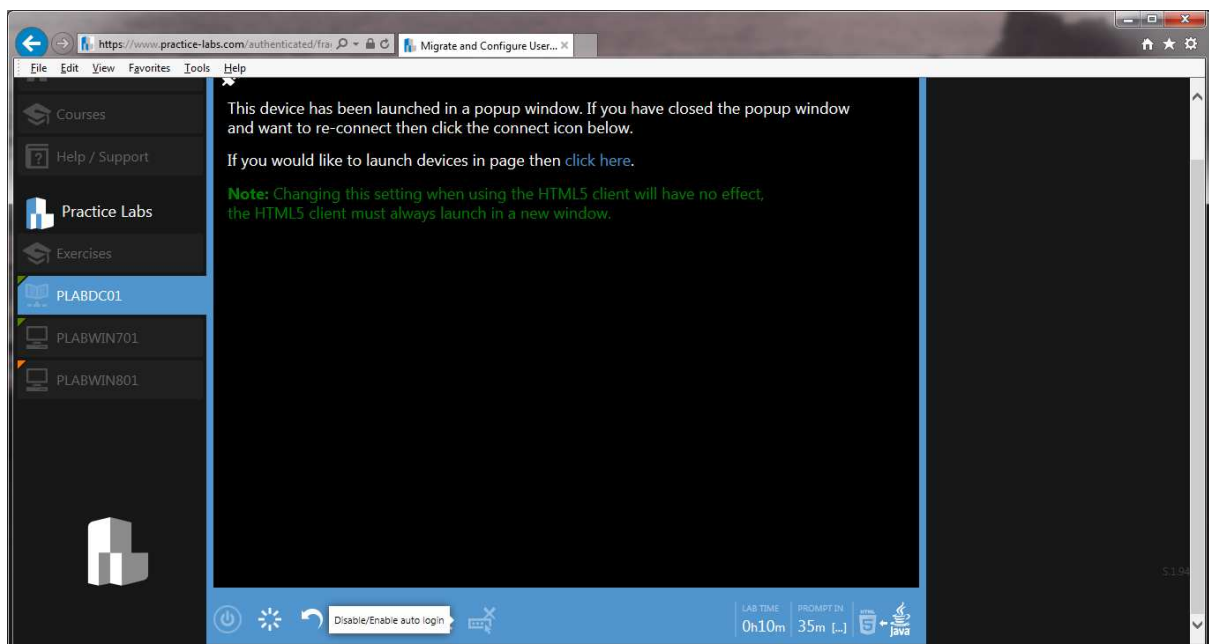
In this exercise, you will configure user profiles for users in a Windows Active Directory domain.

Please refer to your course material or use your preferred search engine to research for more information about this topic.

Task 1: Configure and View User Profile types

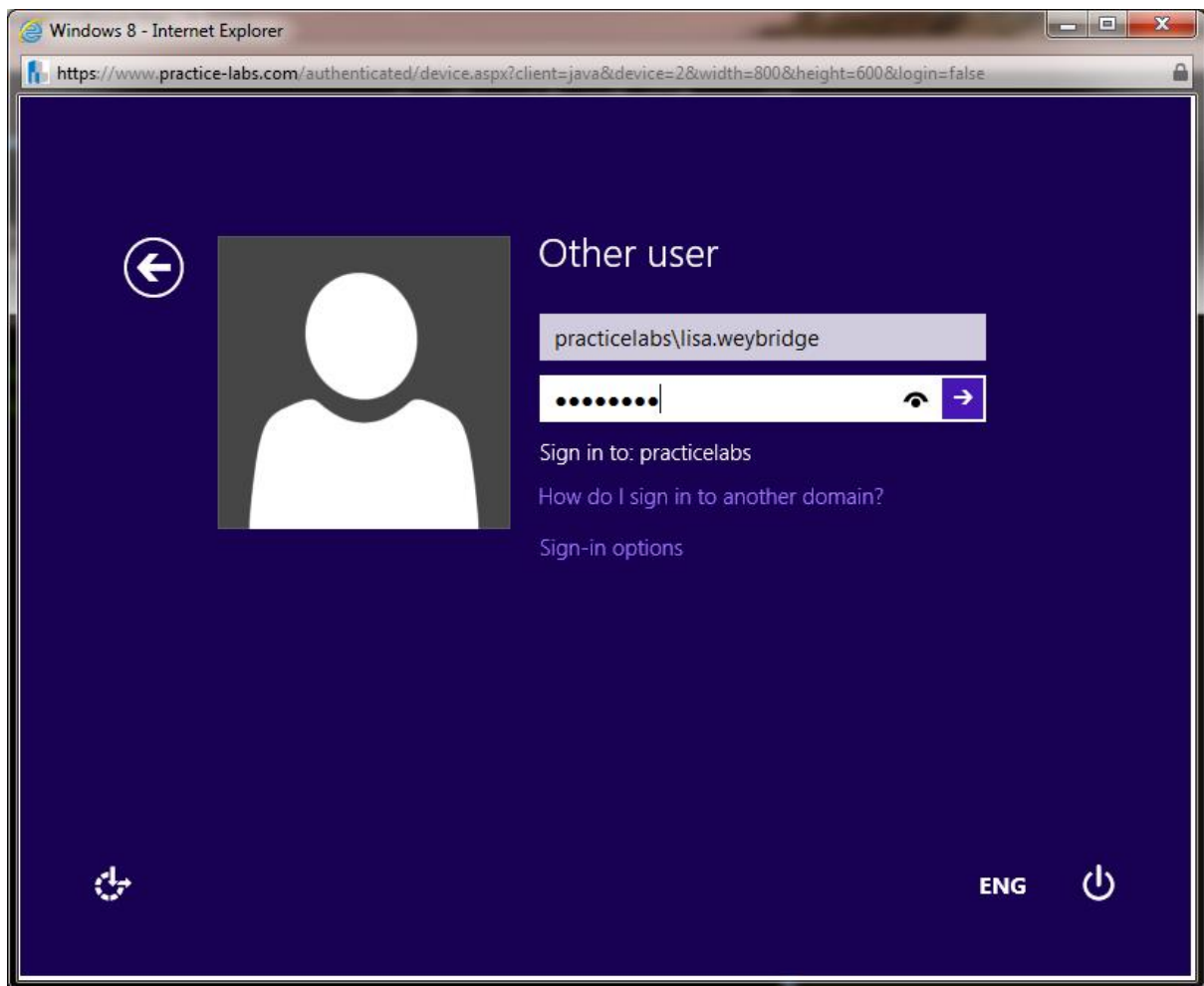
Step 1

Go to Practice Labs web application and select one of the running virtual machines (with green light indicator). Click **Disable/Enable auto login**.



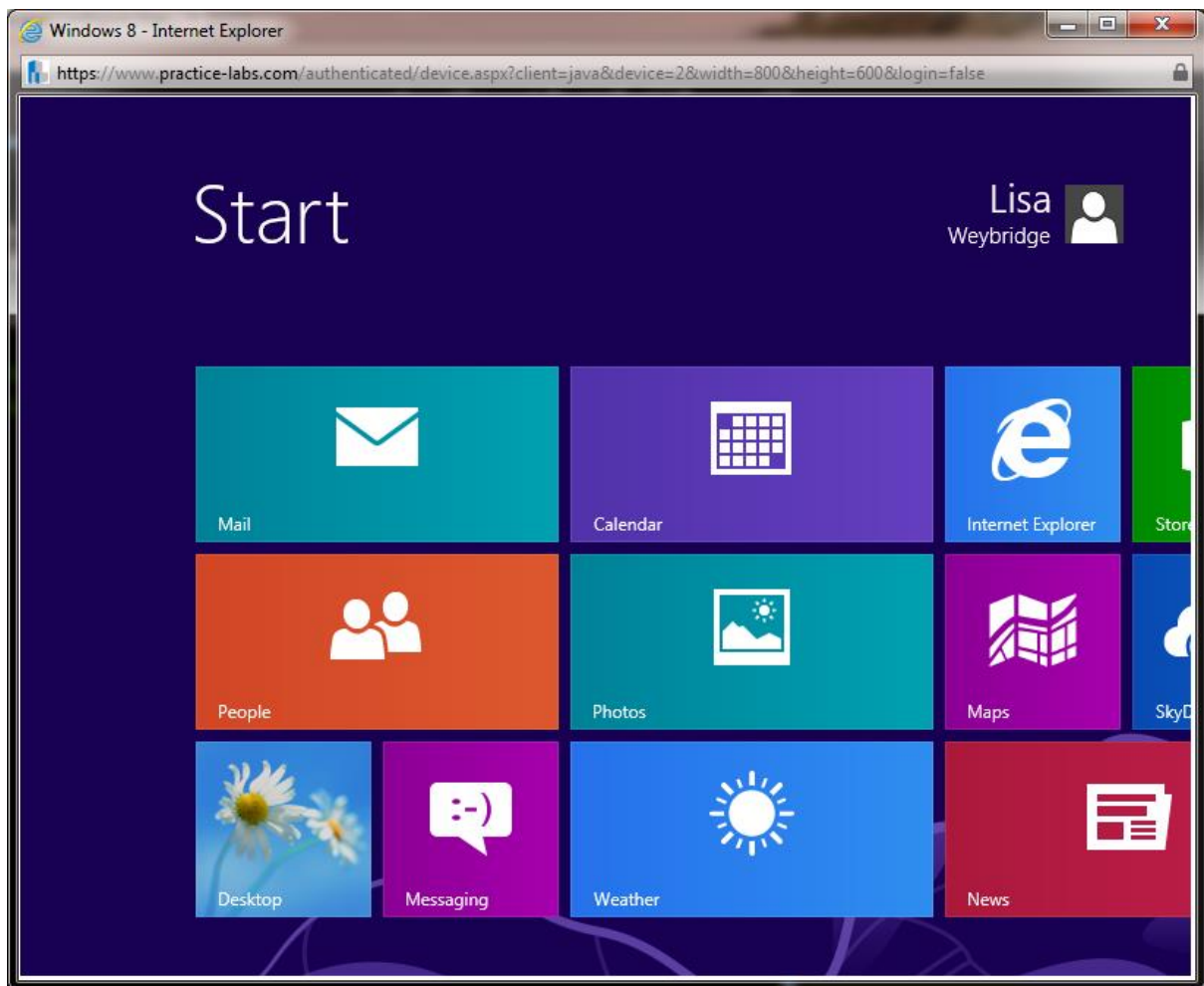
Step 2

Connect to **PLABWIN810** and sign in as **practicelabs\lisa.veybridge**, password is **Passw0rd**. Press **Enter**.



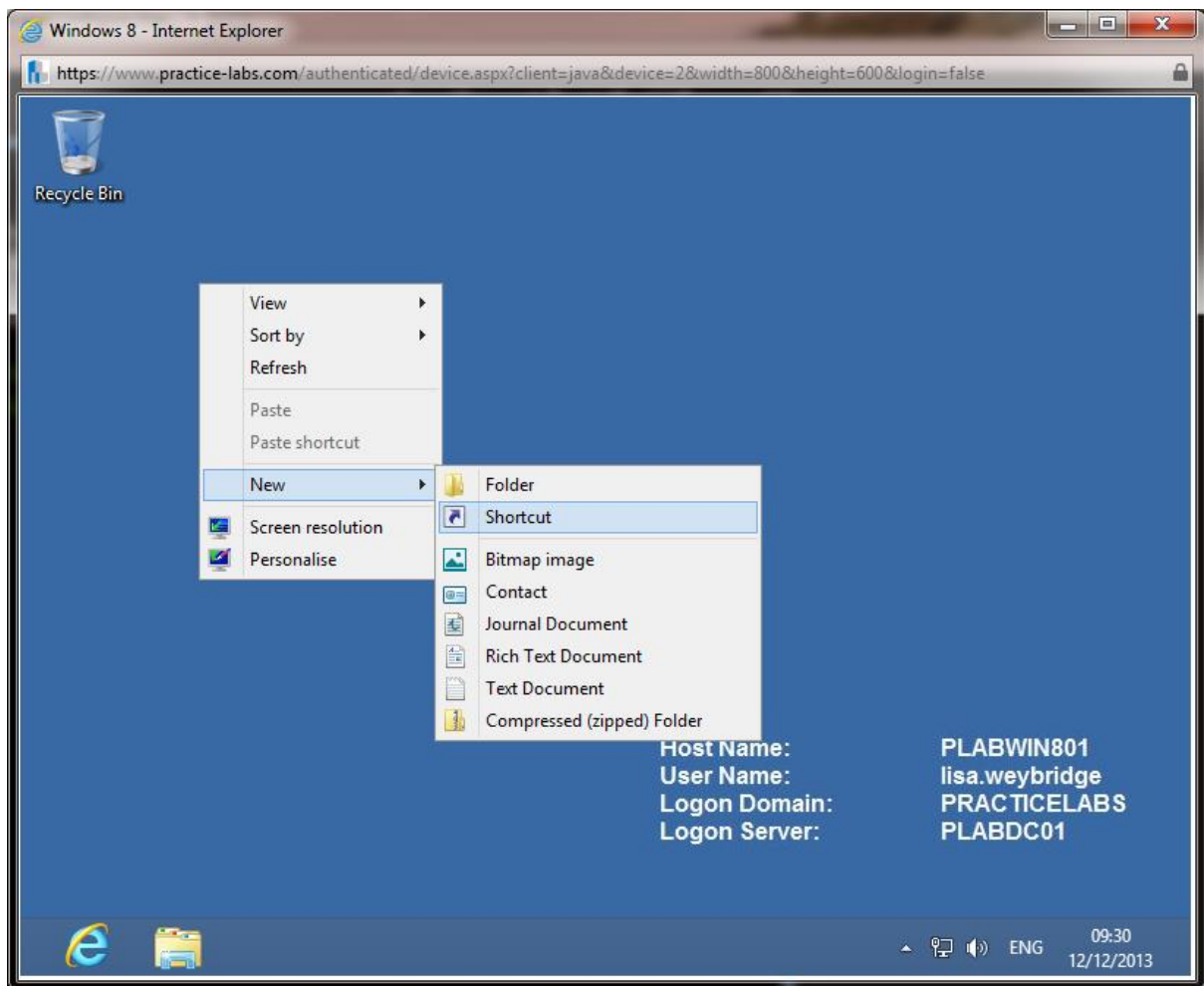
Step 3

From **Start** screen, click **Desktop** tile.



Step 4

Right-click on **Desktop** and choose **New > Shortcut**.

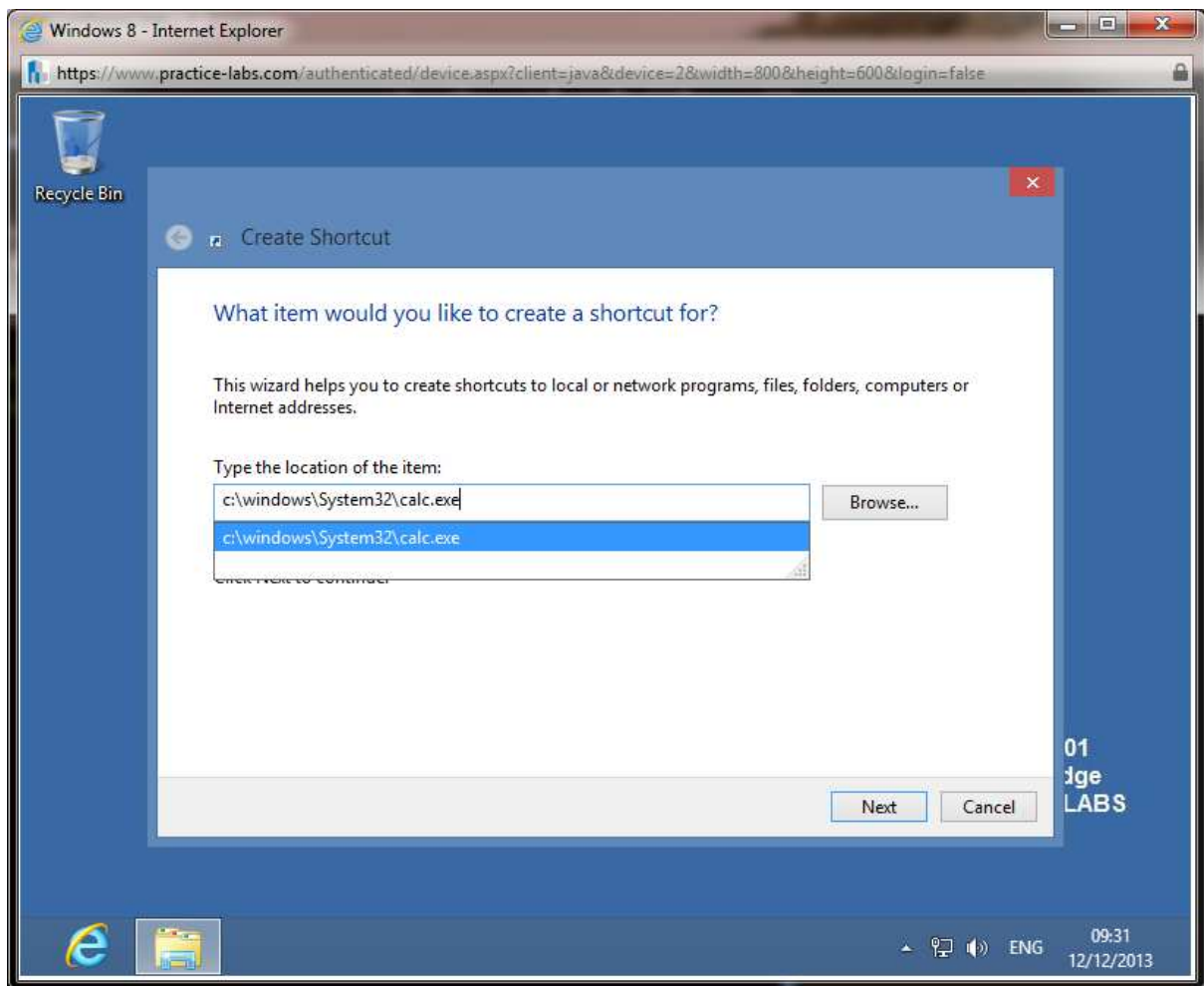


Step 5

On **What** item would you like to create a shortcut for? Type inside the box

C:\windows\system32\calc.exe

Click **Next**.

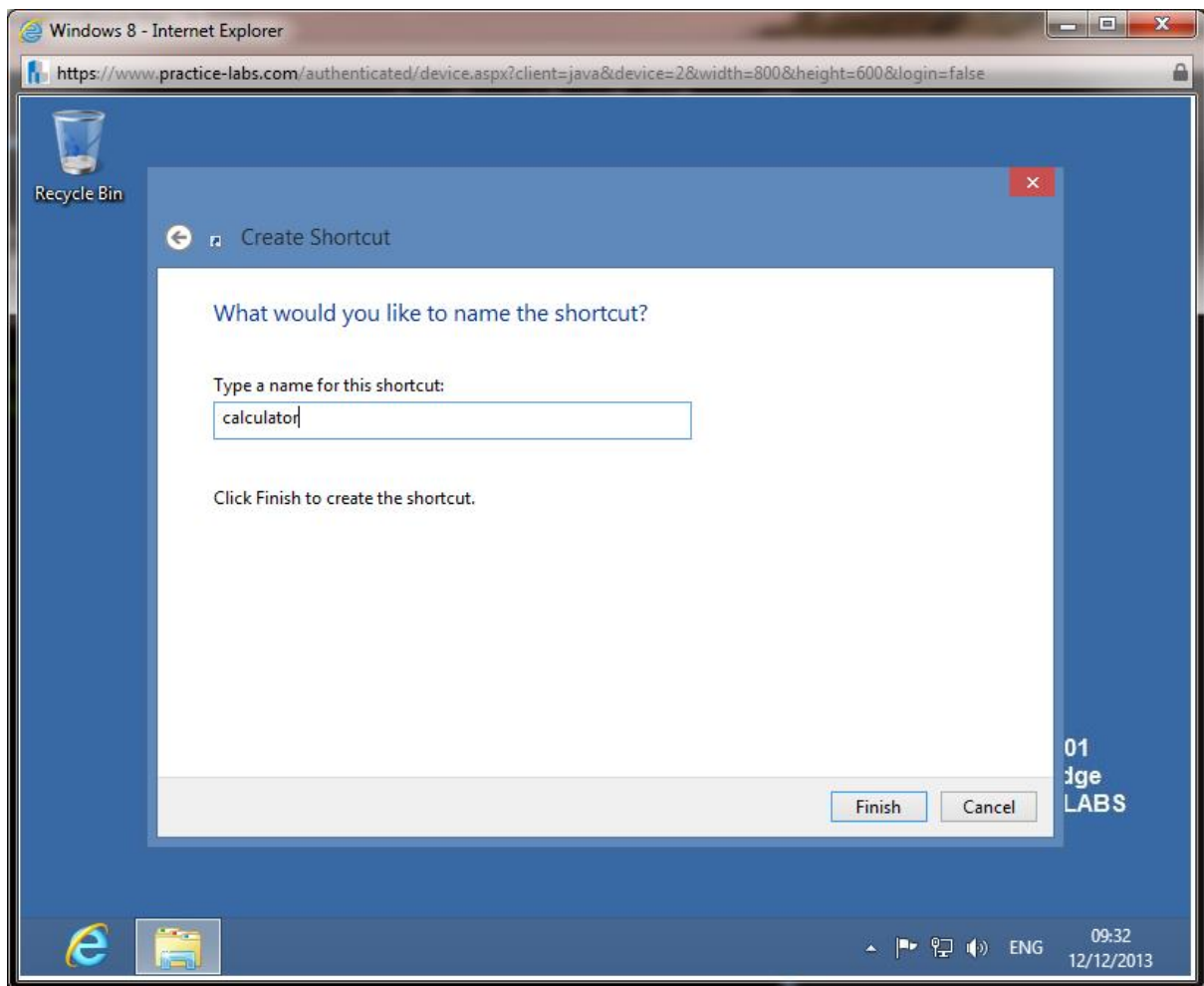


Step 6

From **What would like to name the shortcut?** Type

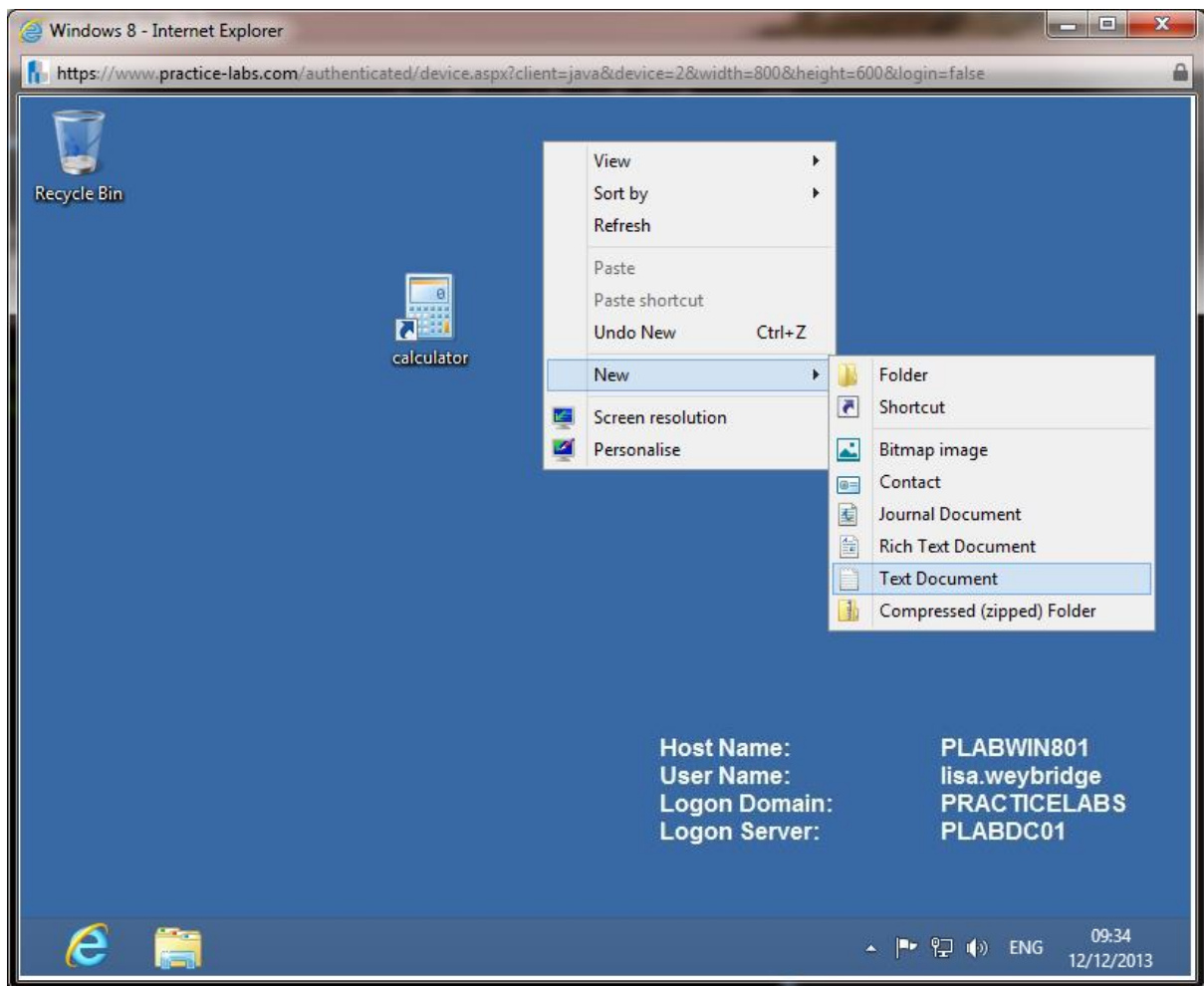
Calculator

Press **Enter**.



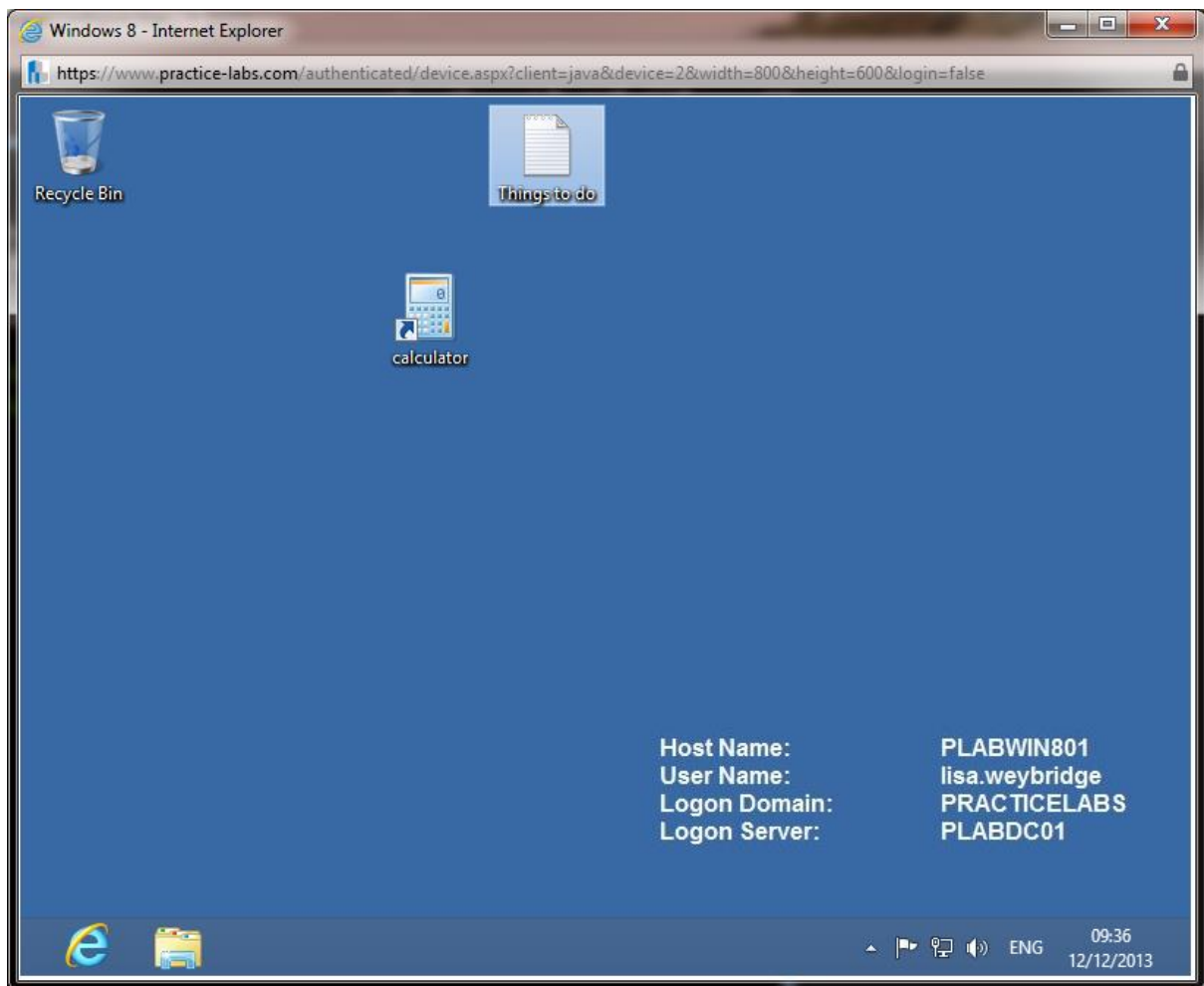
Step 7

Right-click again on desktop and choose **New > Text Document**.



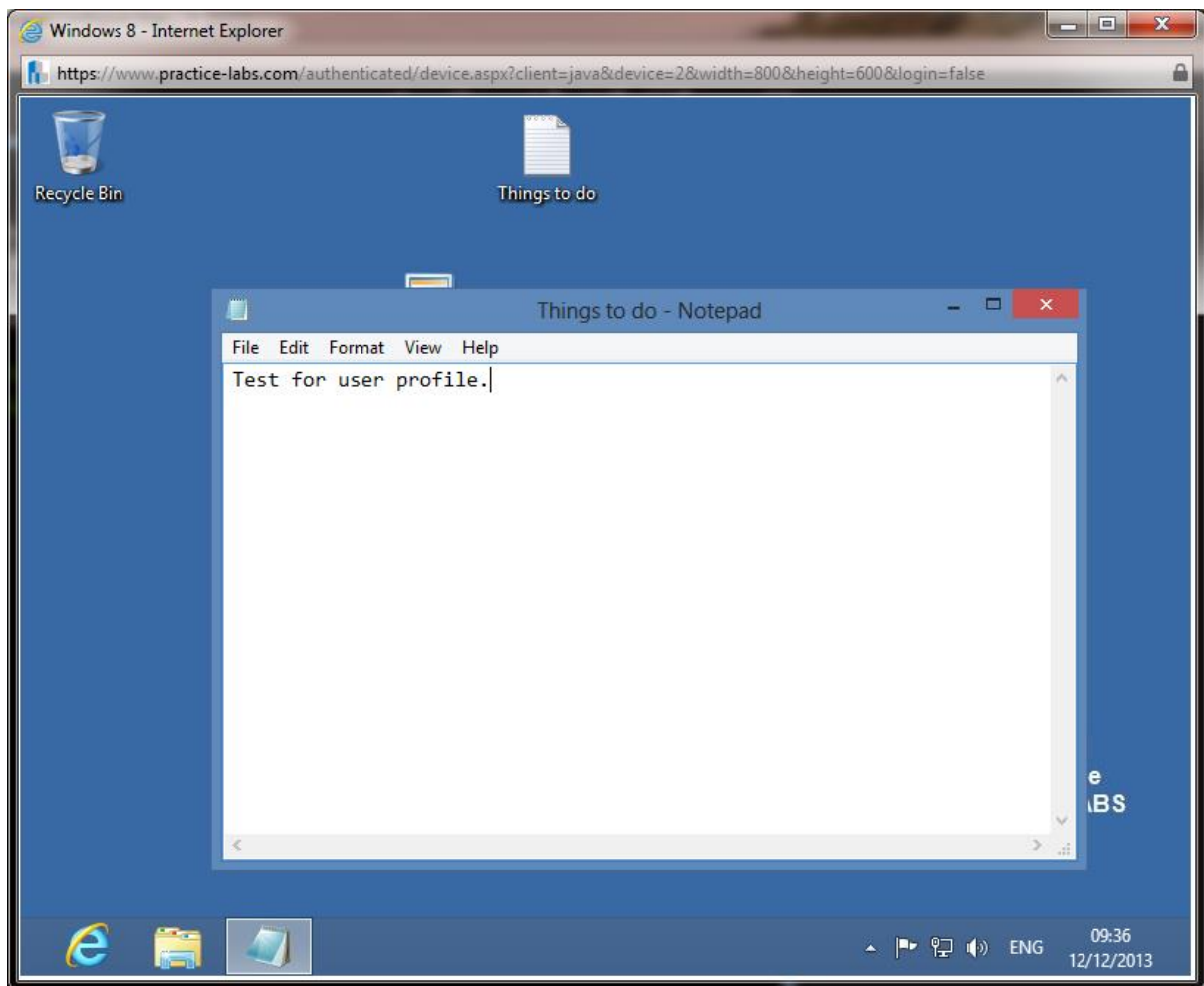
Step 8

Rename the text document as **Things to do**.



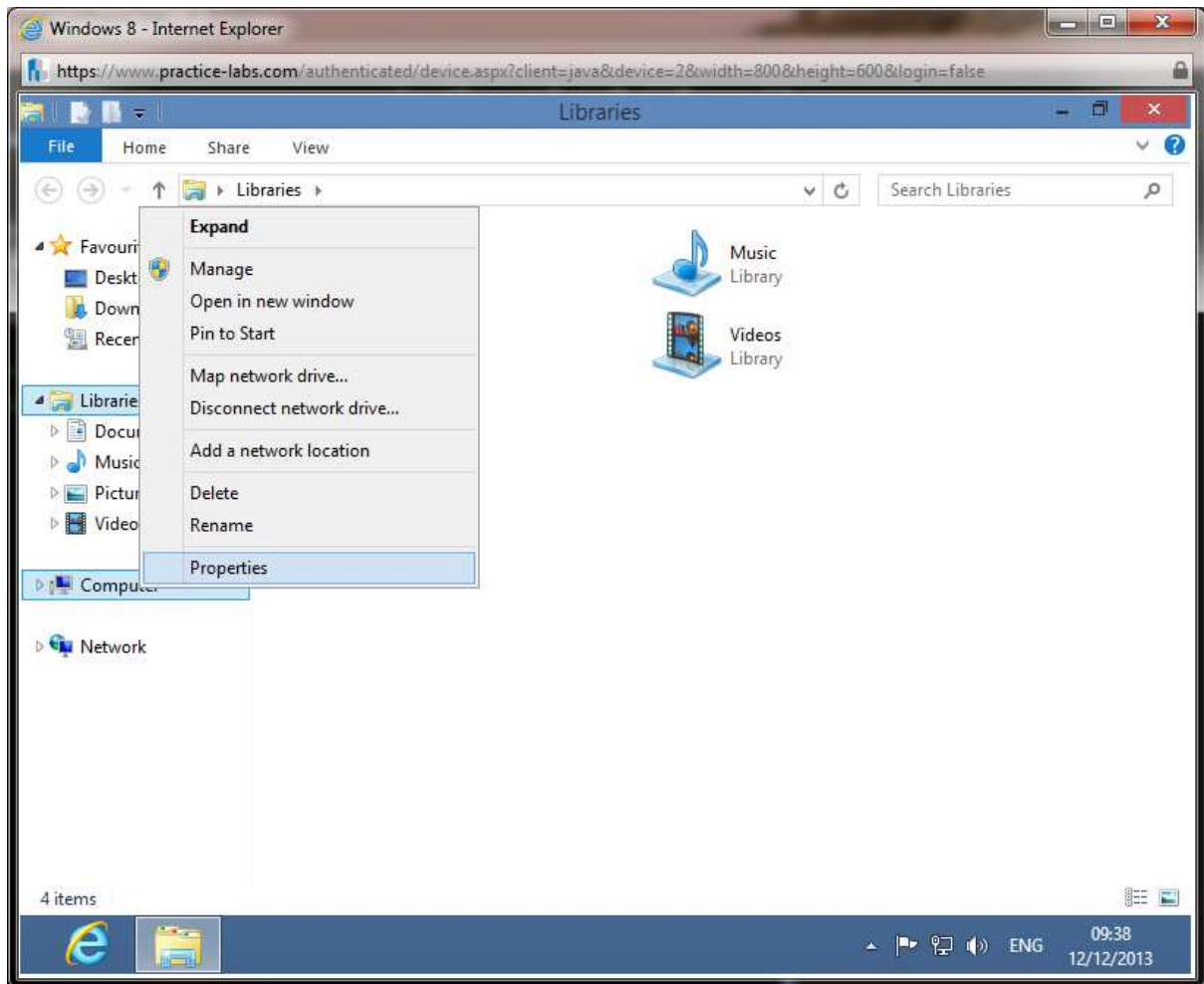
Step 9

Open **Things to do** text document. Type a one-liner message and save the file. Click **File Explorer** icon on taskbar.



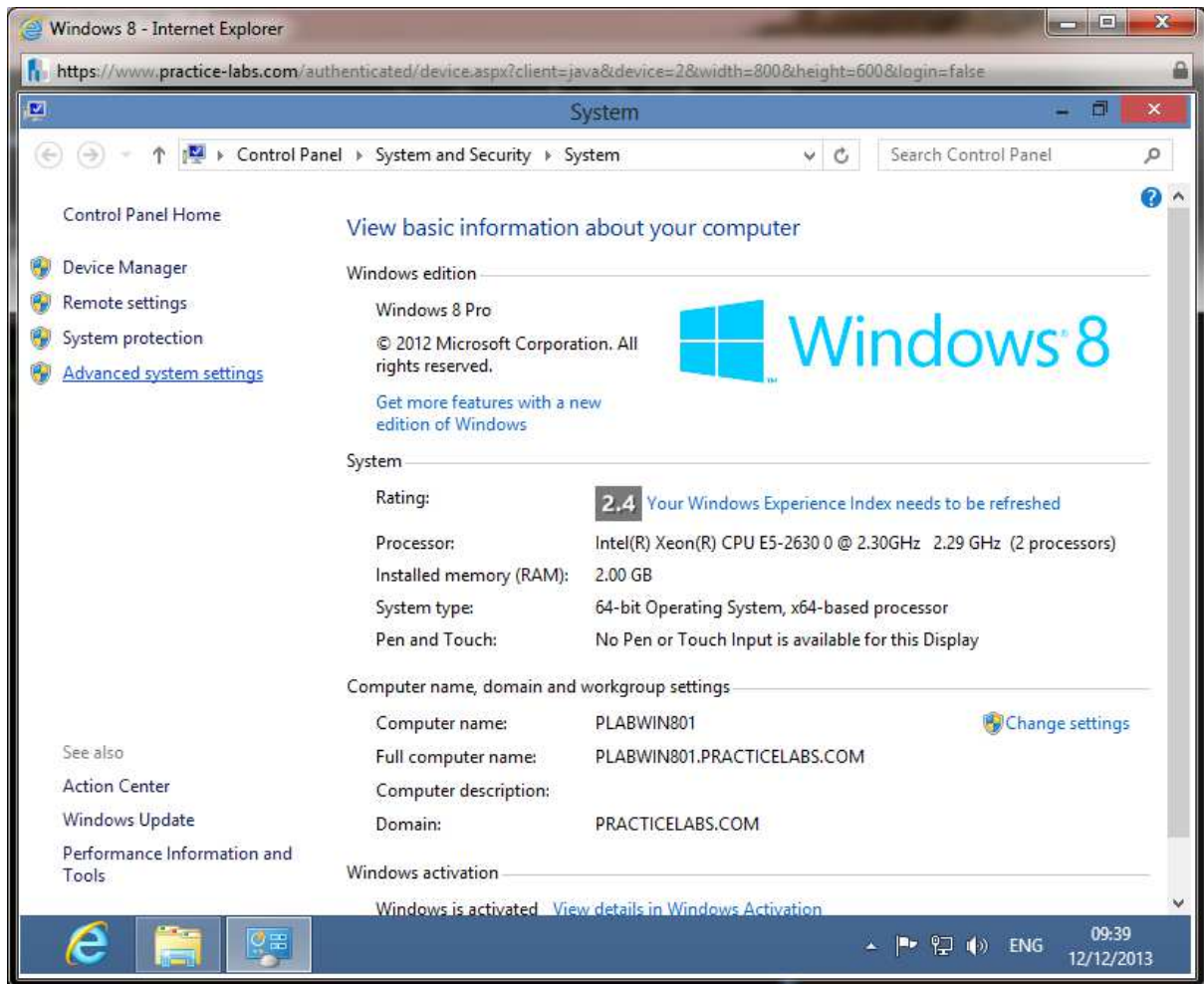
Step 10

Right-click on **Computer** and choose **Properties**.



Step 11

Click **Advanced System Settings**.



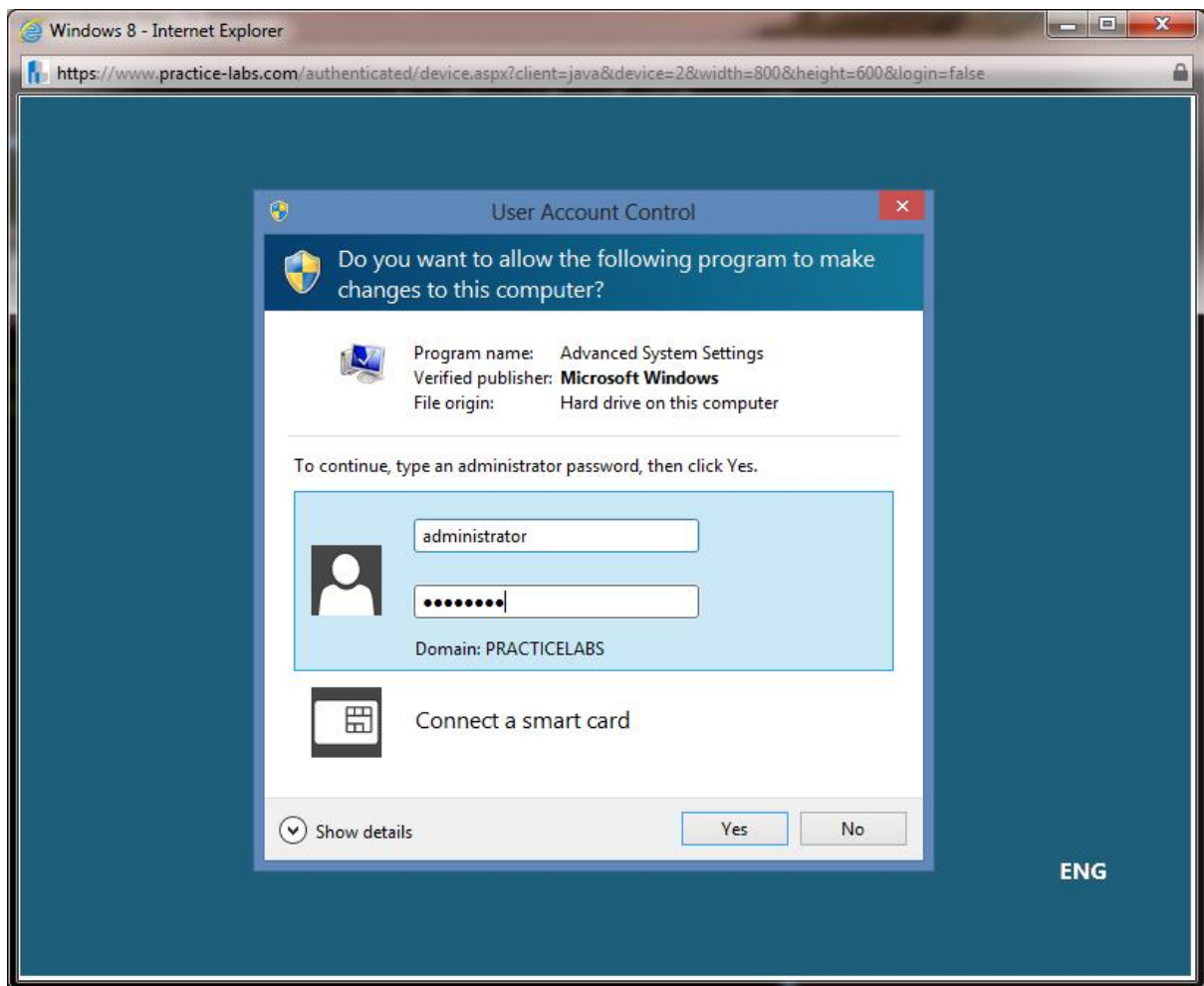
Step 12

Since Lisa Weybridge does not have administrative rights, the user account control asks for an administrator account. Use the following:

Administrator

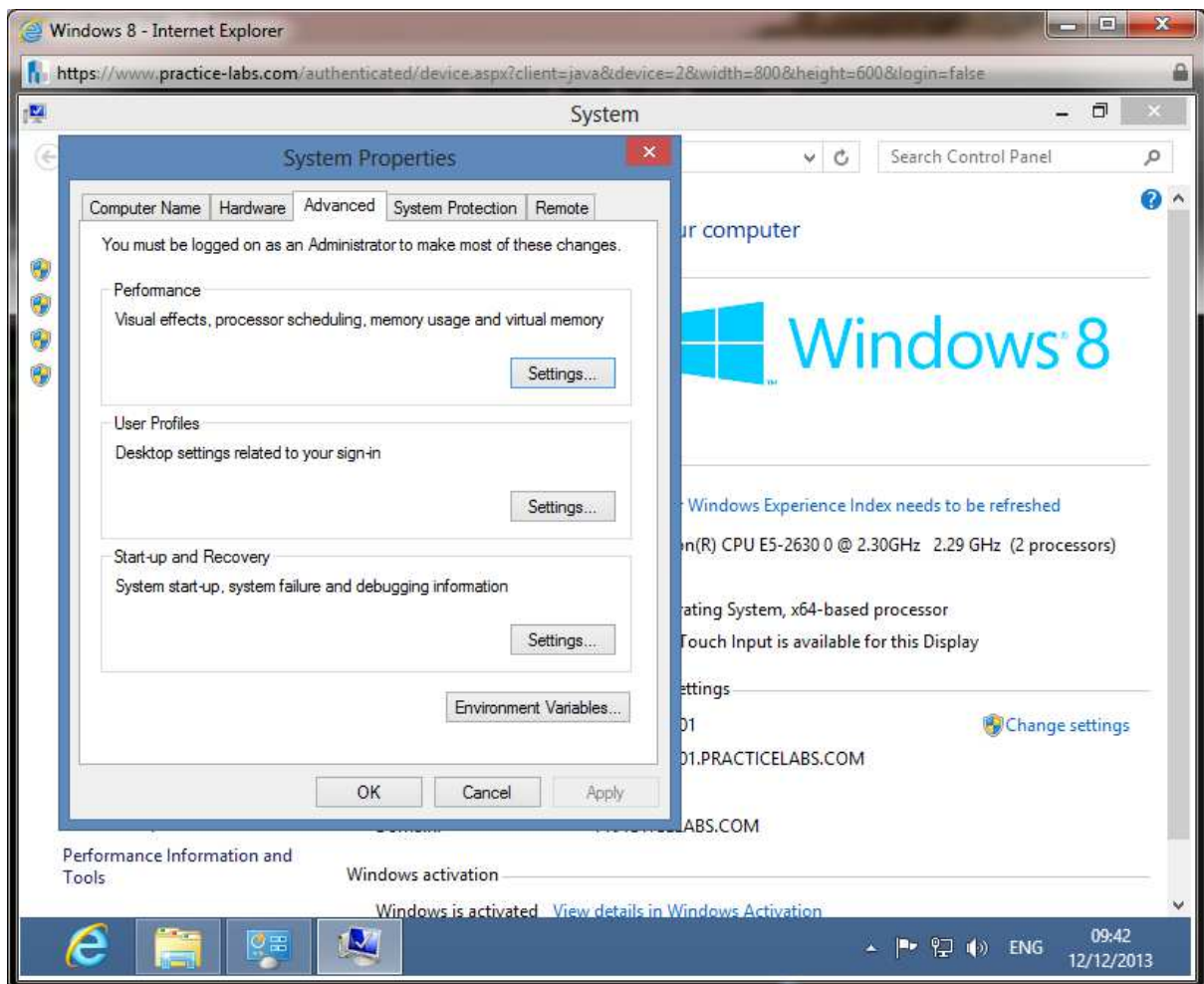
Passw0rd

Click **Yes**.



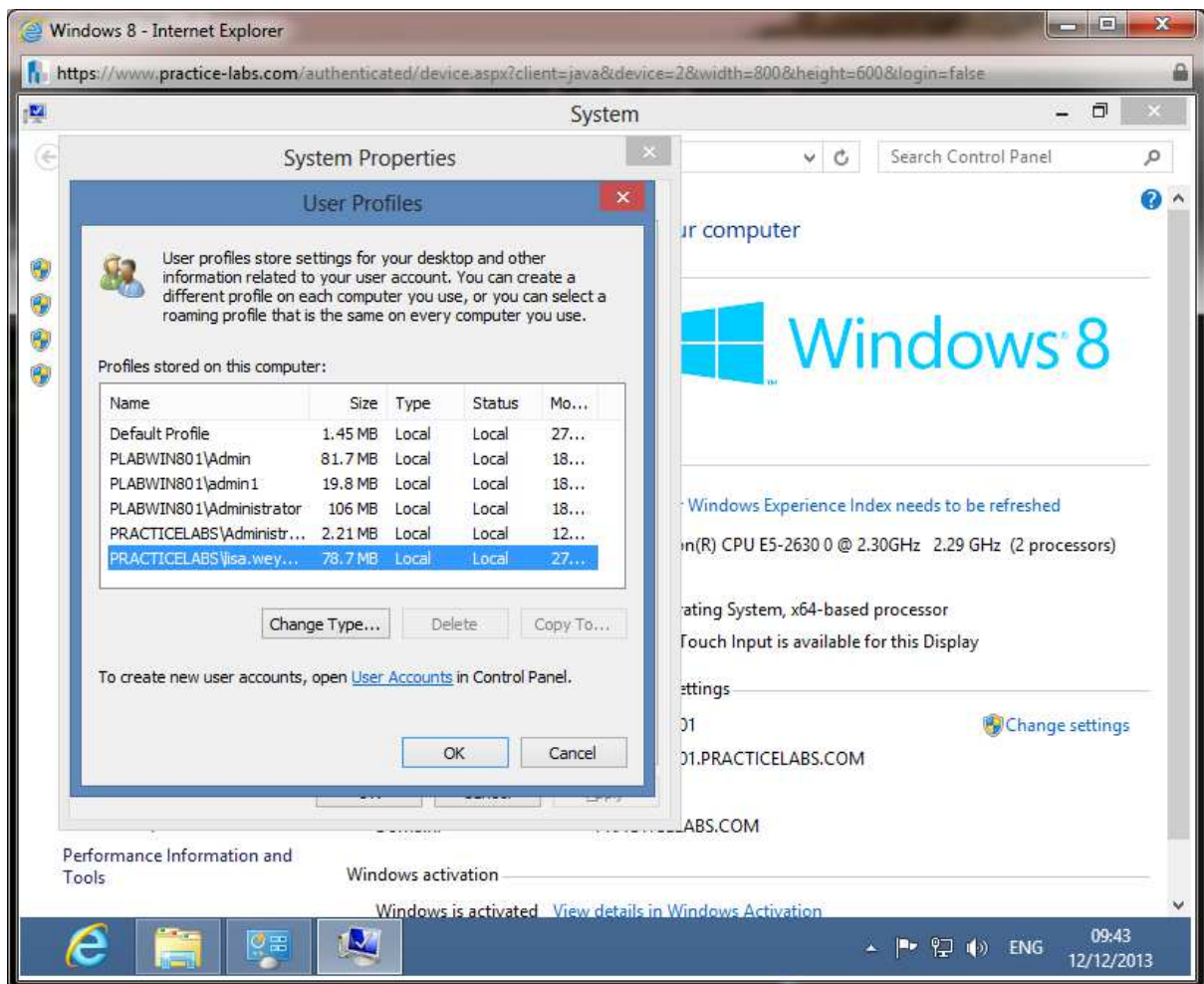
Step 13

On System Properties – Advanced tab, go to **User Profiles** section and click **Settings...**



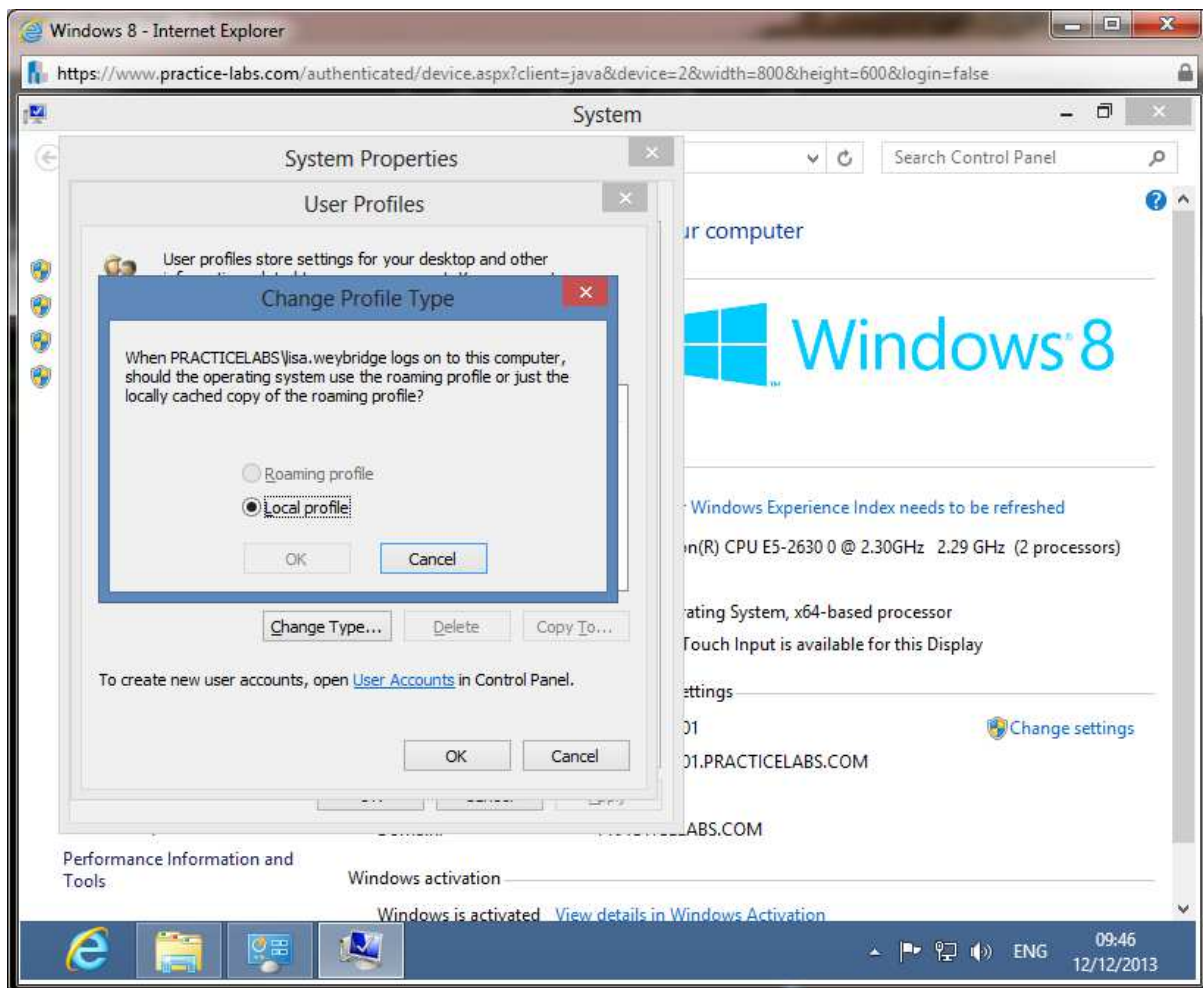
Step 14

From User Profiles box, select **Lisa Weybridge**' local profile. Click **Change Type...**



Step 15

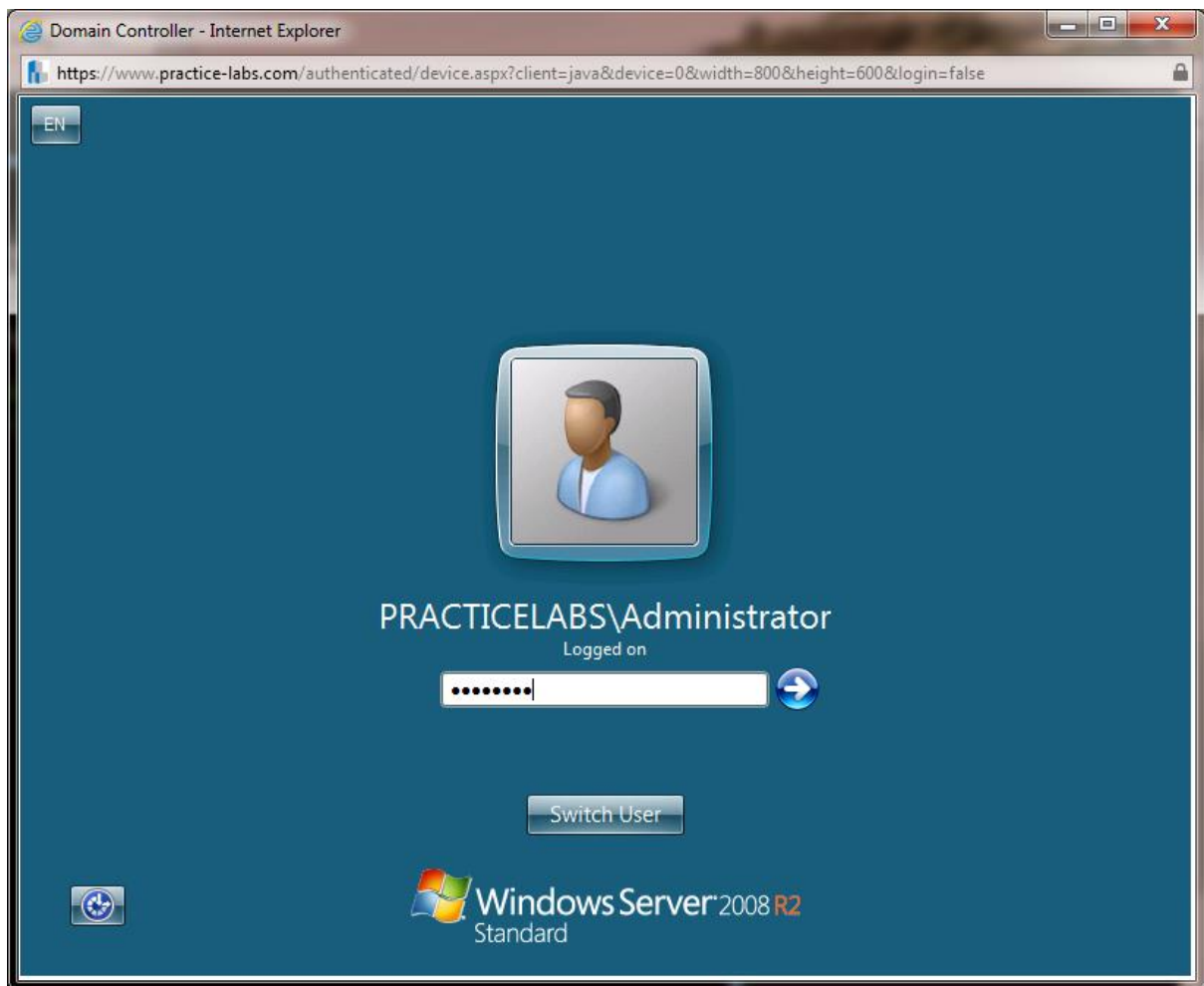
From Change Profile Type, only **Local profile** option is available. Click **Cancel** and close all dialogue boxes. Sign out Lisa Weybridge from PLABWIN810.



Task 2: Create Roaming User Profiles

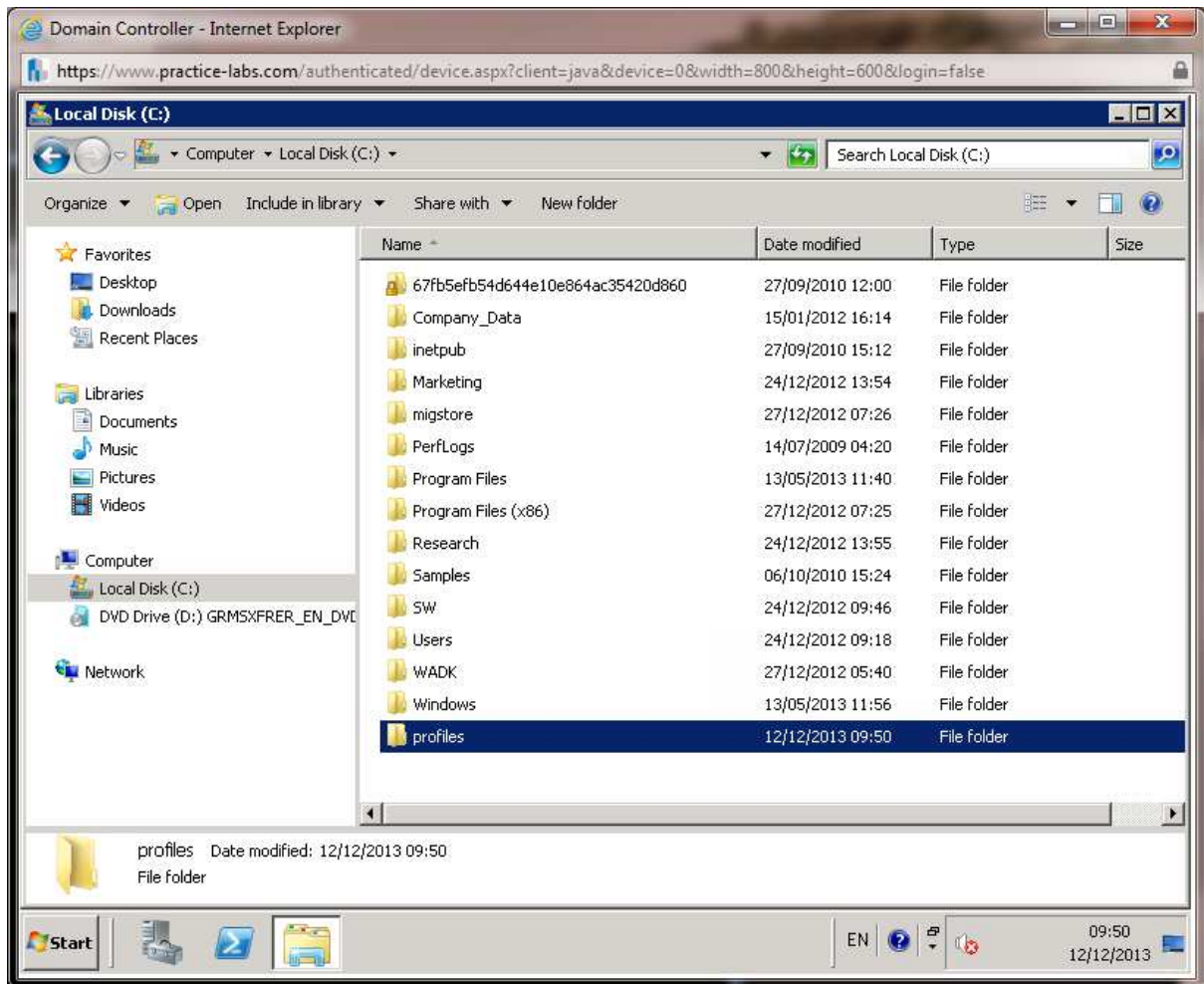
Step 1

Connect to **PLABDC01**. Sign on as **practicelabs\administrator**, password is **Passw0rd**.



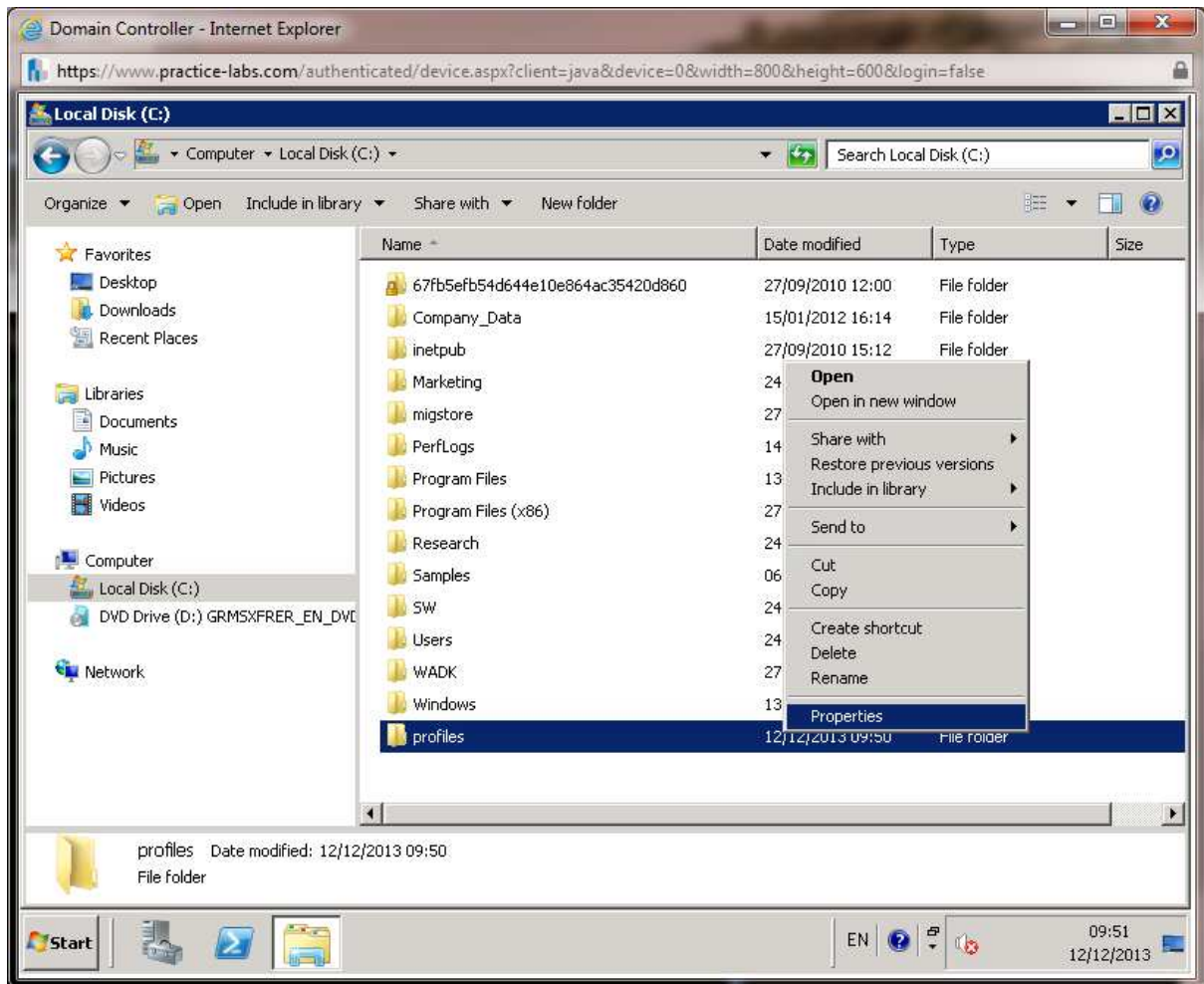
Step 2

Click **Windows Explorer** on taskbar. Go to **Local Disk C** and create a folder called **profiles**.



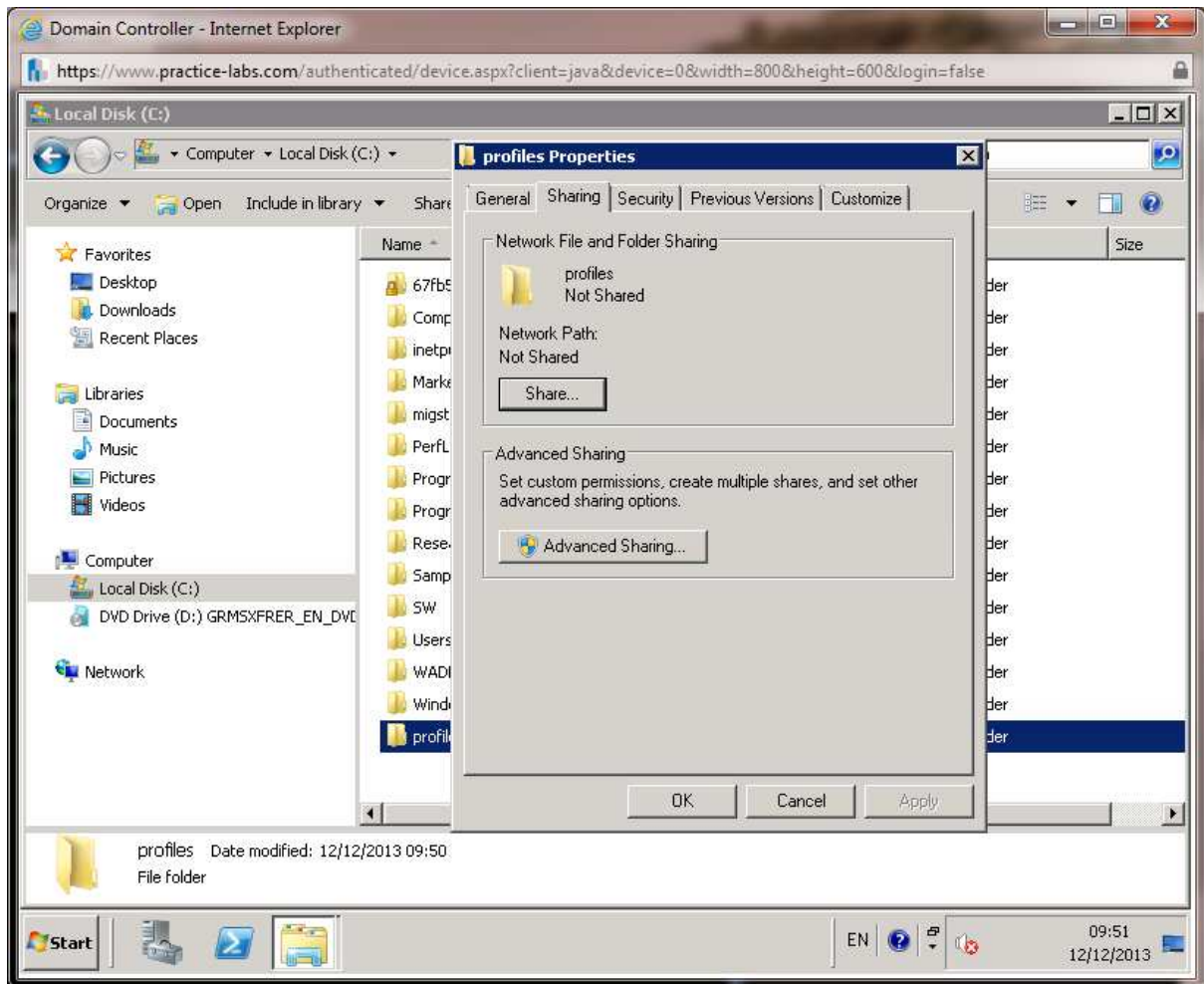
Step 3

Right-click on **profiles** and choose **Properties**.



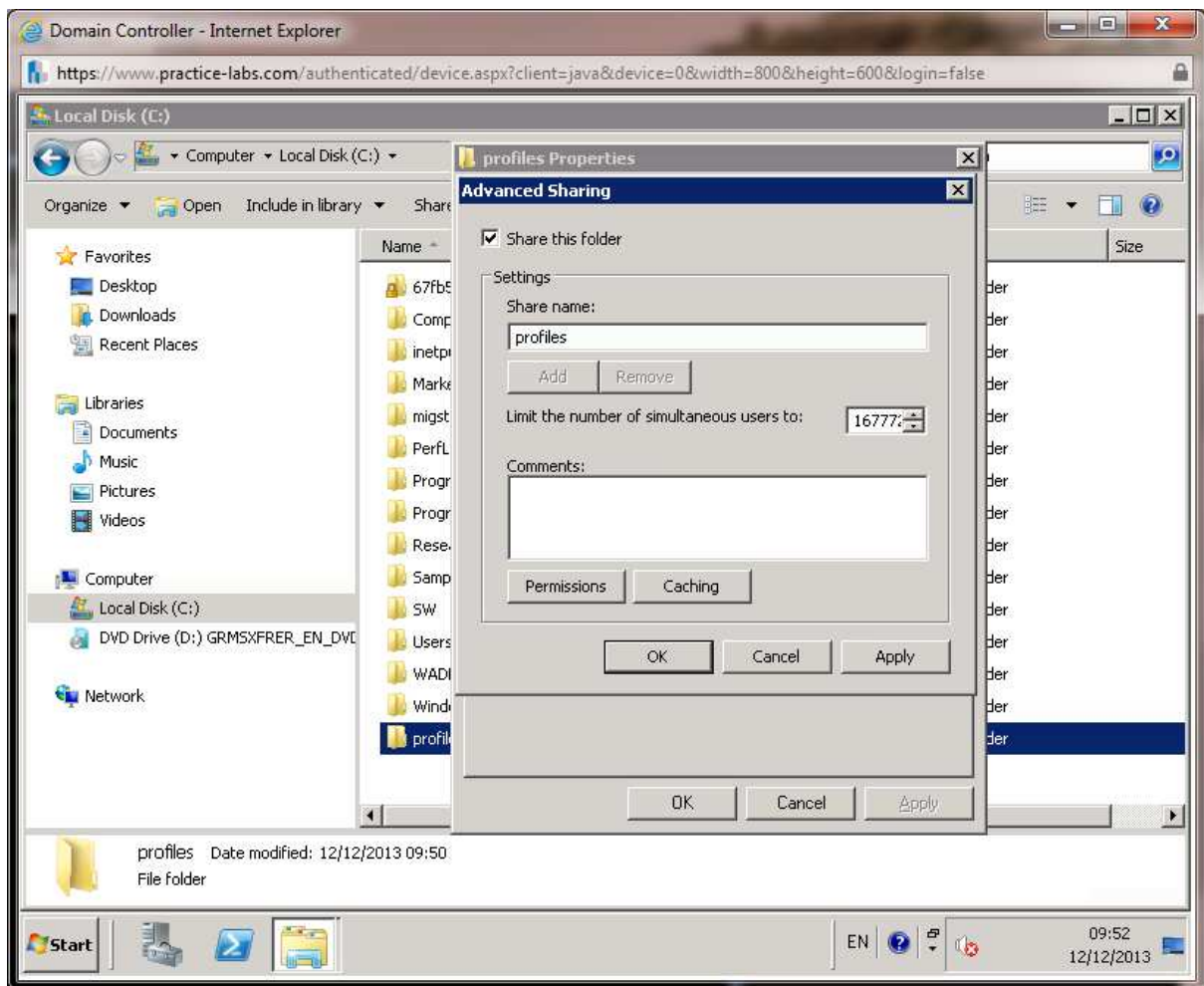
Step 4

On **profiles Properties** page, go to **Sharing** tab and click **Advanced Sharing**.



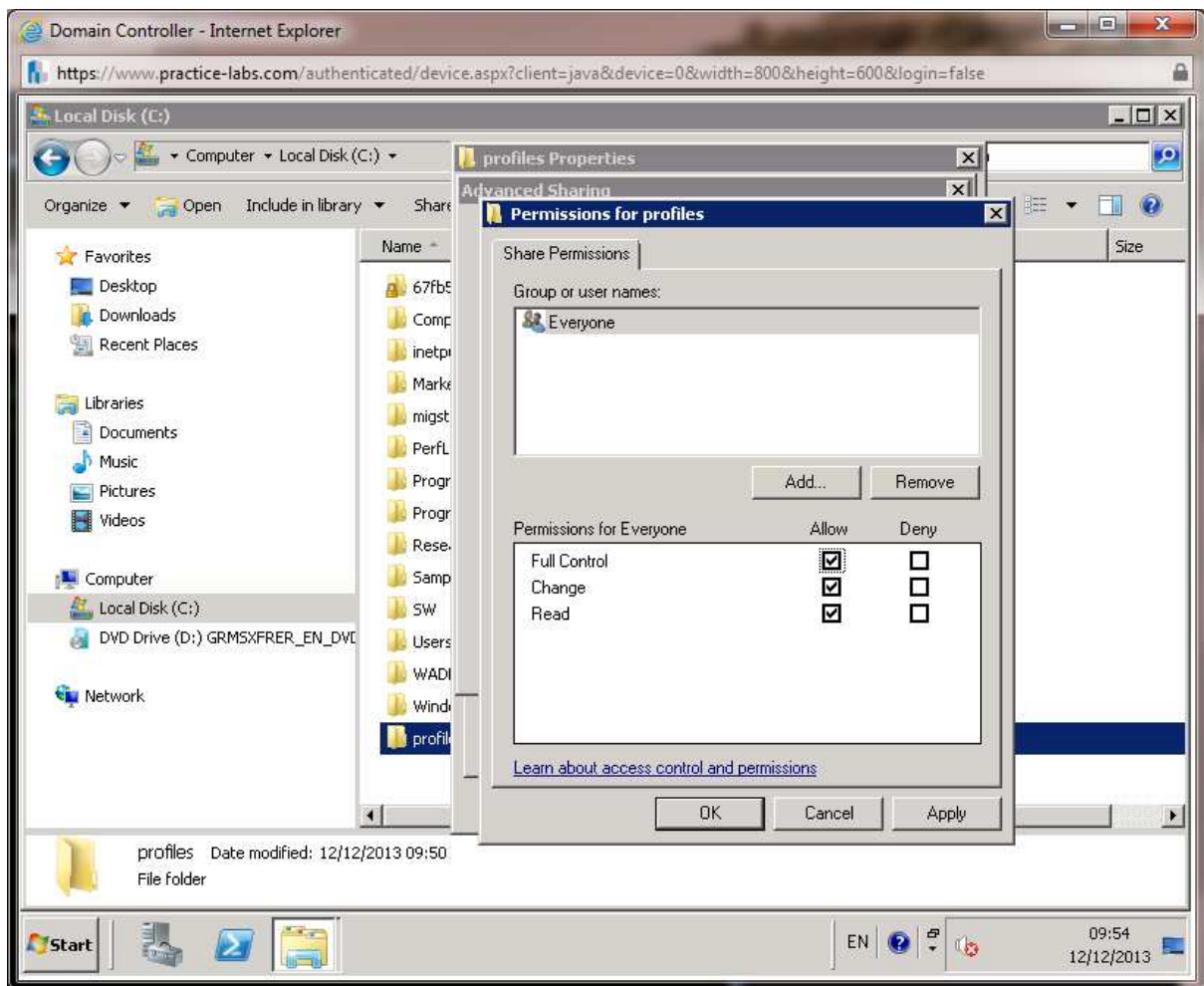
Step 5

On **Advanced Sharing** box, click **Share this folder**. Click **Permissions**.



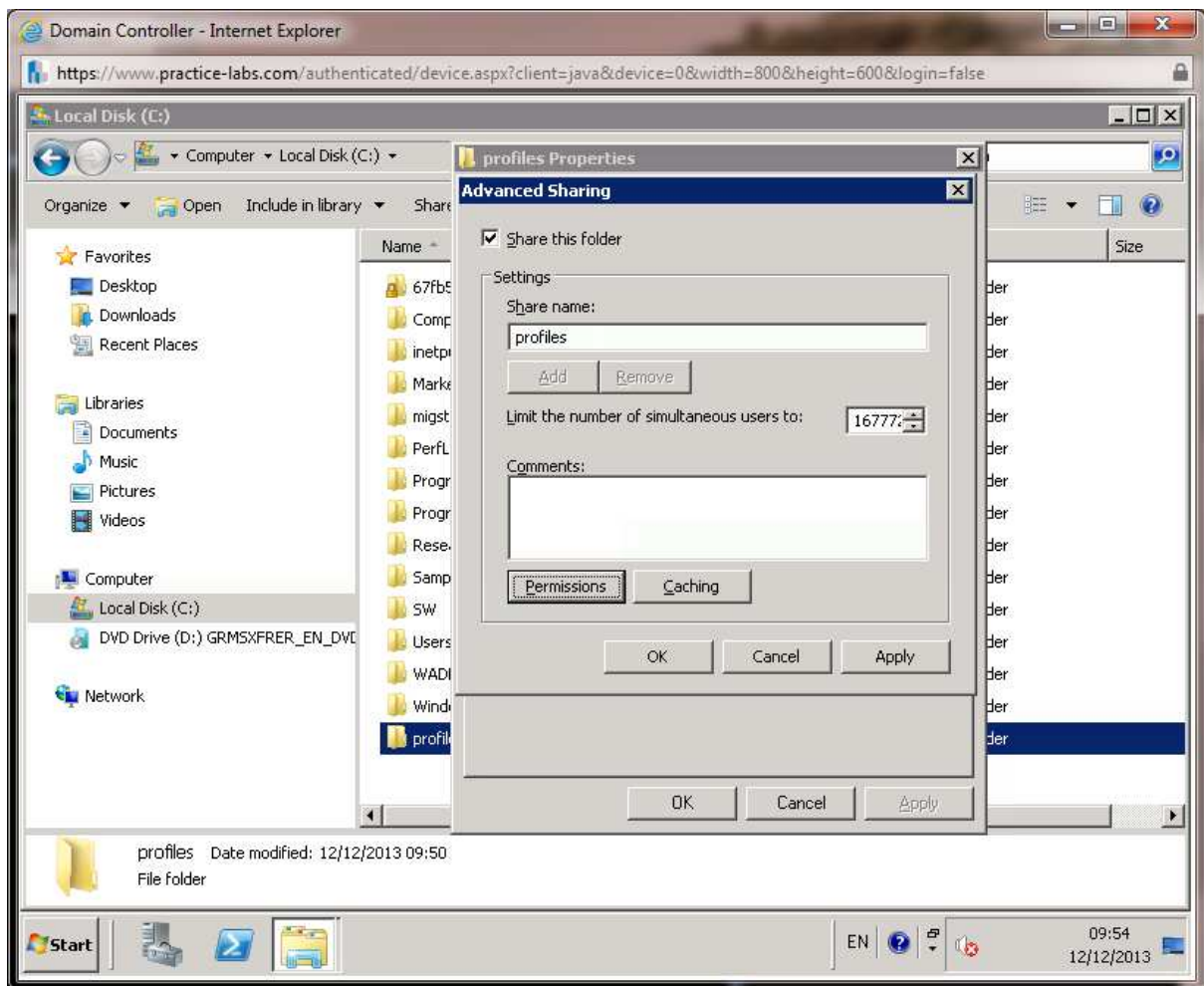
Step 6

From Share Permissions, click **Allow – Full Control**. Click **OK**.



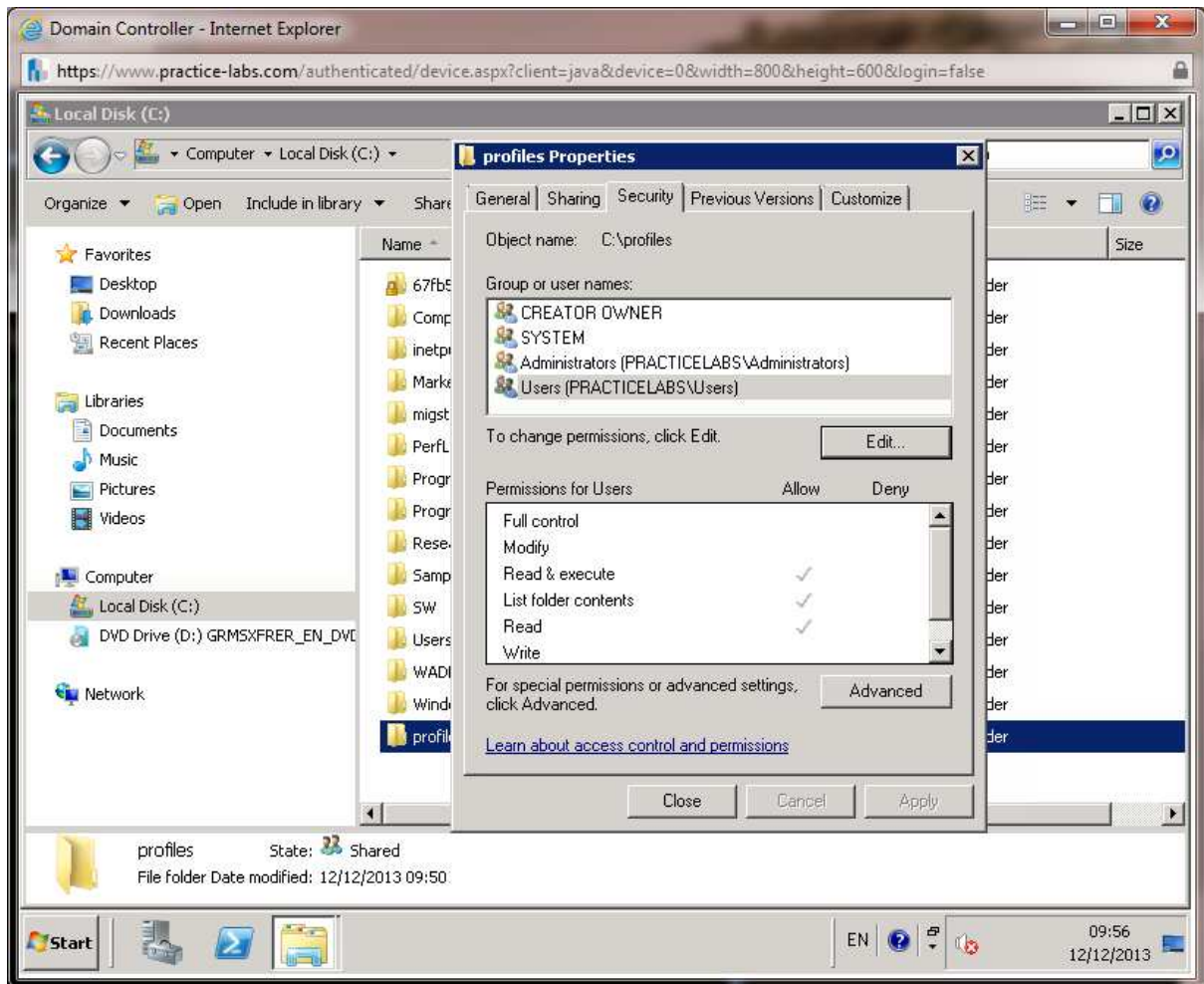
Step 7

From **Advanced Sharing** dialogue, click **OK** to save changes.



Step 8

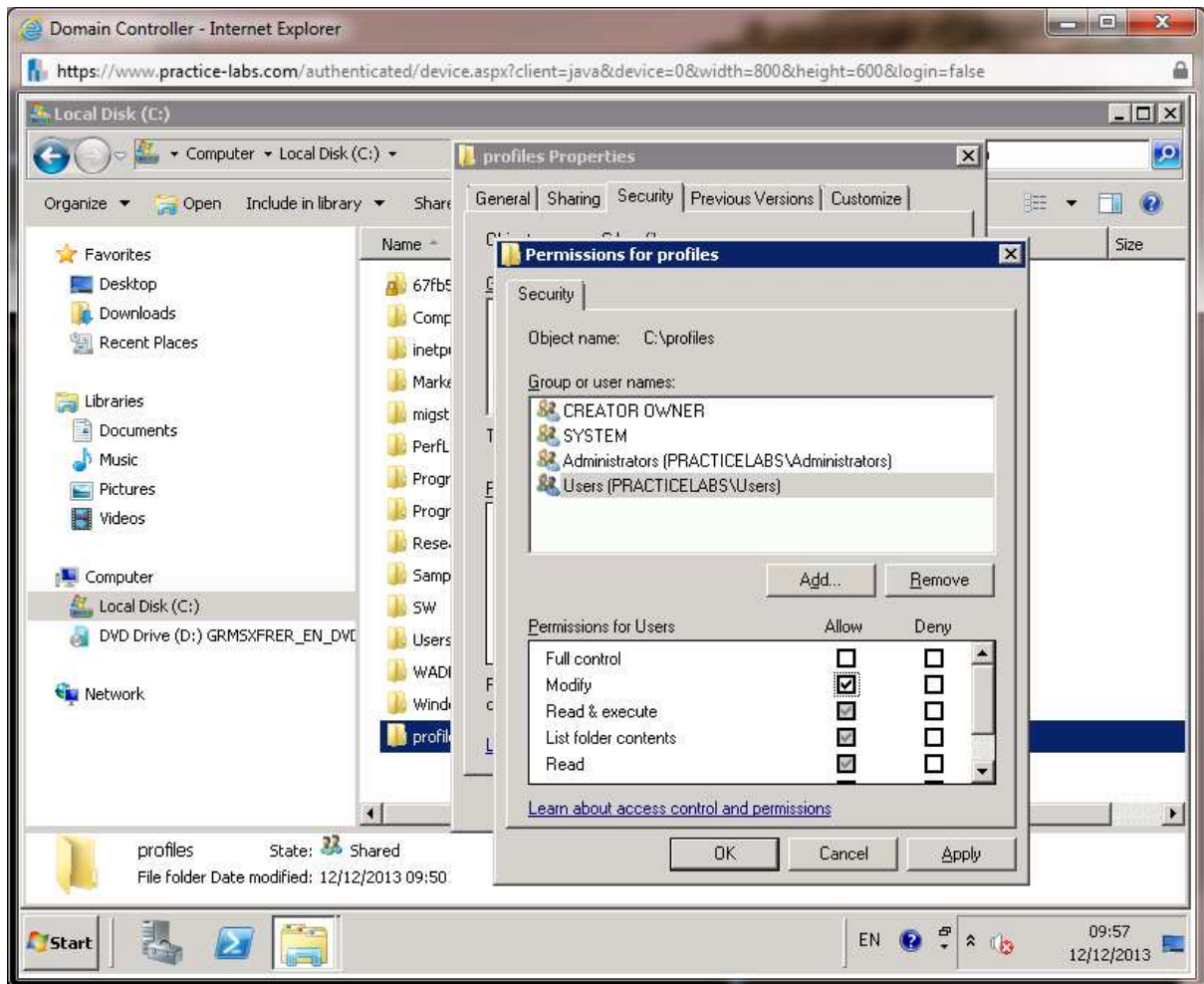
Back in **profiles Properties**, go to **Security** tab. Select **Users (PRACTICELABS\Users)** and then click **Edit**.



Step 9

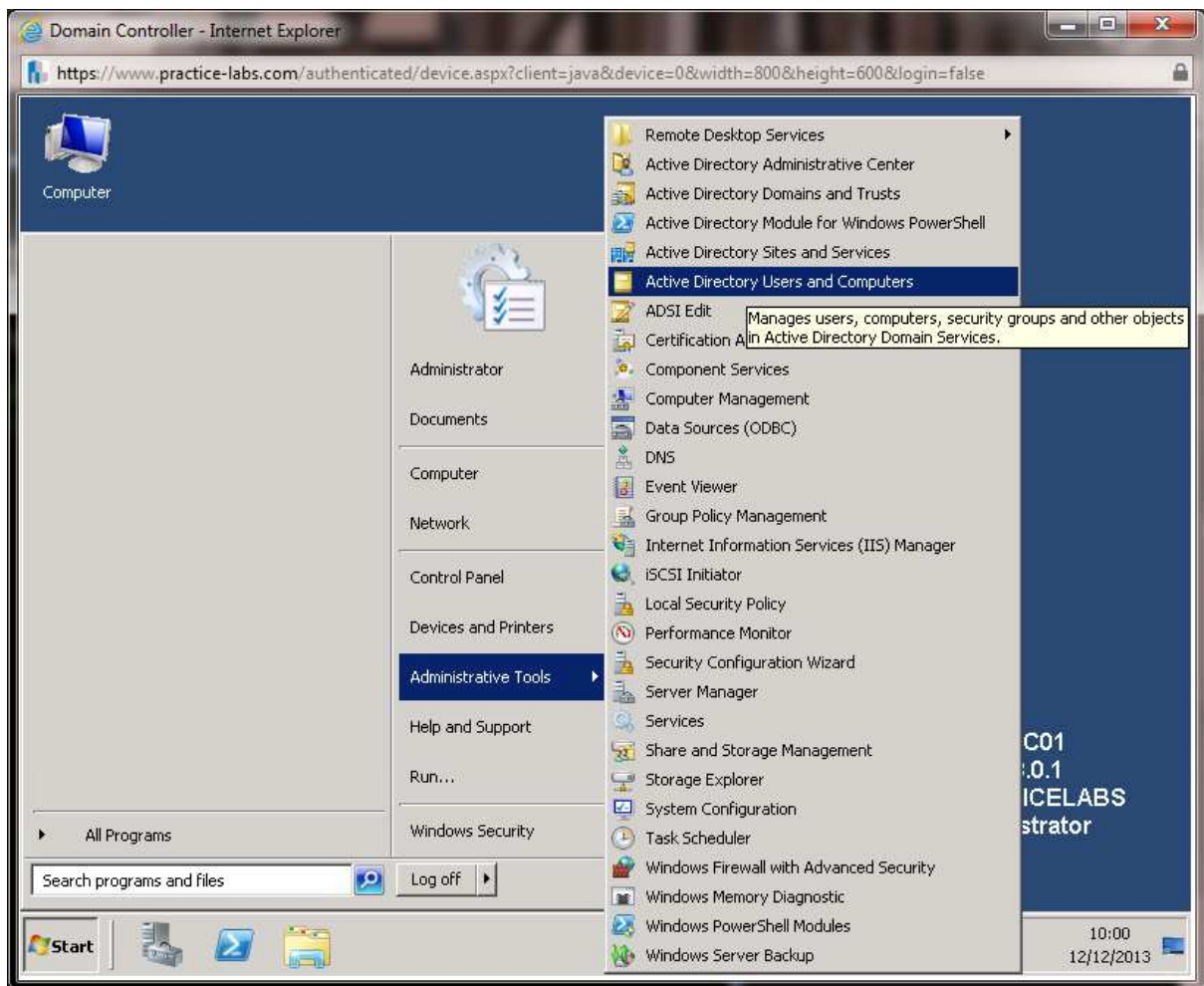
On Permissions for profiles dialogue, select **Users (PRACTICELABS\Users)** and click **Allow-Modify**. Click **OK**.

Click **Close** to save changes in **profiles Properties**.



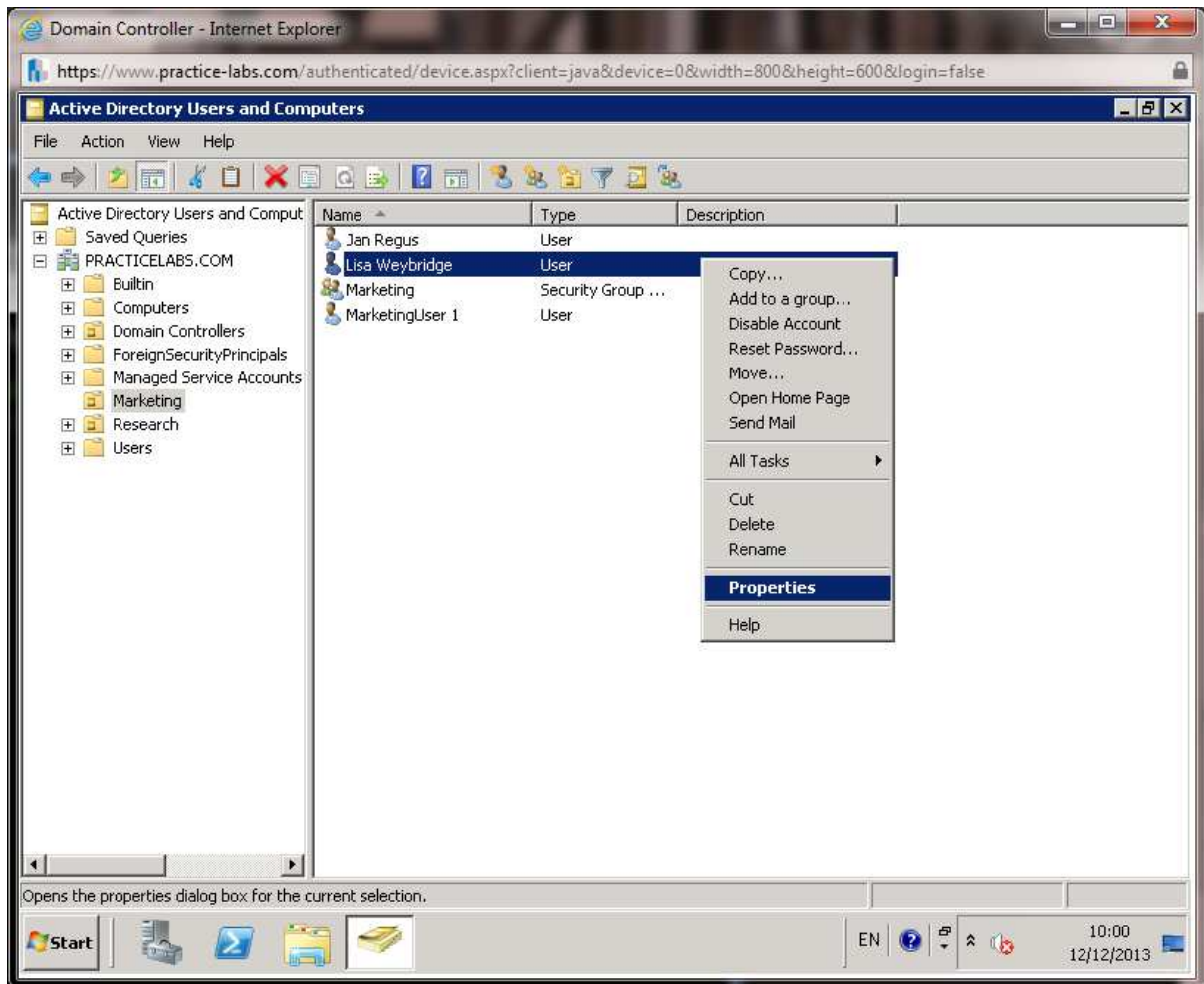
Step 10

Click **Start**, go to **Administrative Tools > Active Directory Users and Computers**.



Step 11

Go to **Marketing** OU and right-click on **Lisa Weybridge**, then choose **Properties**.

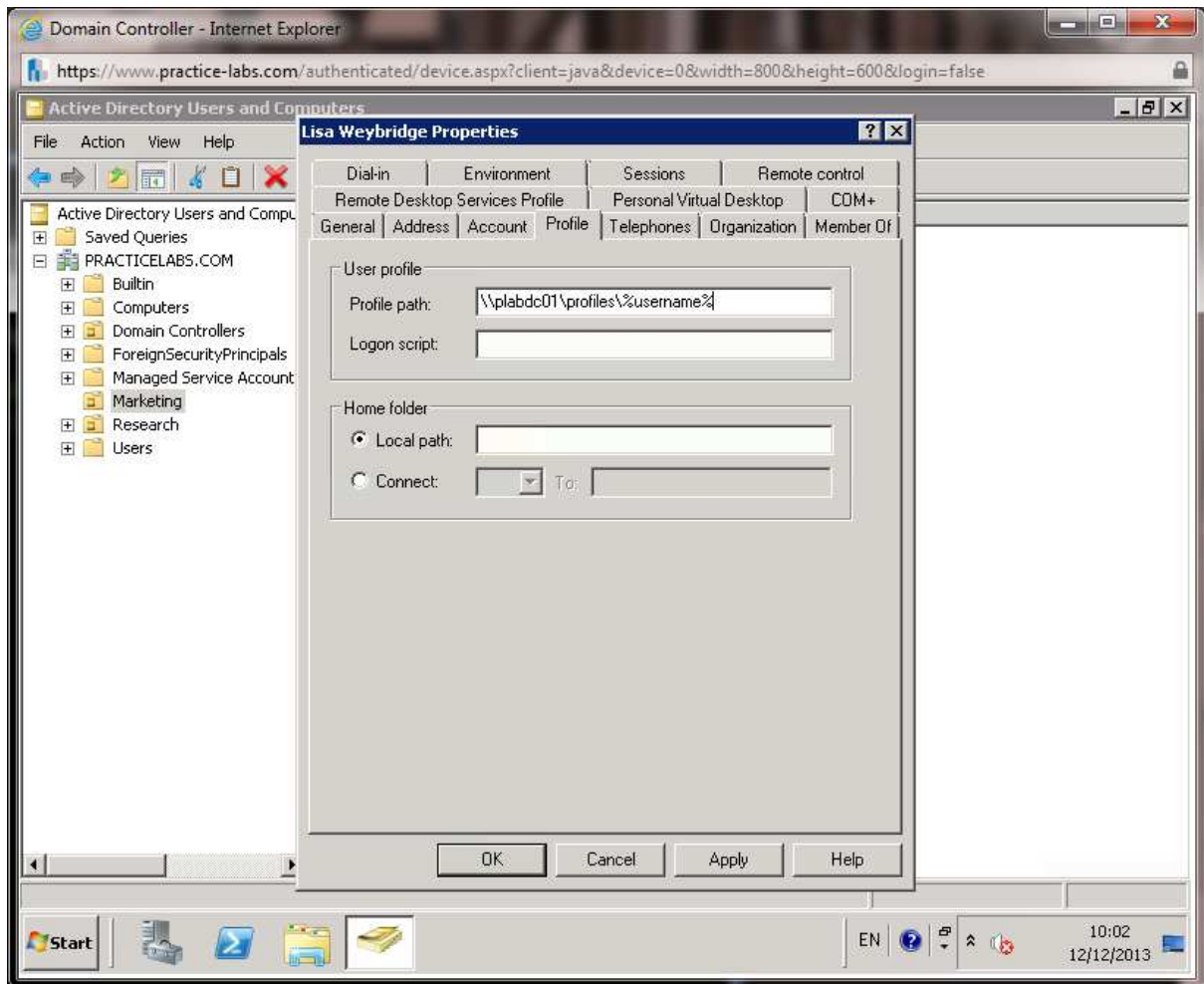


Step 12

From Lisa Weybridge Properties, go to **Profile** tab. Click in **Profile path** box and type

[\\plabdc01\profiles\%username%](https://plabdc01/profiles/%username%)

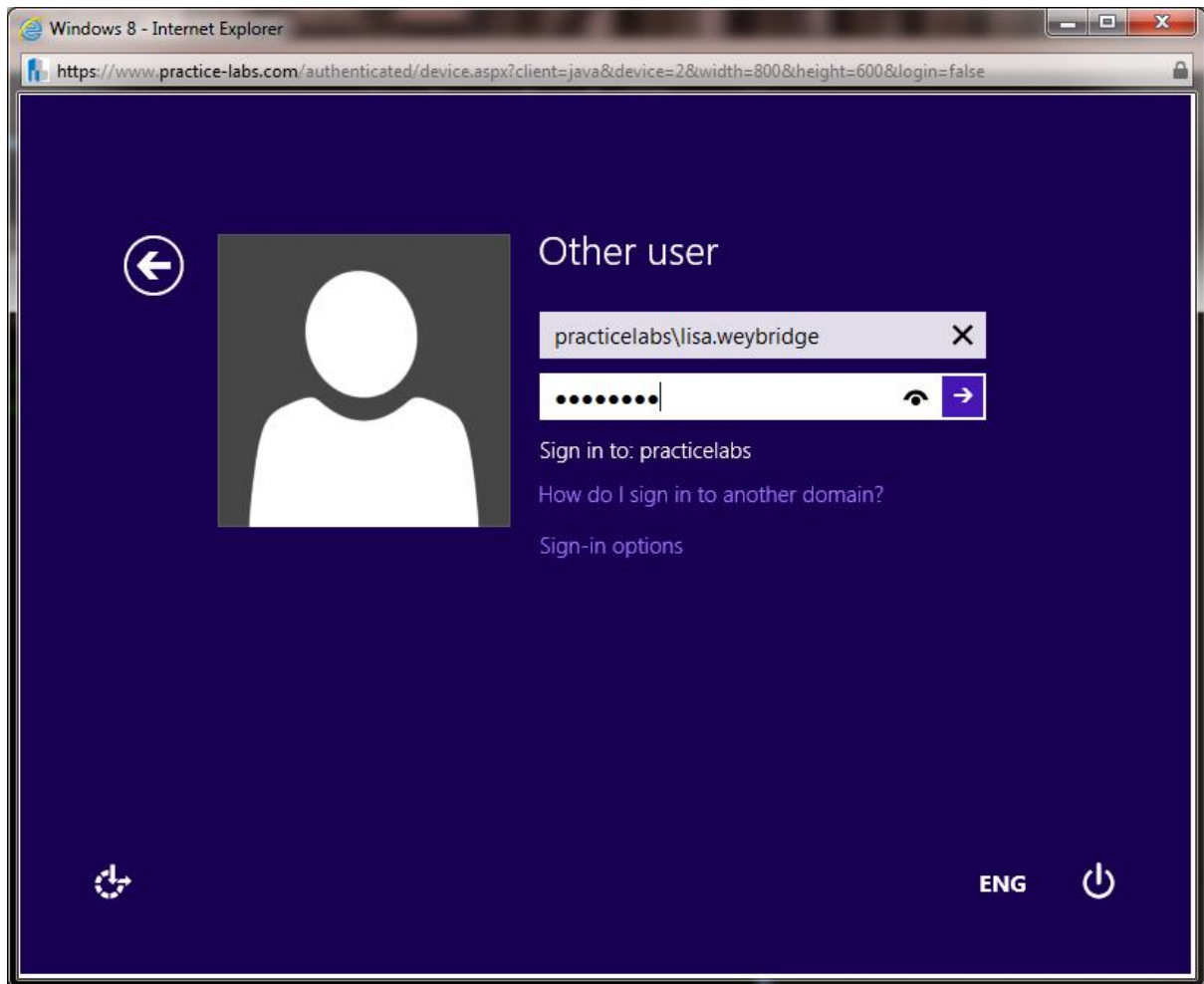
Click **OK** to save changes. %username% is a system variable that refers to any user account.



Task 3: Verify User Roaming Profile

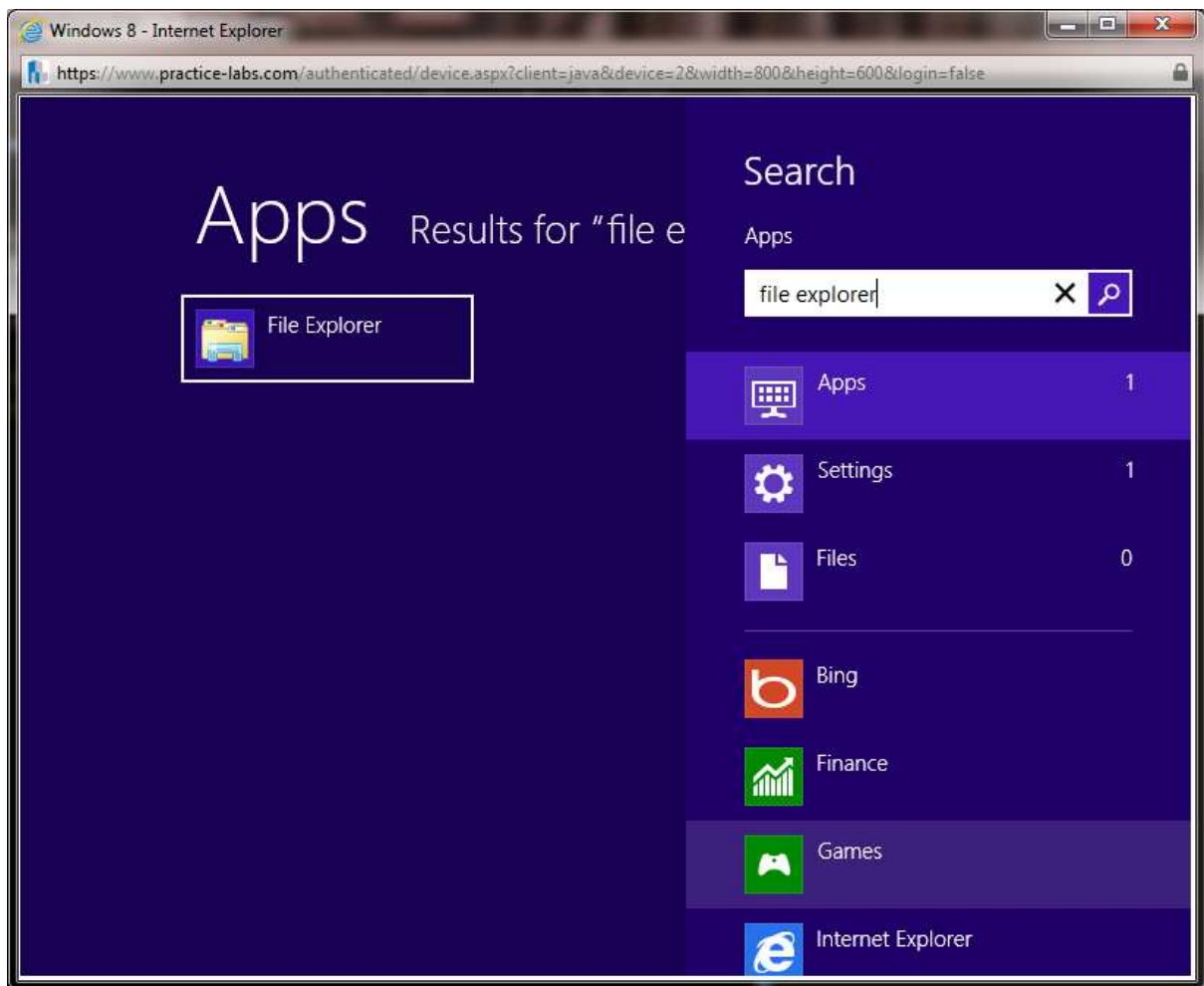
Step 1

Connect to **PLABWIN810**. Sign on as **practicelabs\lisa.veybridge**, password is **Passw0rd**.



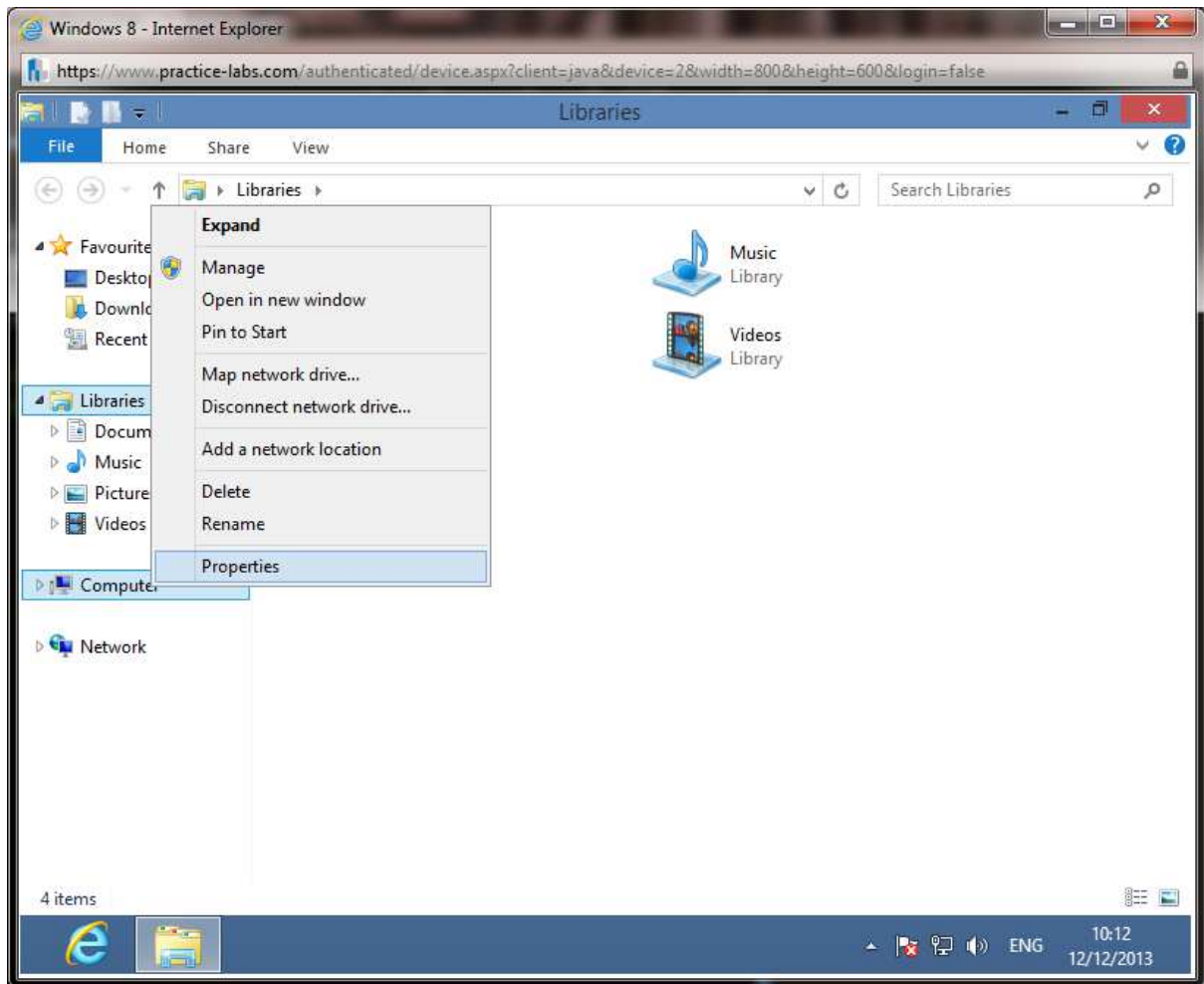
Step 2

Type **file explorer** and press **Enter**.



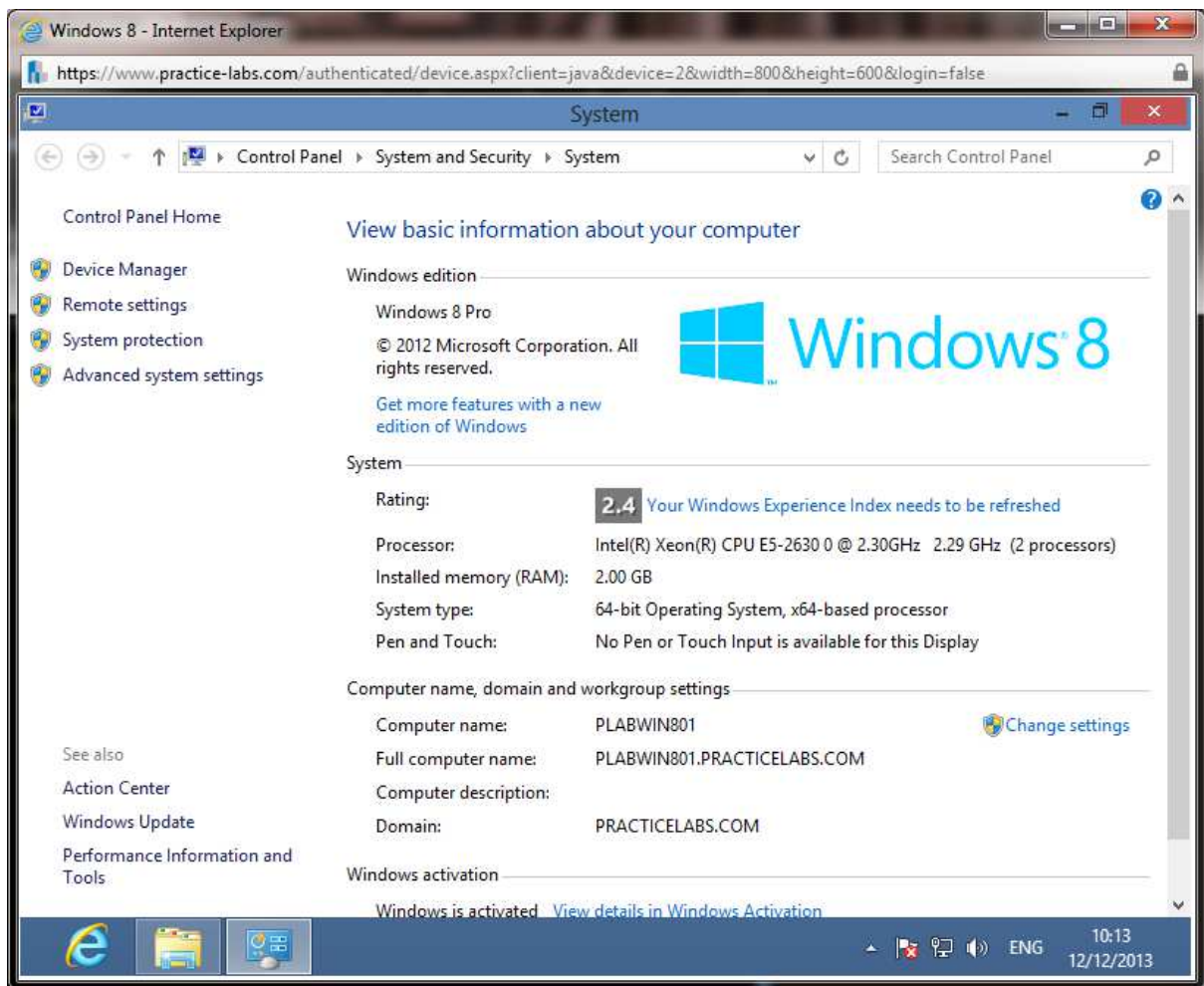
Step 3

Right-click on **Computer** and choose **Properties**.



Step 4

Click **Advanced system settings** link.



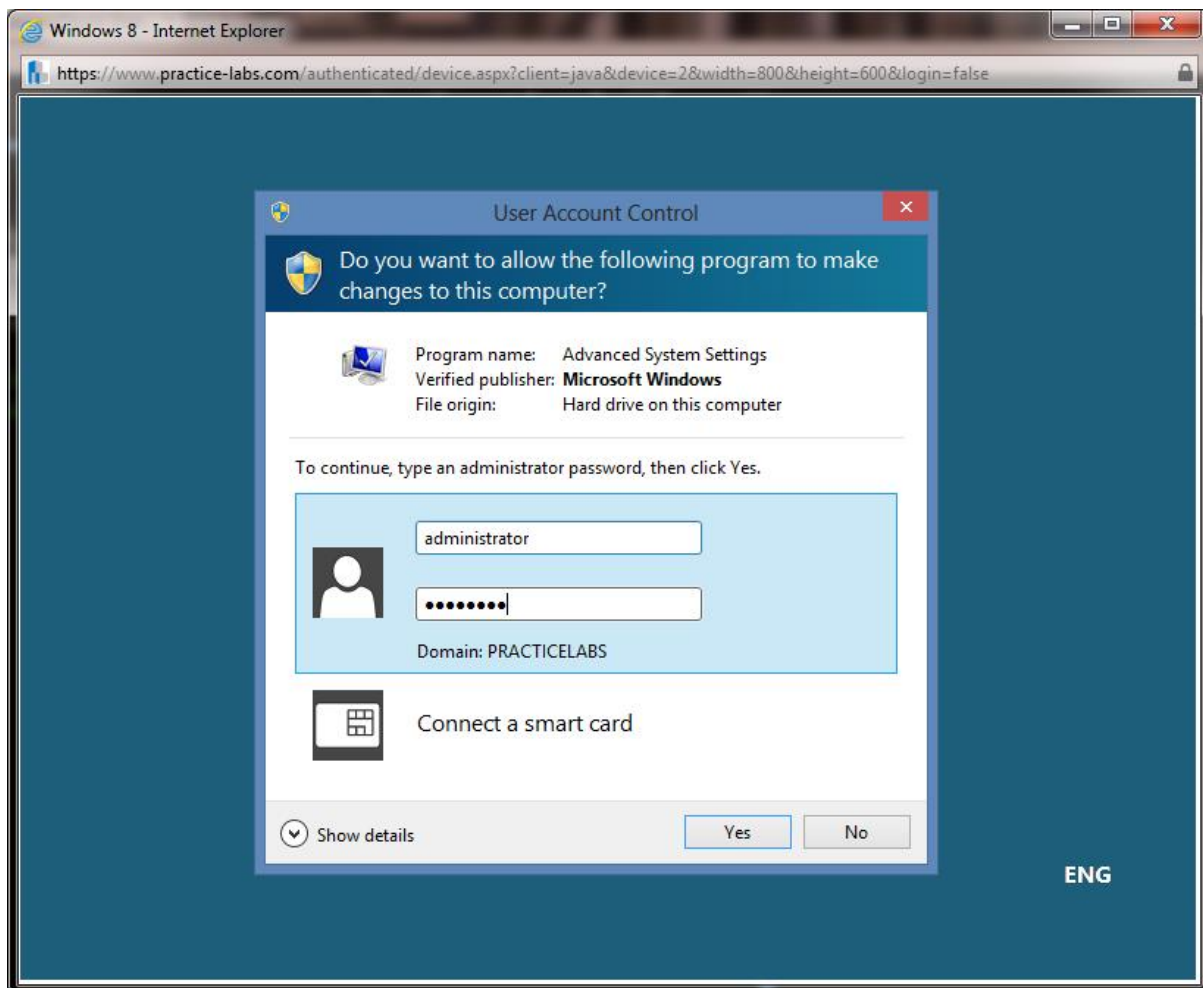
Step 5

Again the User account control asks for administrative credentials. Type

Administrator

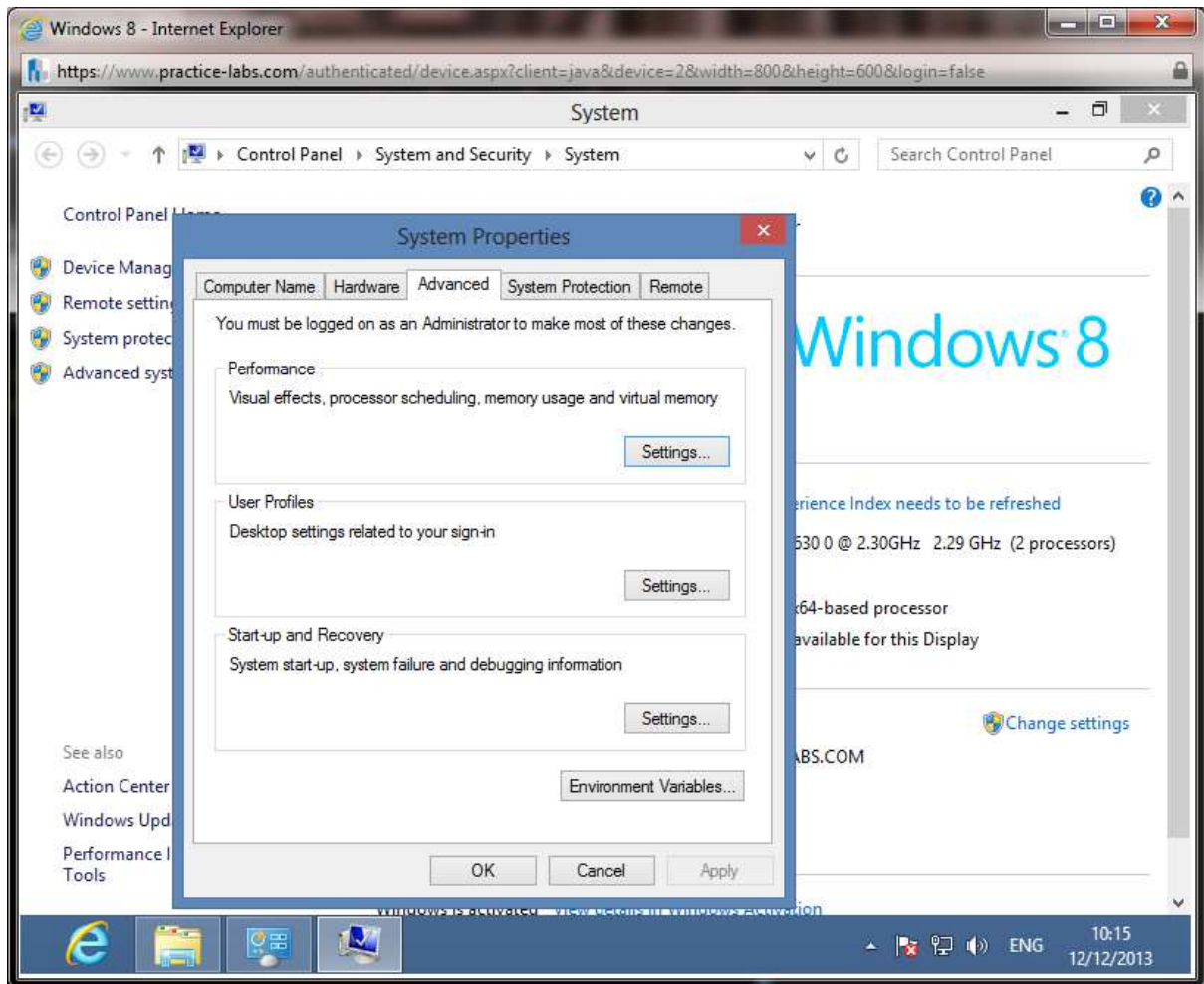
Passw0rd

Click **Yes**.



Step 6

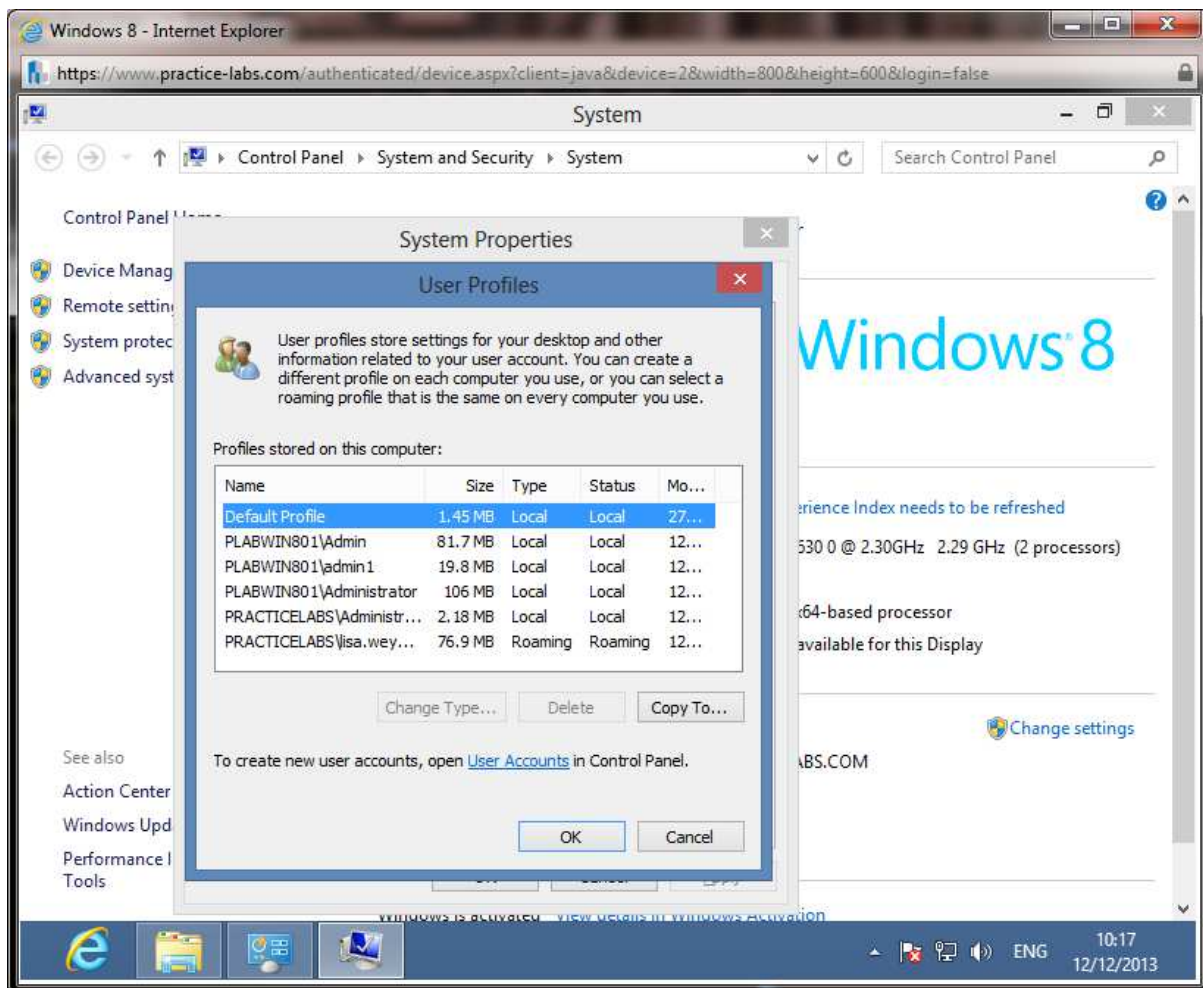
From **System Properties – Advanced**, go to **User Profiles** section and click **Settings**.



Step 7

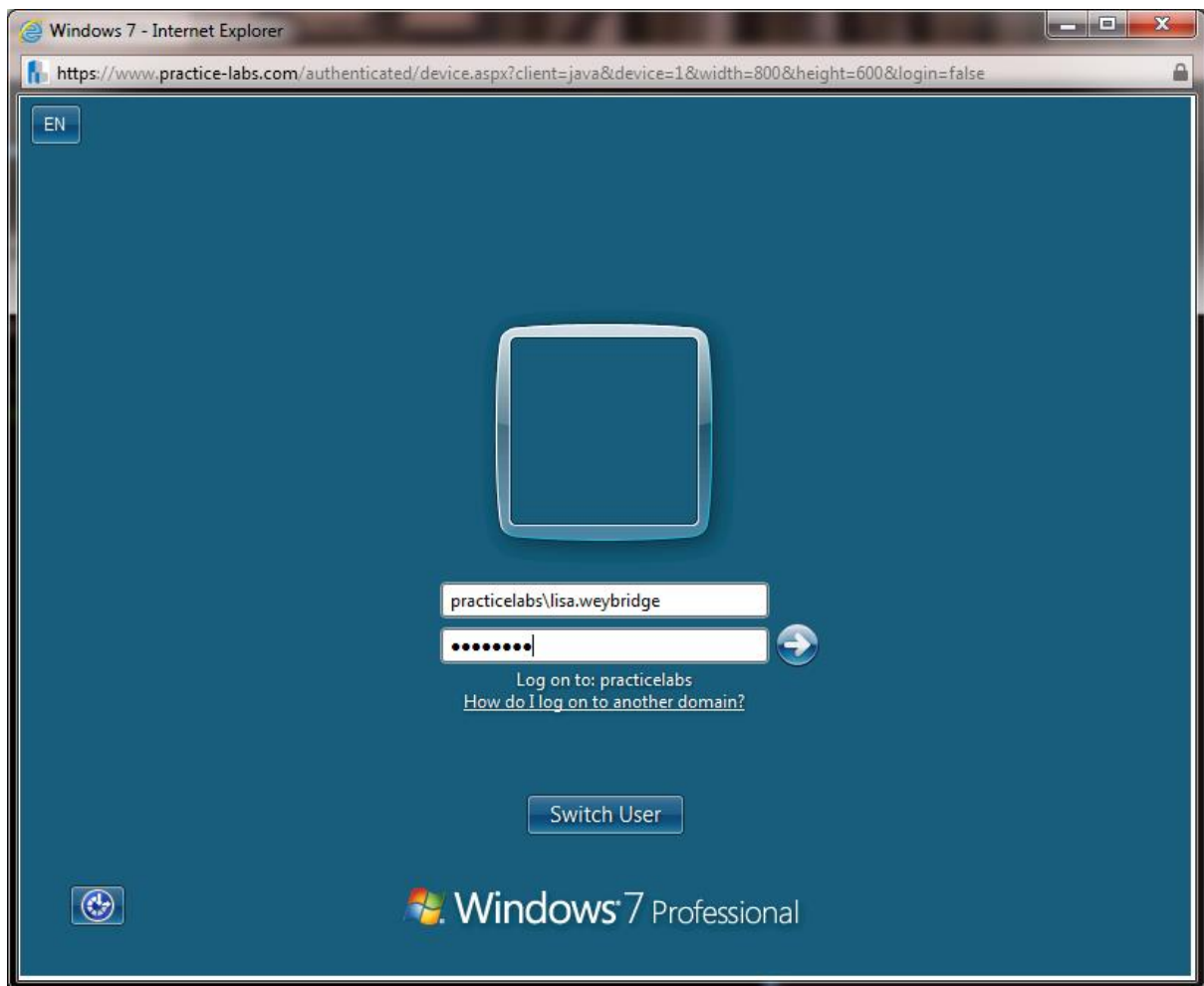
Verify that Lisa Weybridge's profile has been changed to **Roaming** type. Click **OK**. Log off Lisa Weybridge from PLABWIN810.

Note: If the profile is still Local, sign off and sign back on as Lisa Weybridge in PLABWIN810.



Step 8

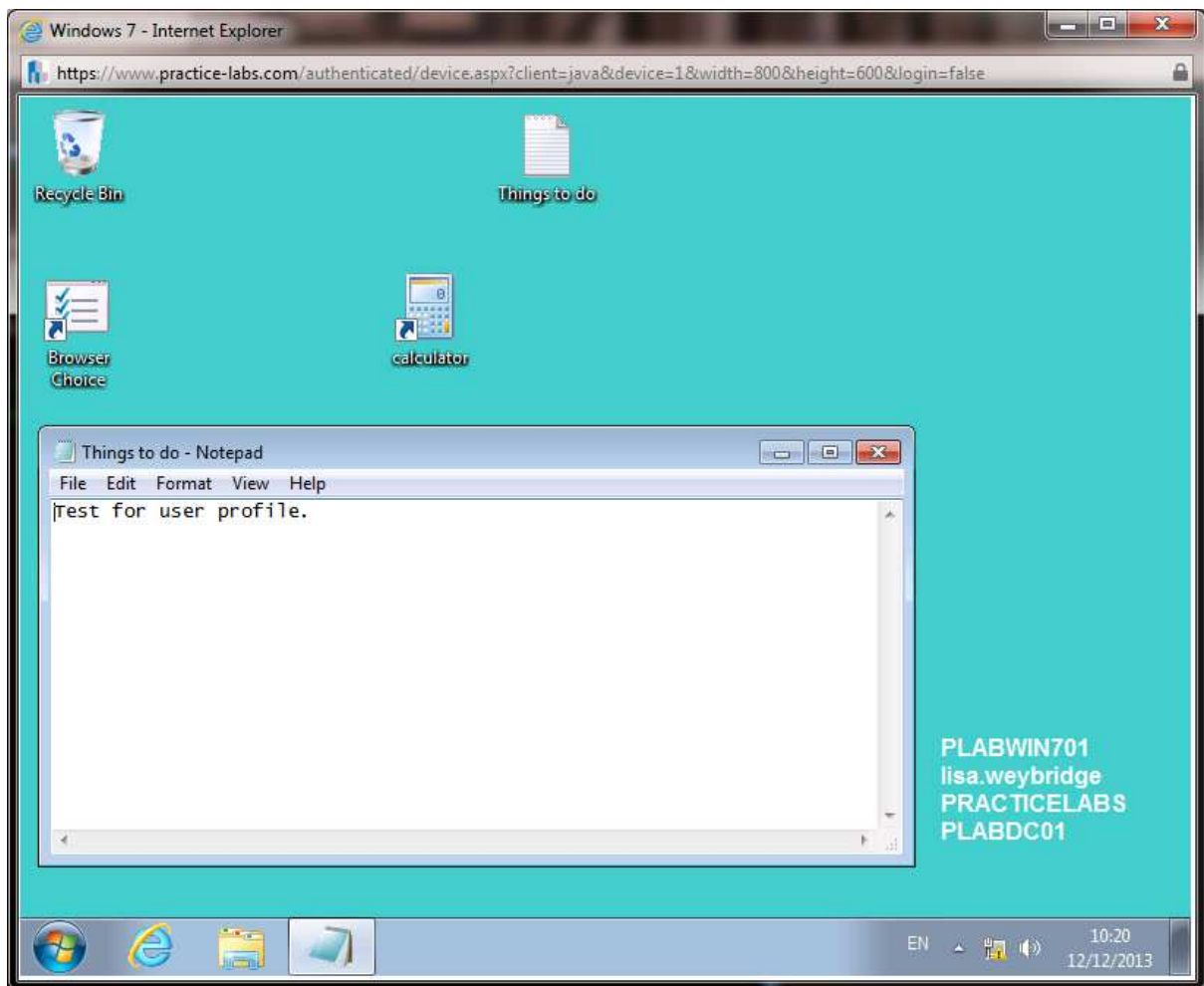
Connect to **PLABWIN701**. Sign in as **practicelabs\lisa.veybridge**, password is **Passw0rd**.



Step 9

Verify that the calculator and Things to do text documents are found in Lisa Weybridge's desktop. Open Things to do text document to ensure that you can read its contents.

Sign out **Lisa Weybridge** from **PLABWIN701**.



Keep all the virtual machines continue running for the next exercise.

Exercise 2 - Windows Easy Transfer

Like other version of Windows, Windows 8 provides a number of tools that will allow administrators to export user settings and import them into their new workstations.

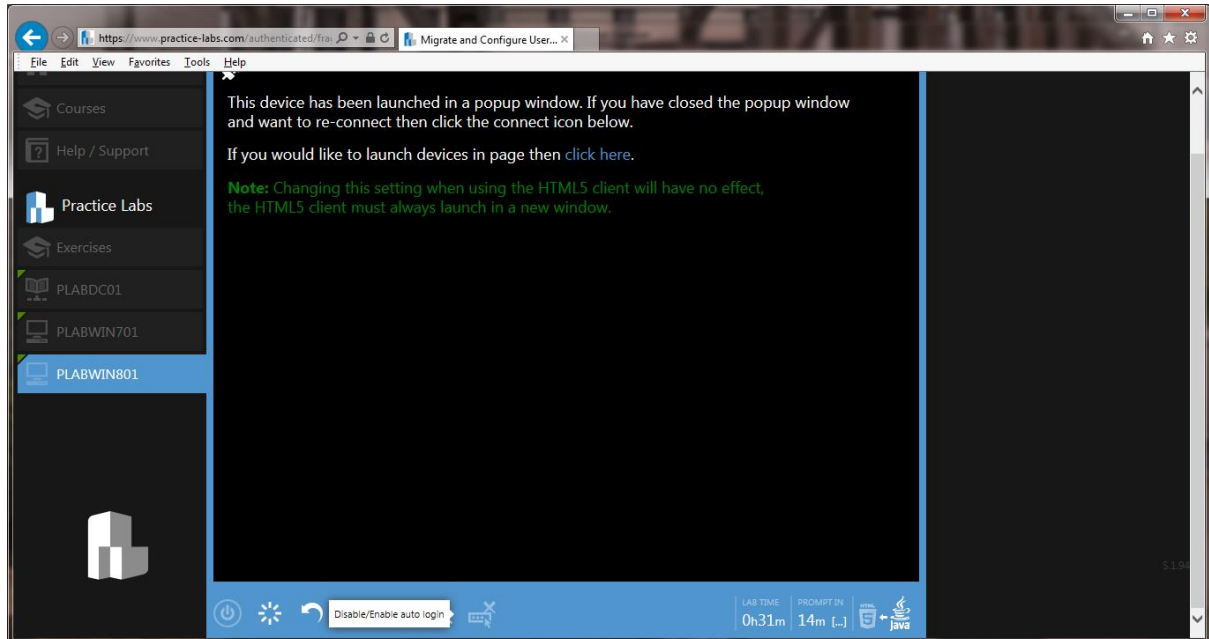
Windows Easy Transfer provides a graphical user interface provides another method to export user settings from an old Windows computer and import it to a new Windows machine.

Please refer to your course material or use your preferred search engine to research for more information about this topic.

Task 1: Export user settings using Windows Easy Transfer

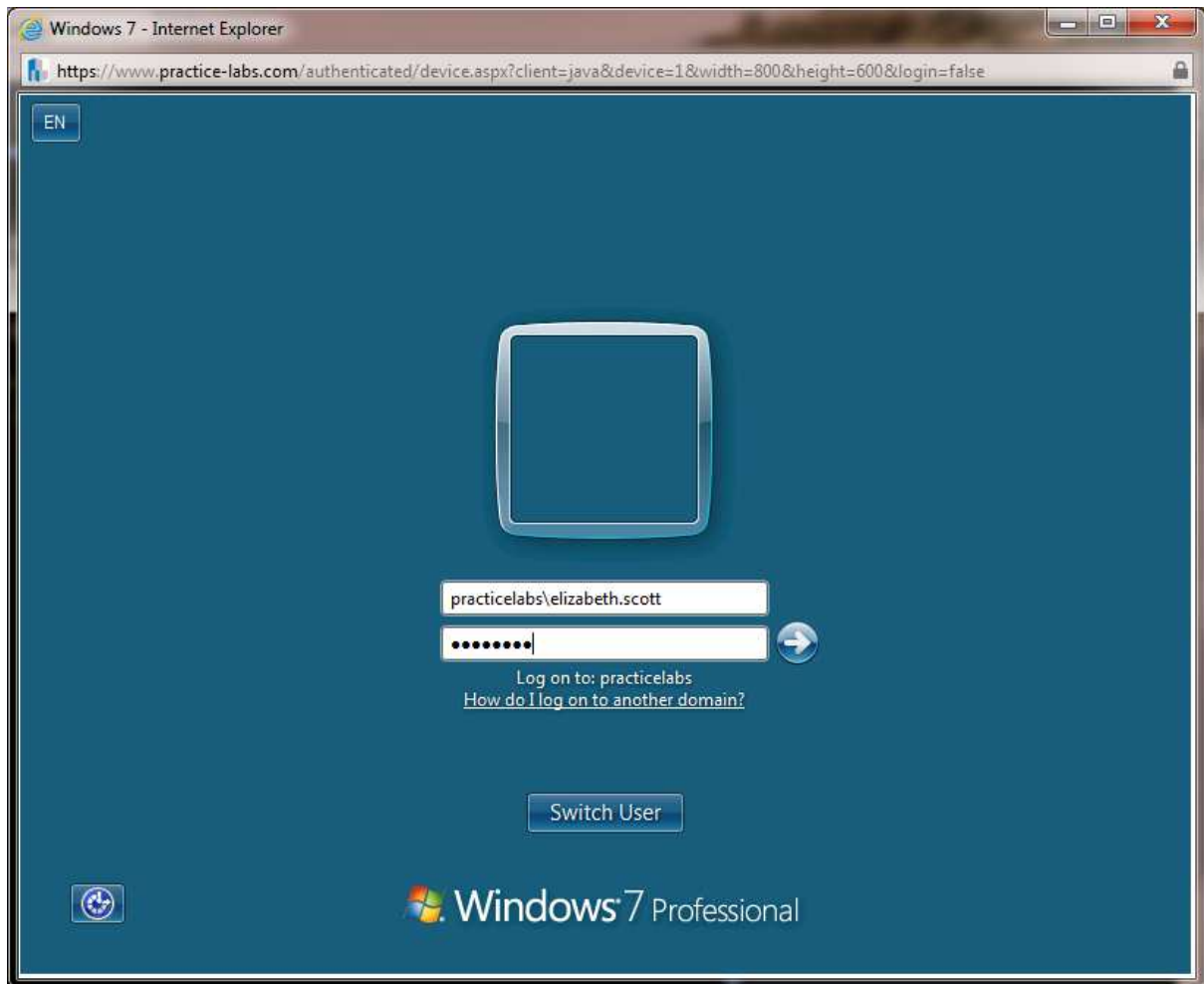
Step 1

Open Practice Labs web application. Select a running virtual machine (with green light LED on) and click Disable/Enable auto login. The x cross should be displayed.



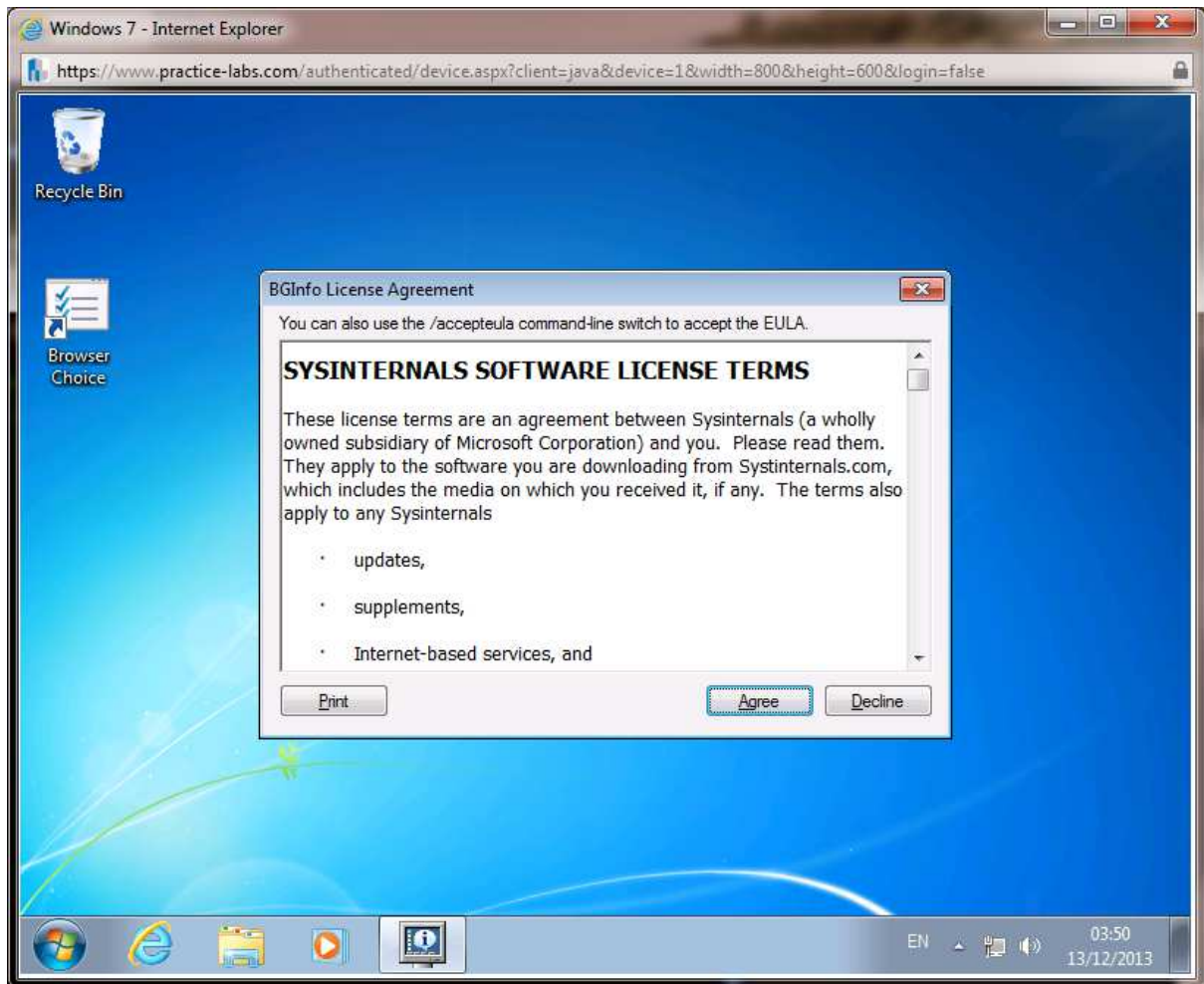
Step 2

Connect to **PLABWIN701**. Sign in as **practicelabs\elizabeth.scott**, password is **Passw0rd**.



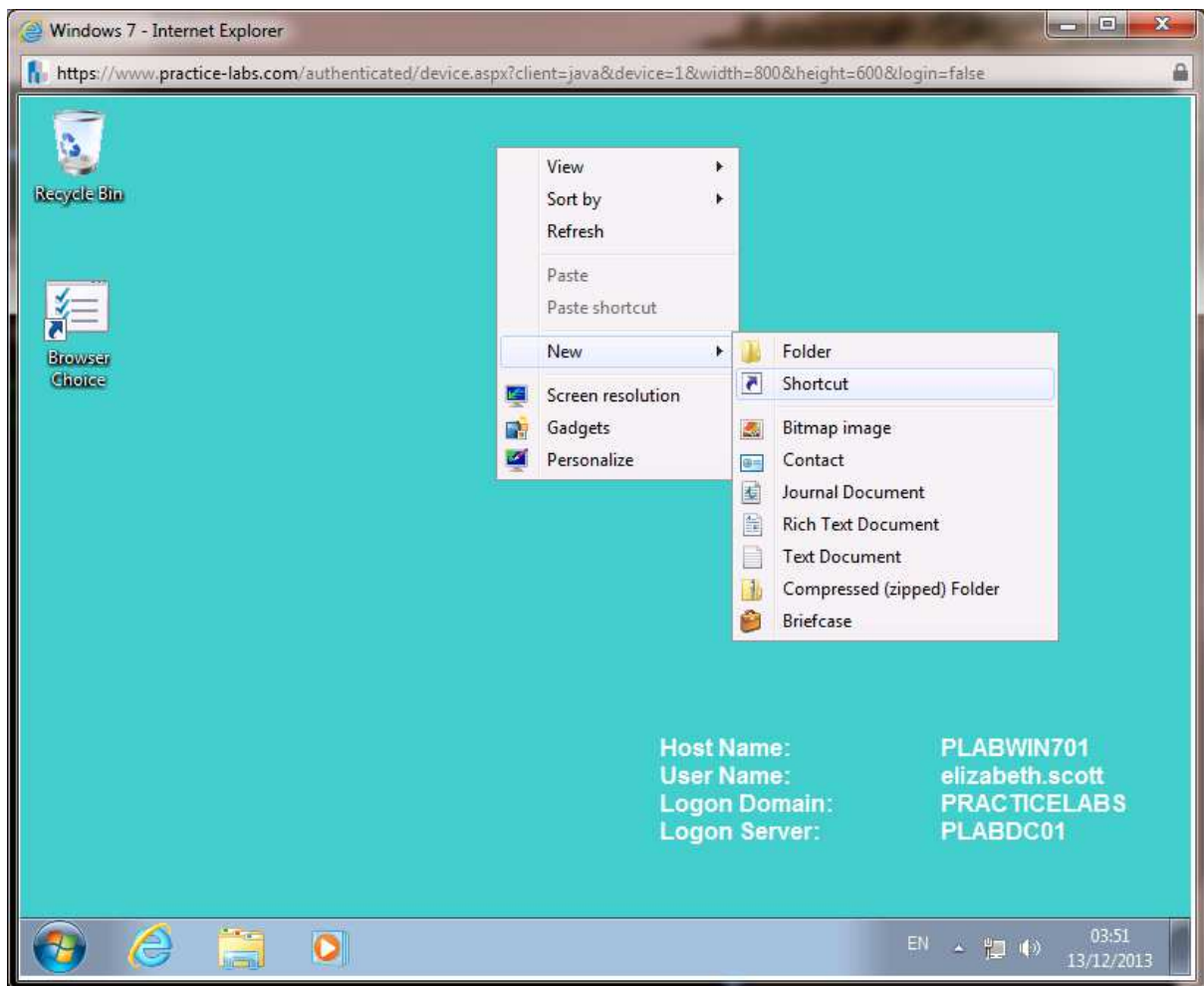
Step 3

On **BGInfo License Agreement** page, click **Agree**.



Step 4

Right-click on Desktop and choose **New > Shortcut**.

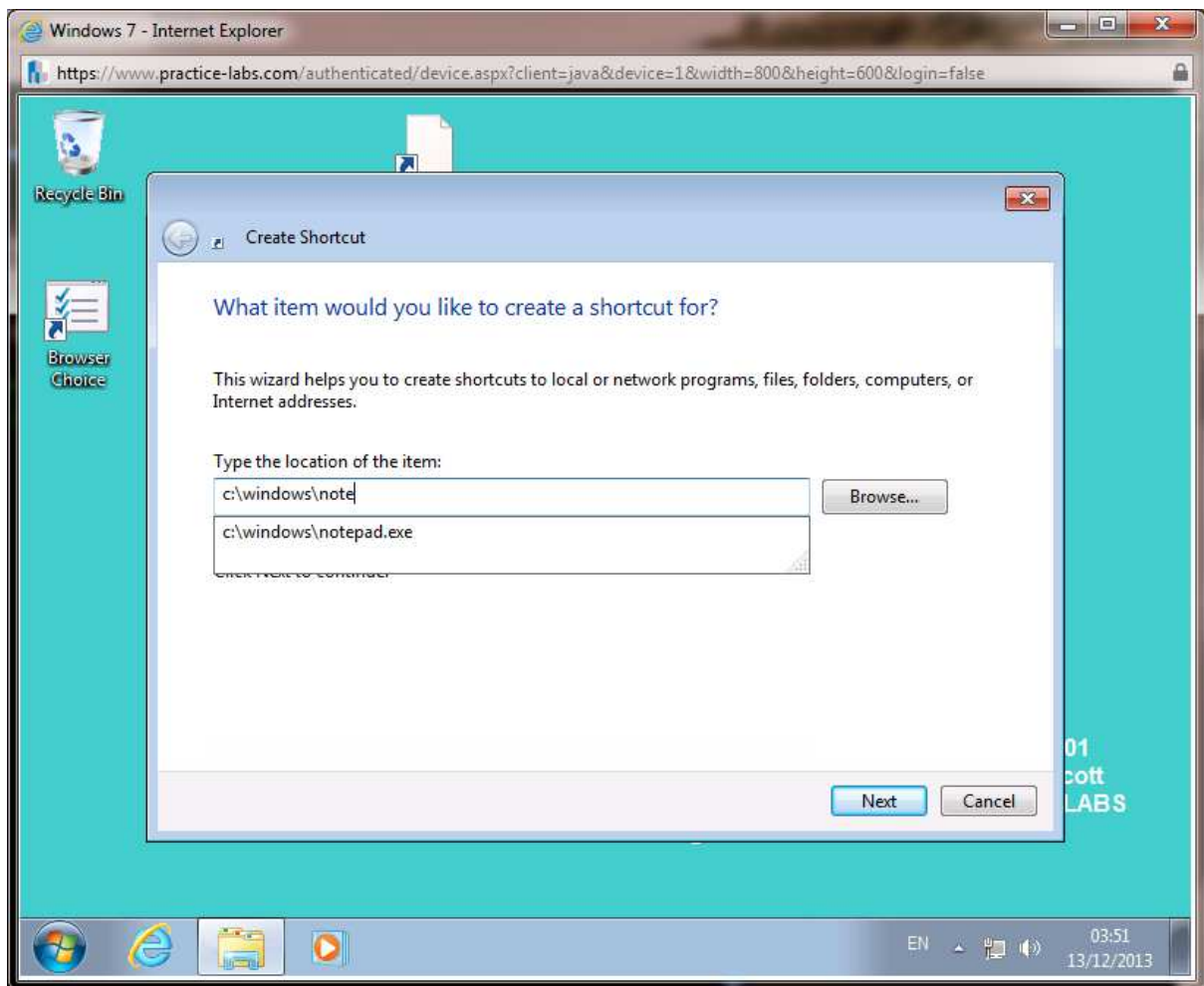


Step 5

From **What would like to create a shortcut for?** Type the following in the text box

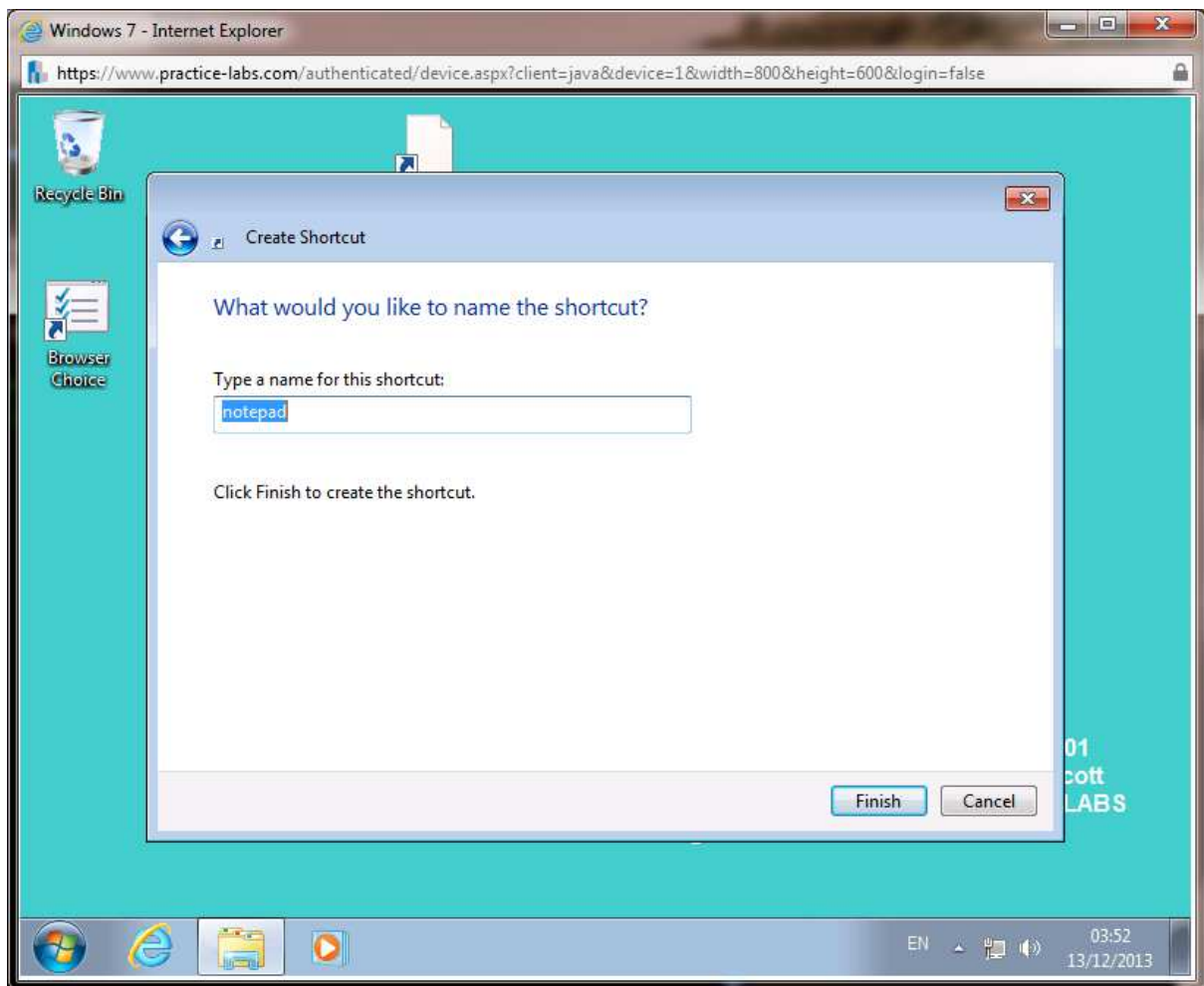
C:\windows\notepad.exe

Click **Next**.



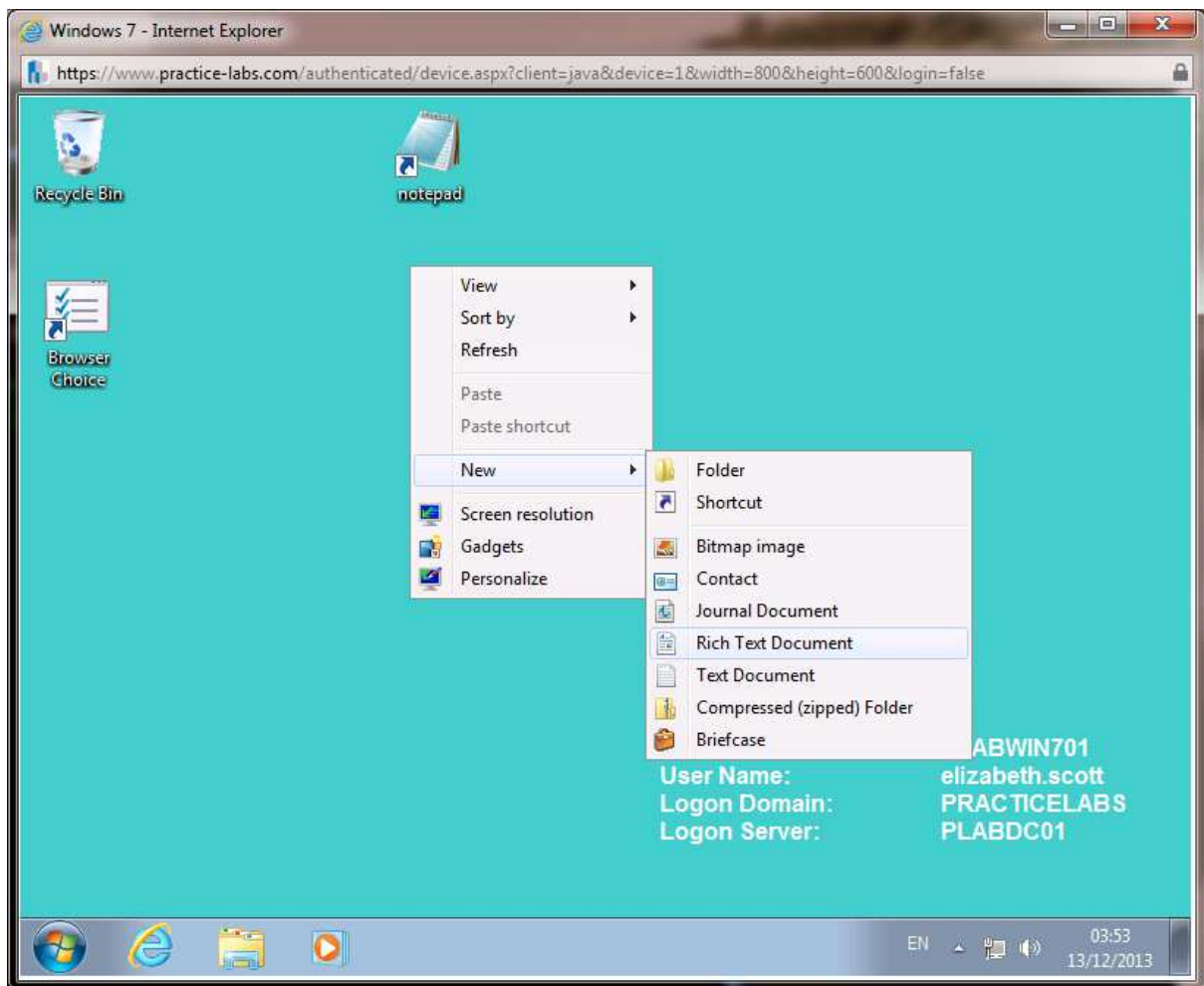
Step 6

On **What would like to name the shortcut?** Leave the default name and click **Finish**.



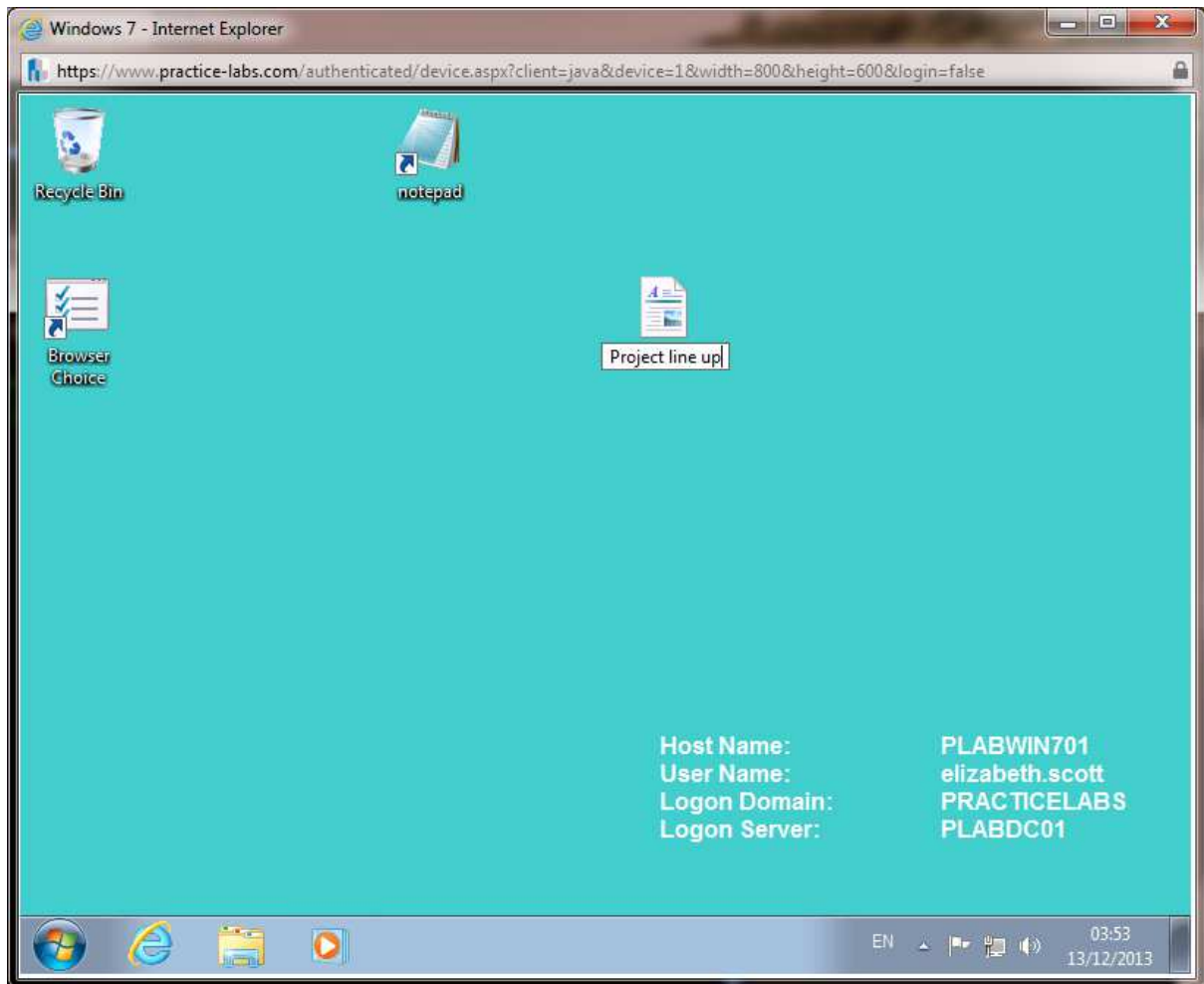
Step 7

Right-click again on desktop and choose **New > Rich Text Document**.



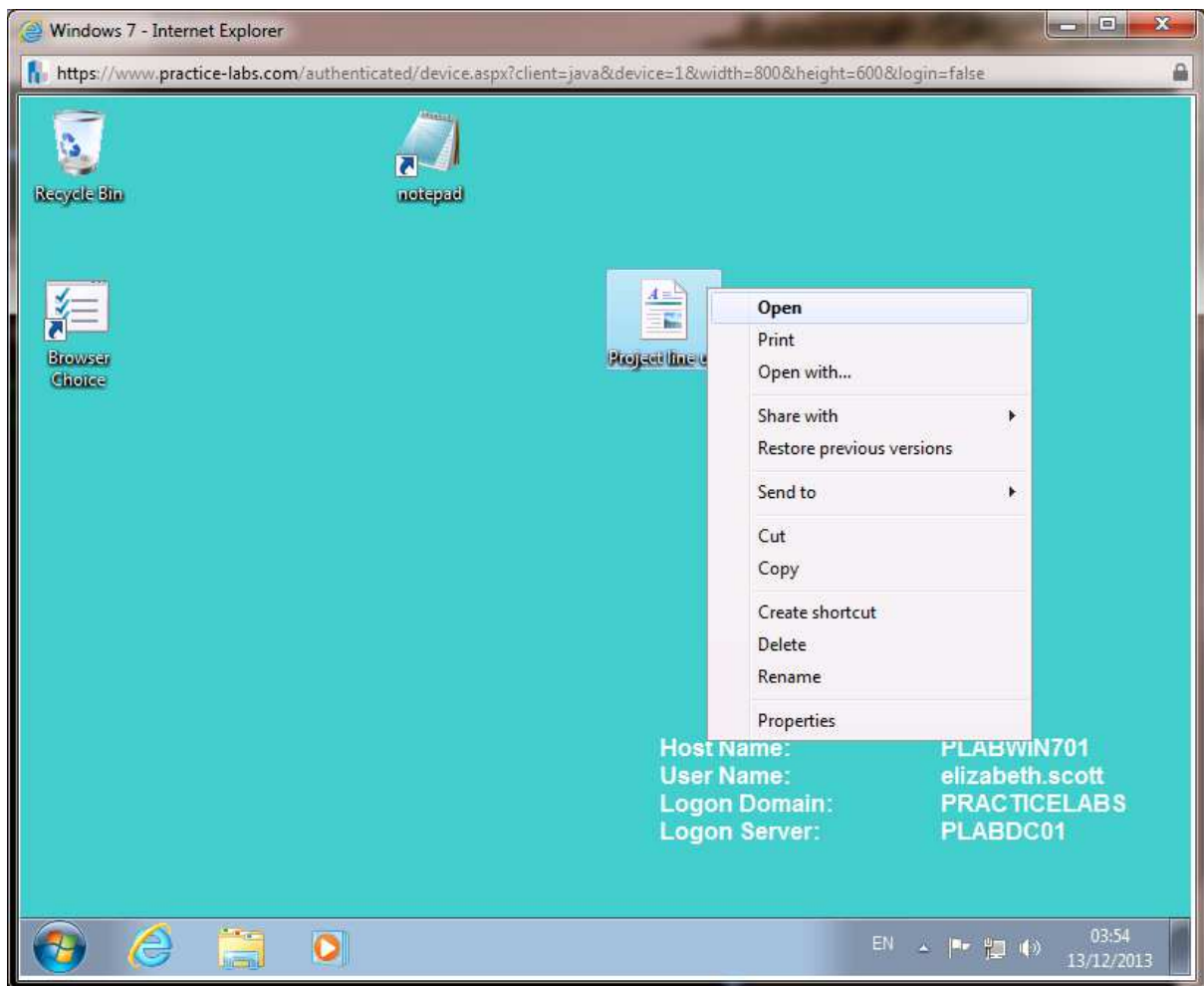
Step 8

Rename the rich text document as **Project line up**.



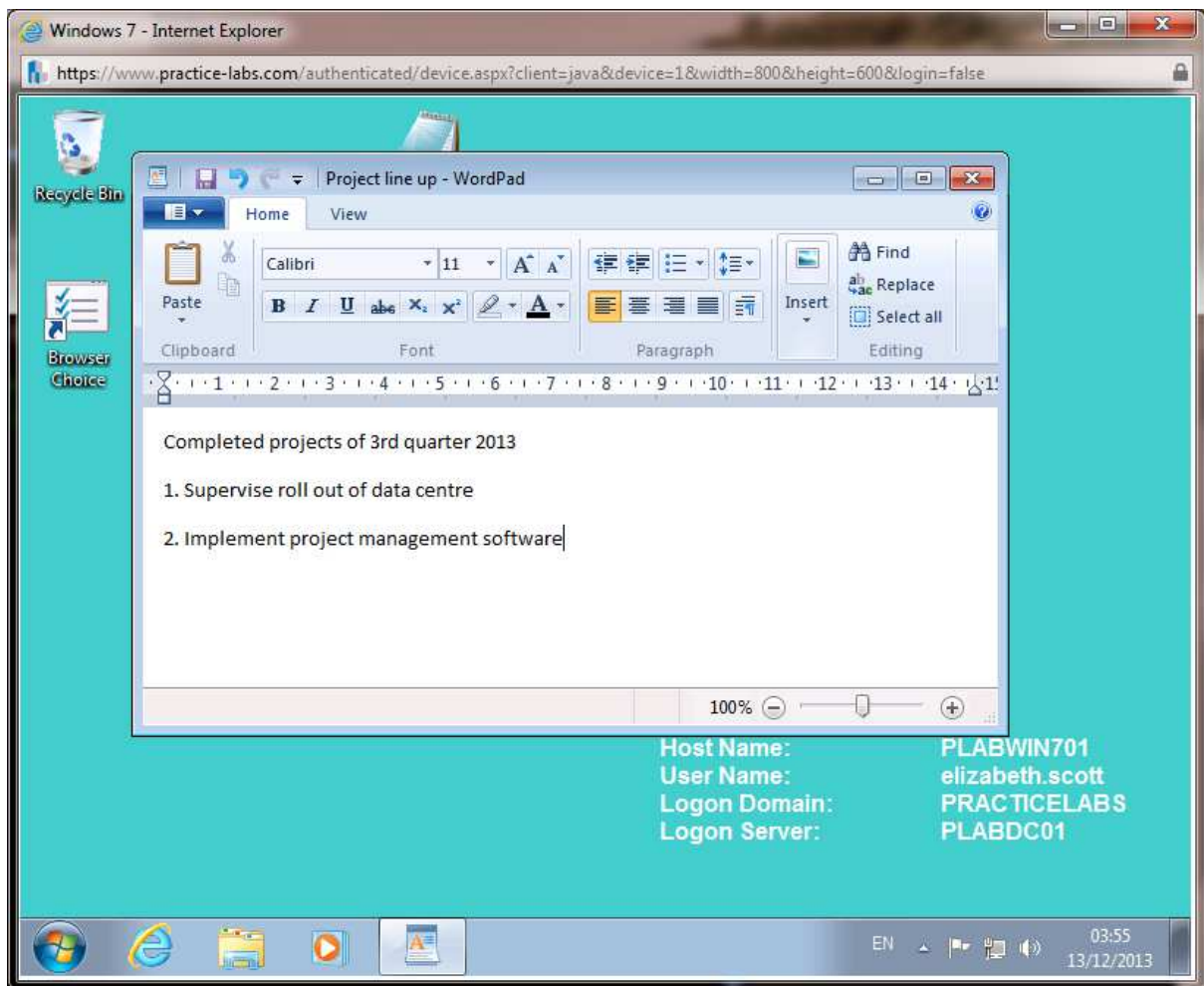
Step 9

Right-click on **Project line-up** and choose **Open**.



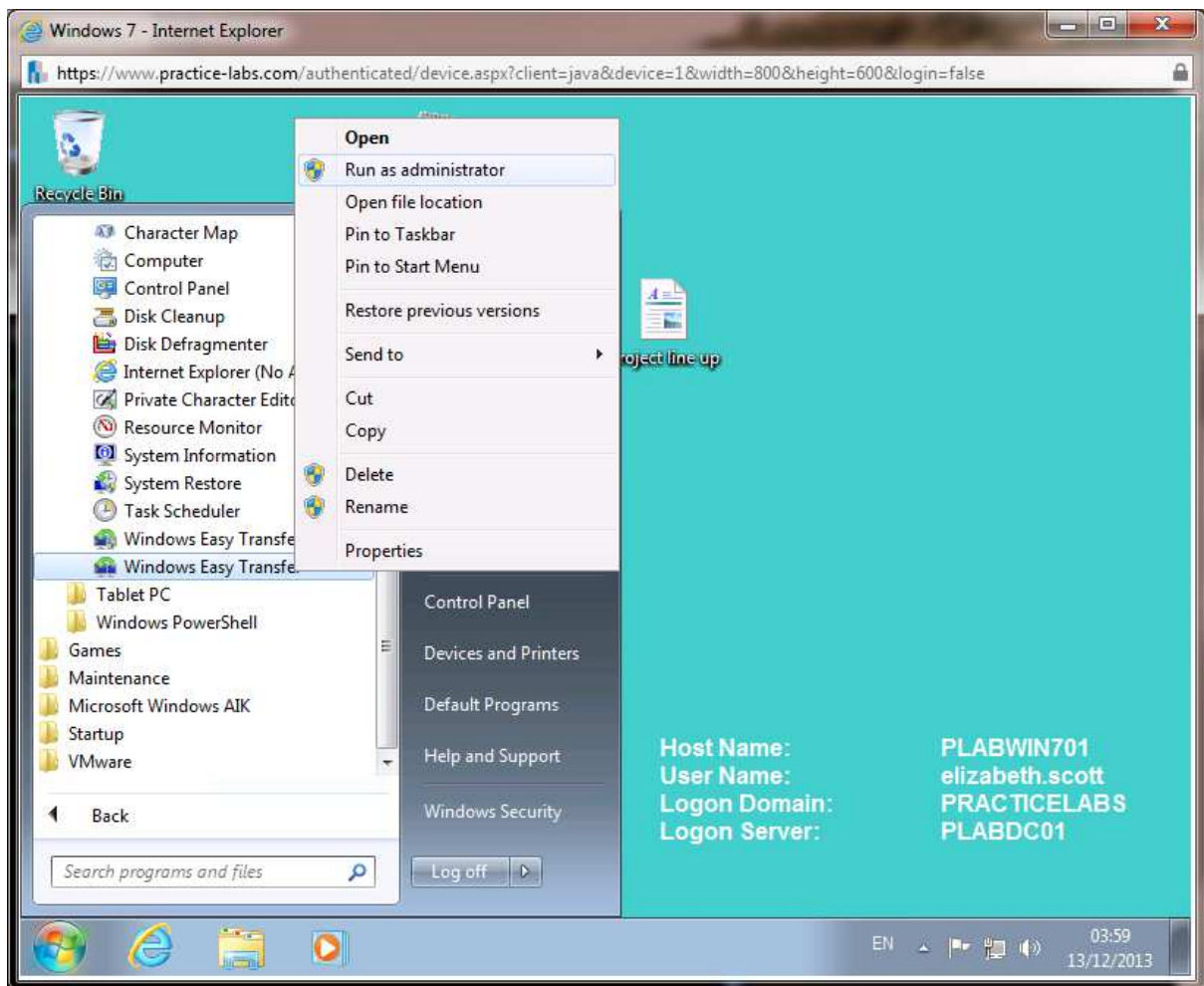
Step 10

Type a one-liner text in the open rich text document. Then save and close the file.



Step 11

Click **Start > All Programs > Accessories > System Tools**. Right-click on **Windows Easy Transfer**, then choose **Run as administrator**.



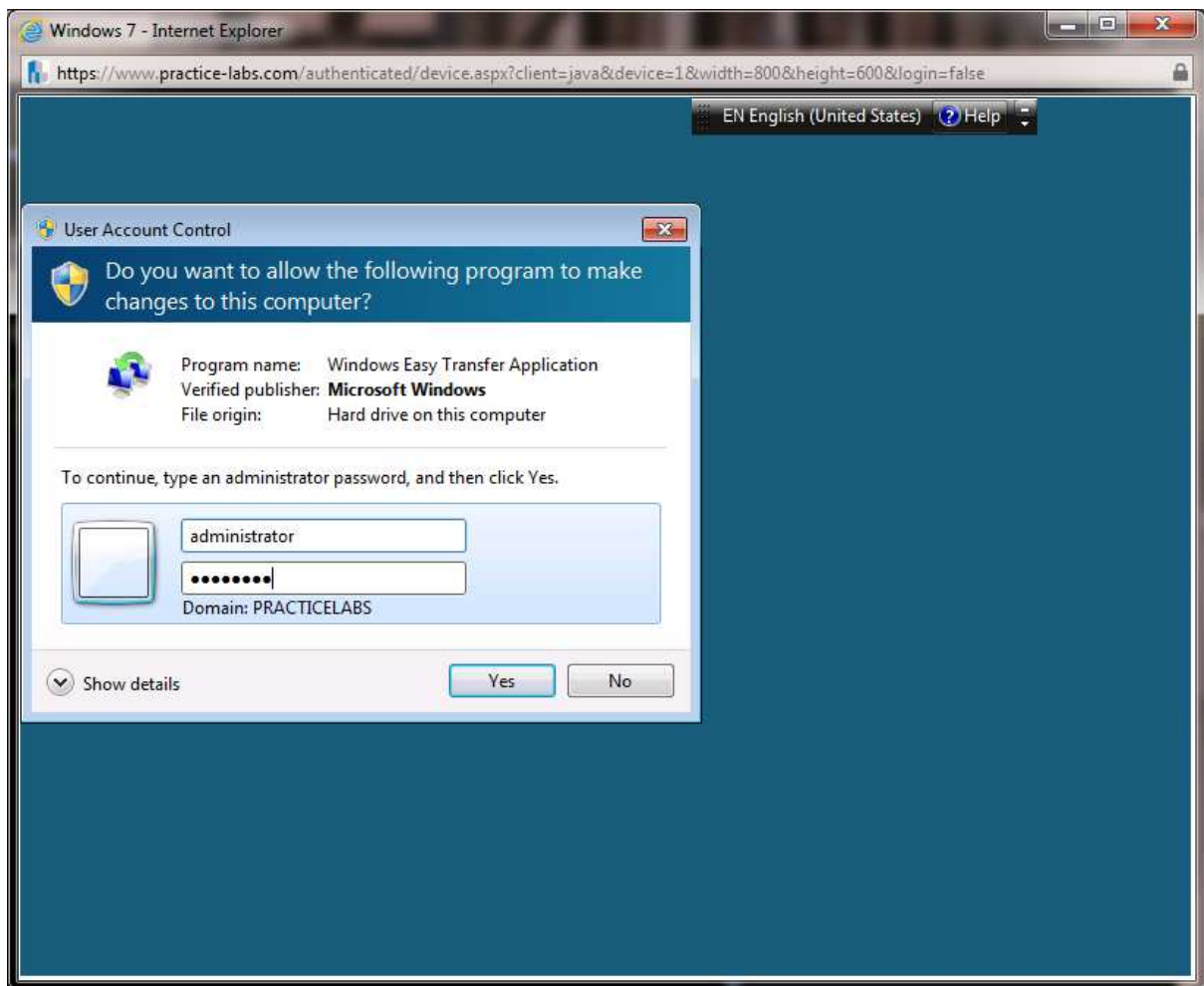
Step 12

From **User Account Control**, use the following credential:

Administrator

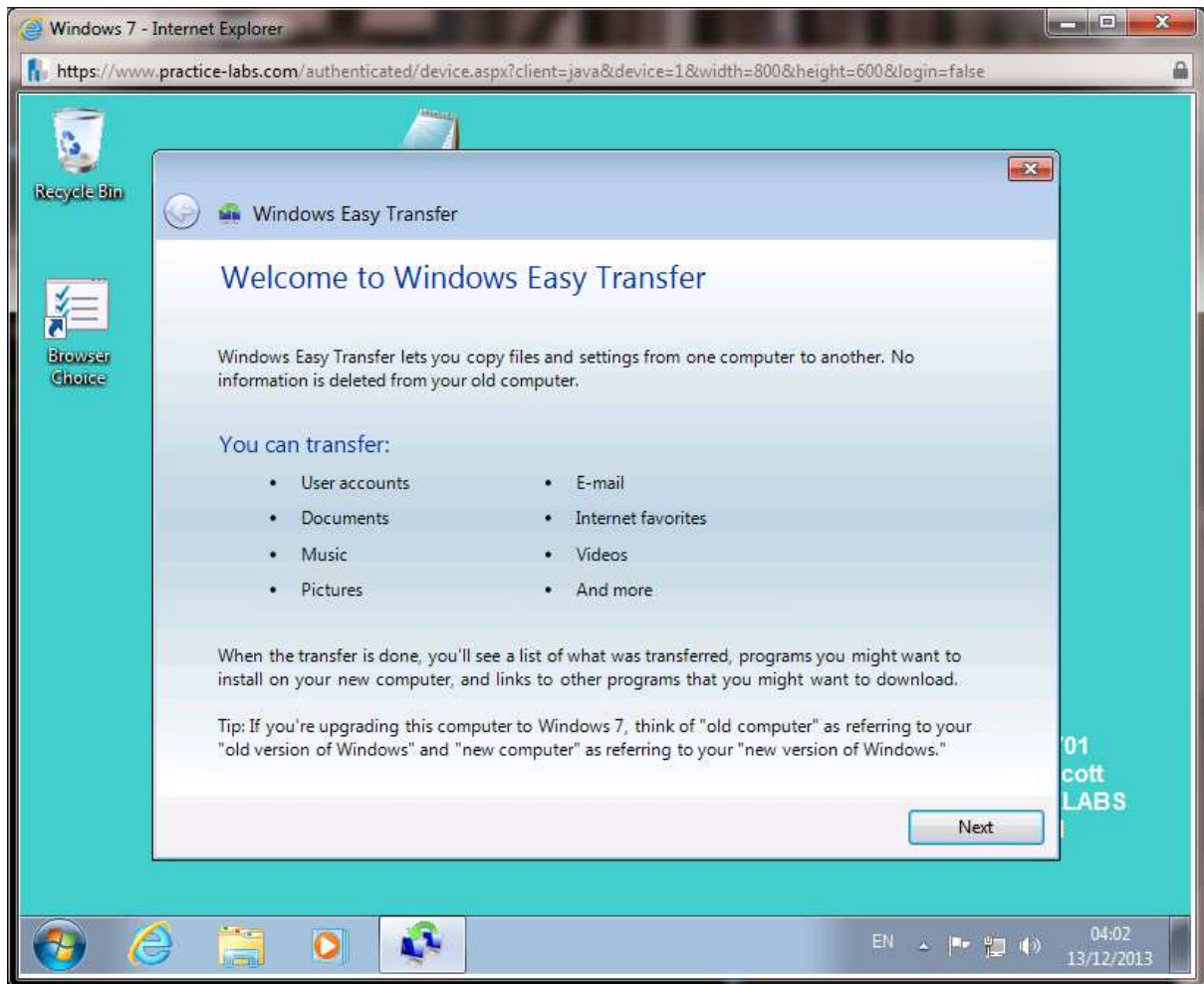
Passw0rd

Click **Yes**.



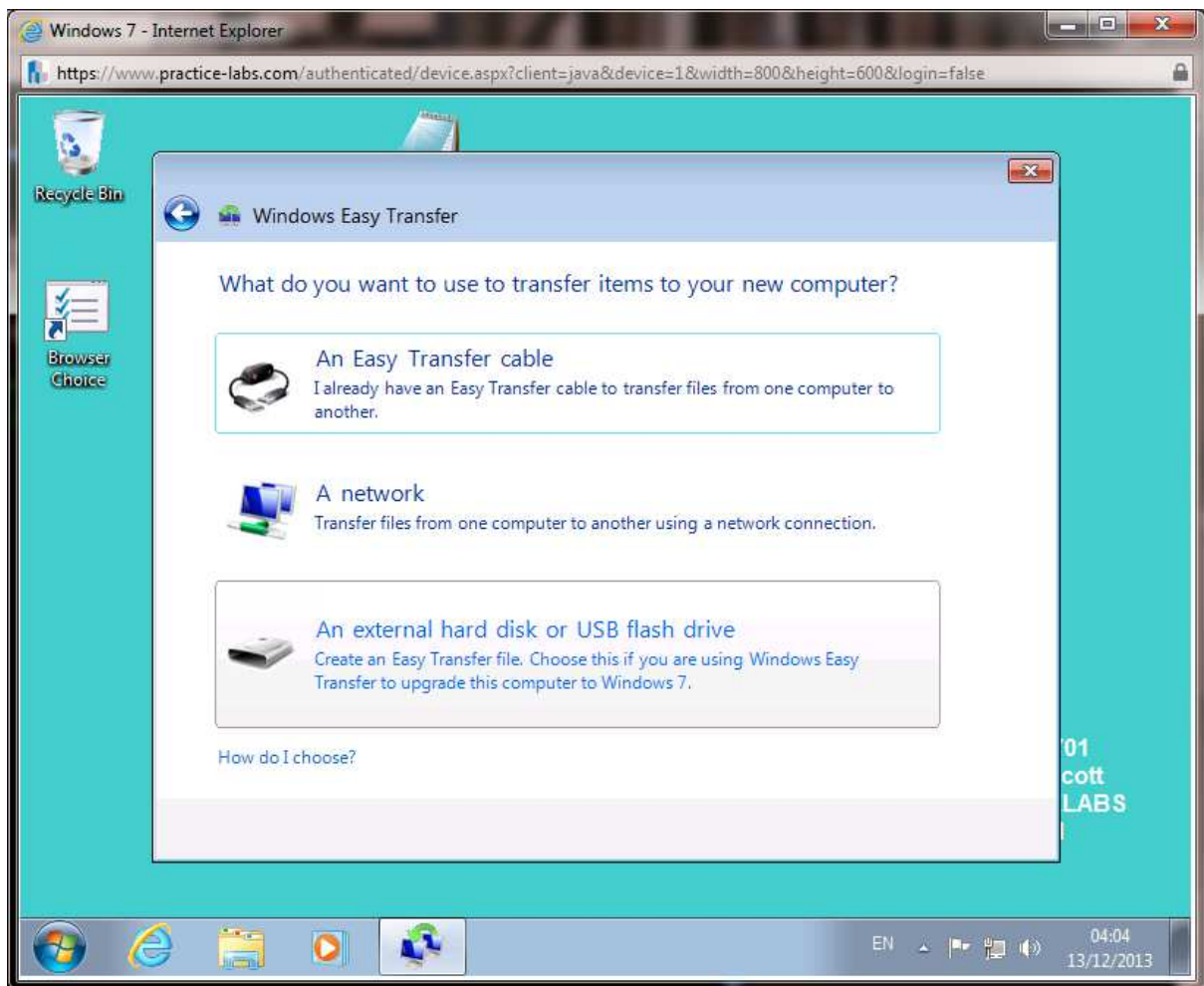
Step 13

From **Welcome to Windows Easy Transfer** screen, click **Next**.



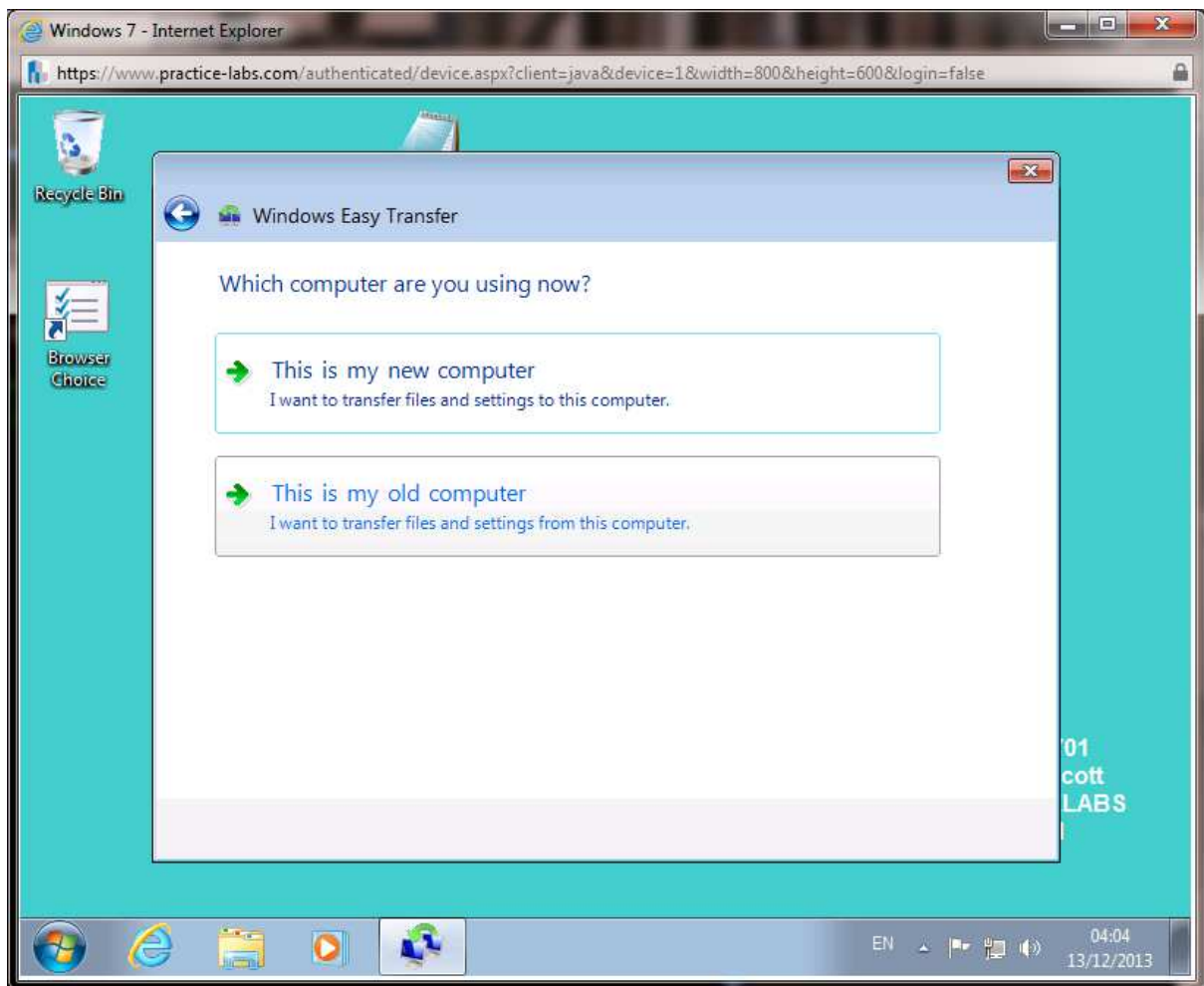
Step 14

On **What do you want to use to transfer items to your new PC?** Click **An external hard disk or USB flash drive?**



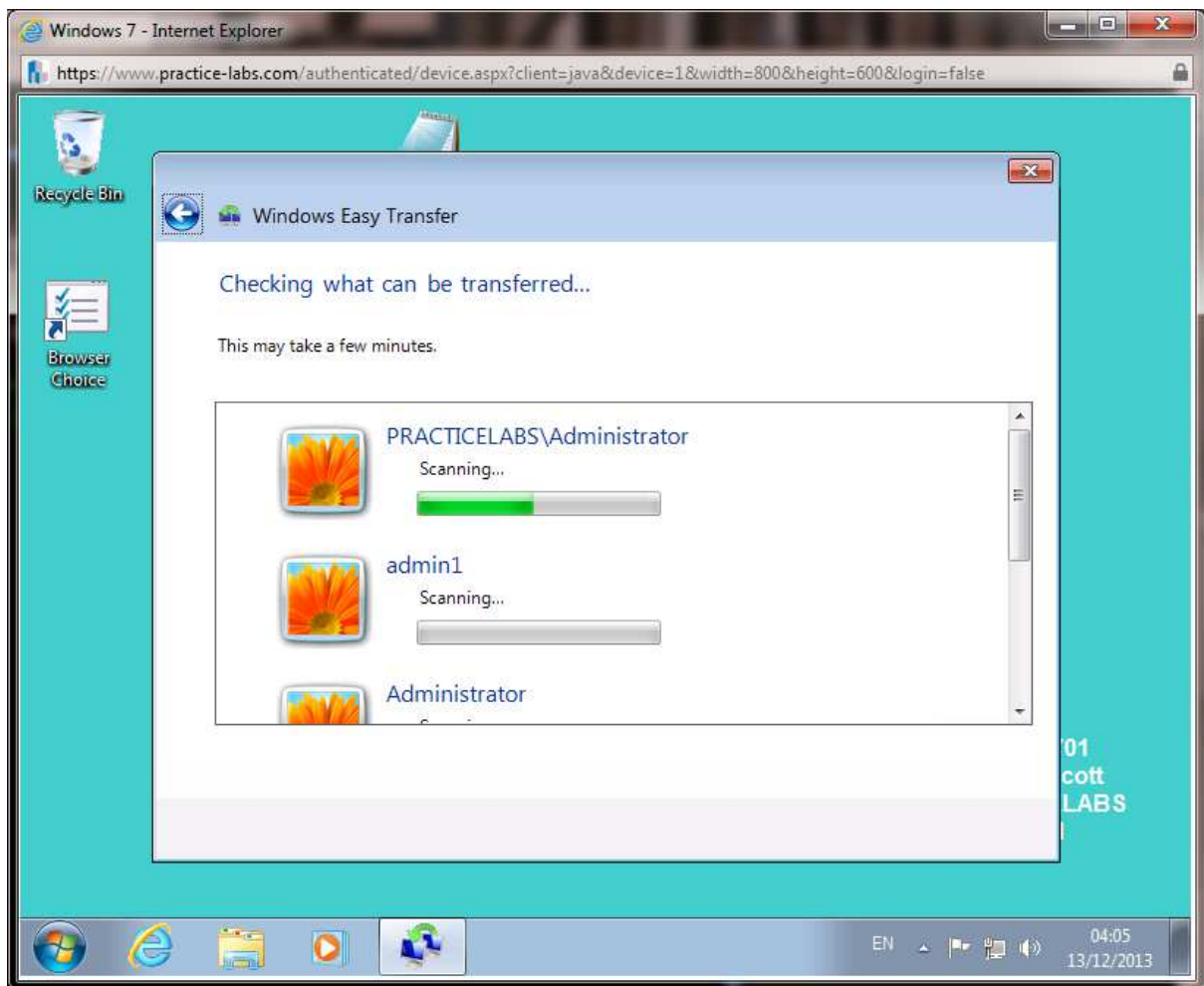
Step 15

On **Which computer are you using now?** Choose **This is my old computer.**



Step 16

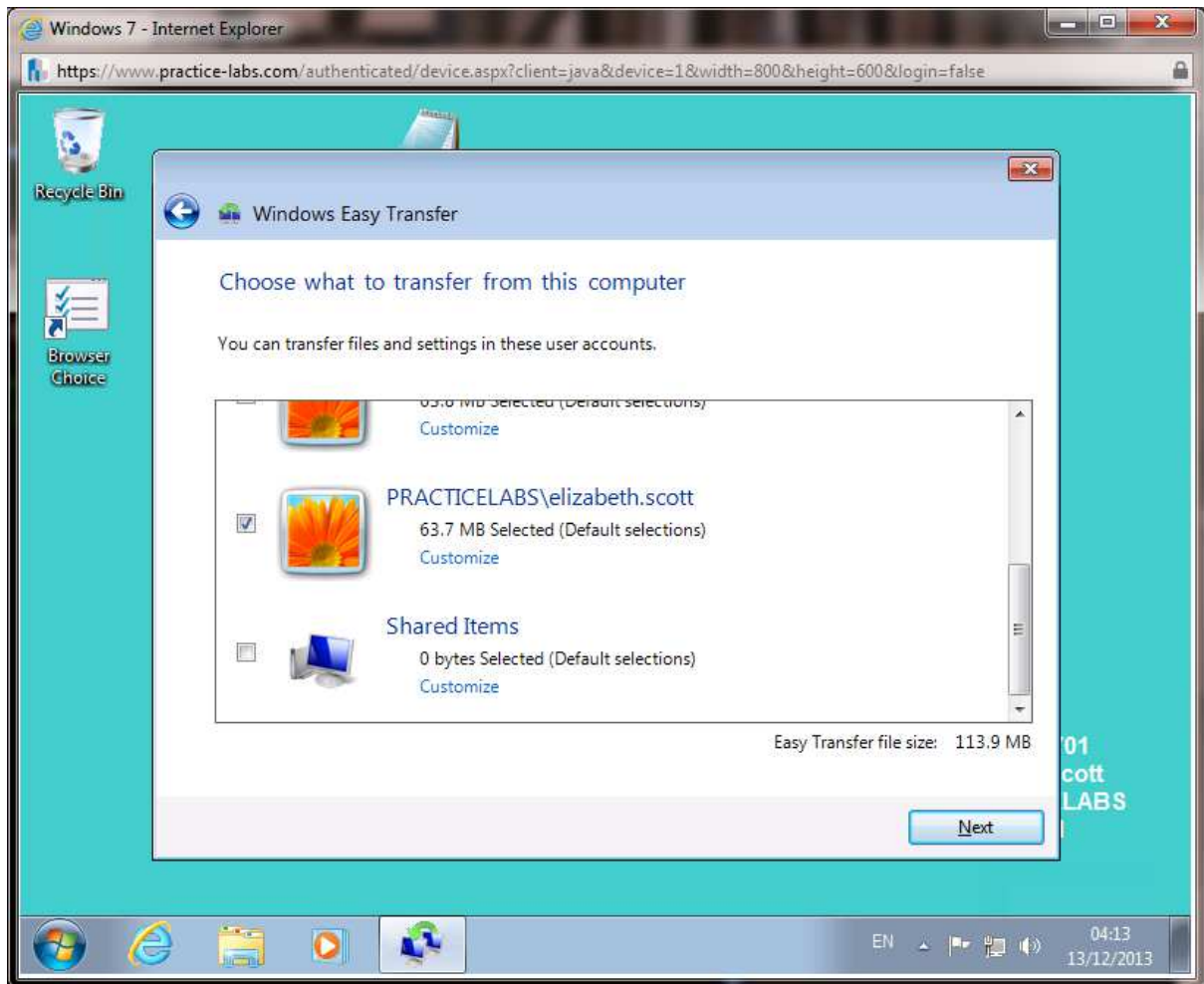
Wait for **Checking what can be transferred** is done verifying.



Step 17

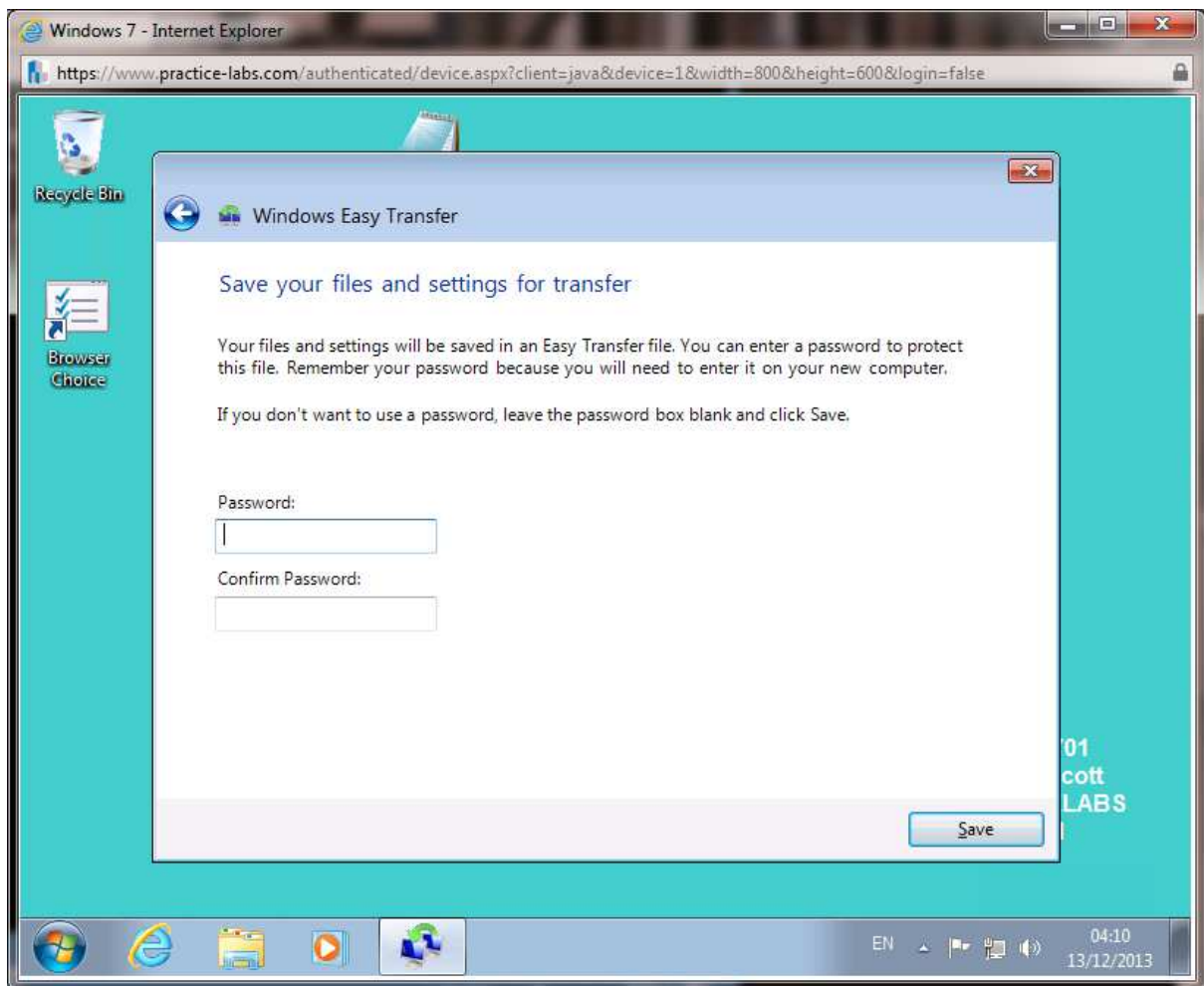
On **Choose what to transfer from this computer**, clear **Shared Items** box and click **Next**.

Note: This transfer may take a few minutes because of the size of user profiles.



Step 18

From **Save your files and settings for transfer**, don't enter a password and then click **Save**.

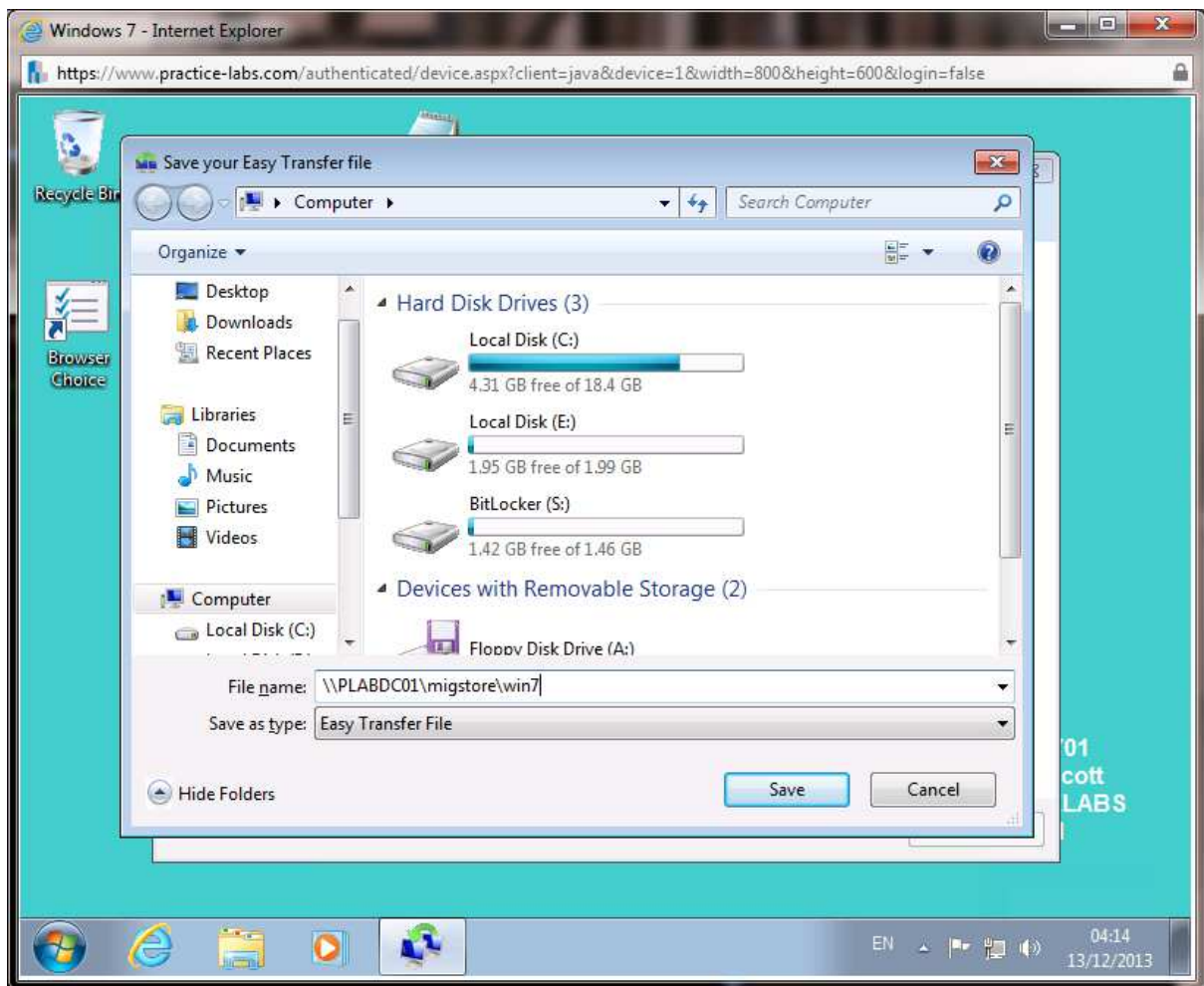


Step 19

On **Save your Easy Transfer file**, click in **File name** box and type

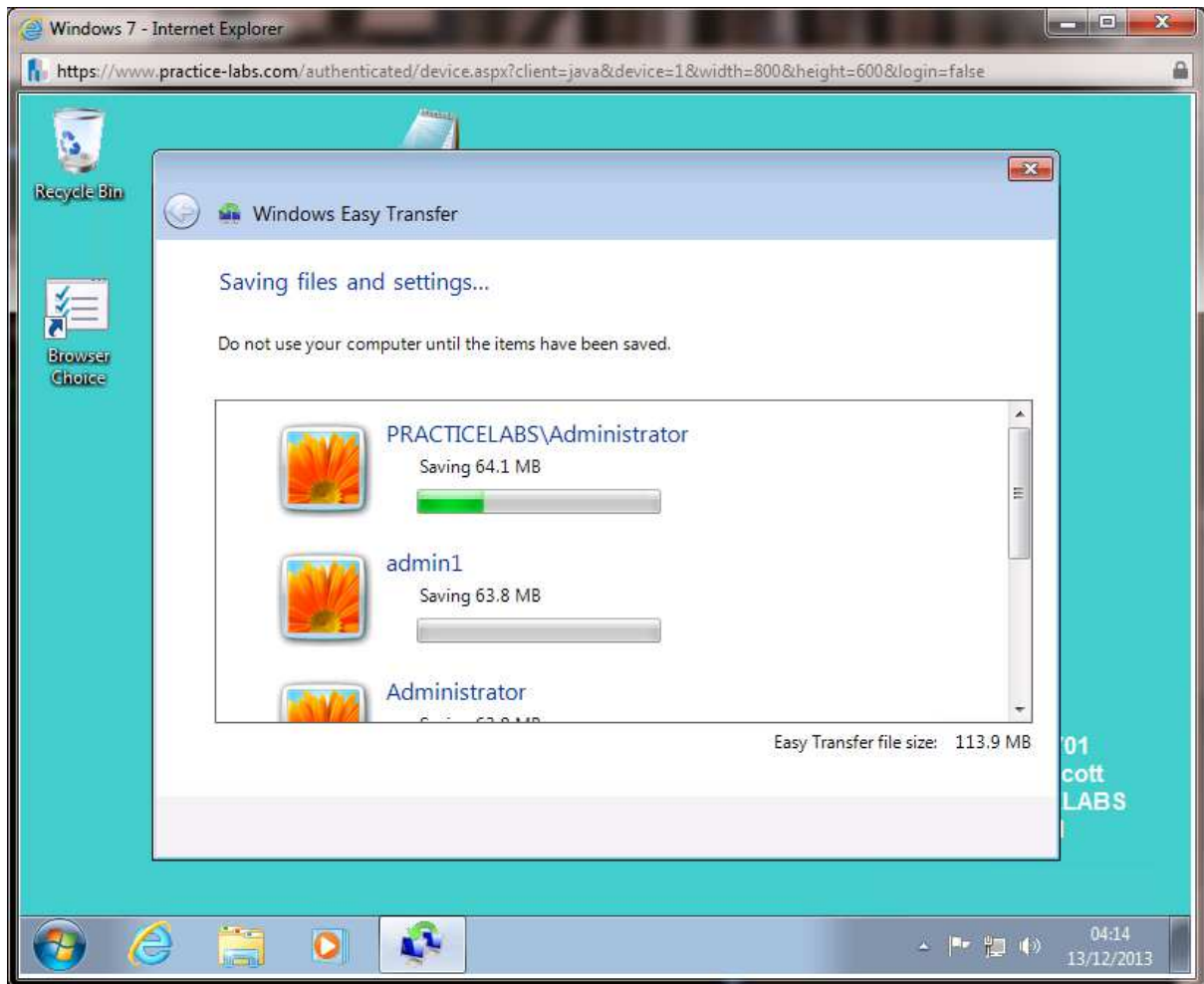
\\PLABDC01\migstore\win7

Click **Save**.



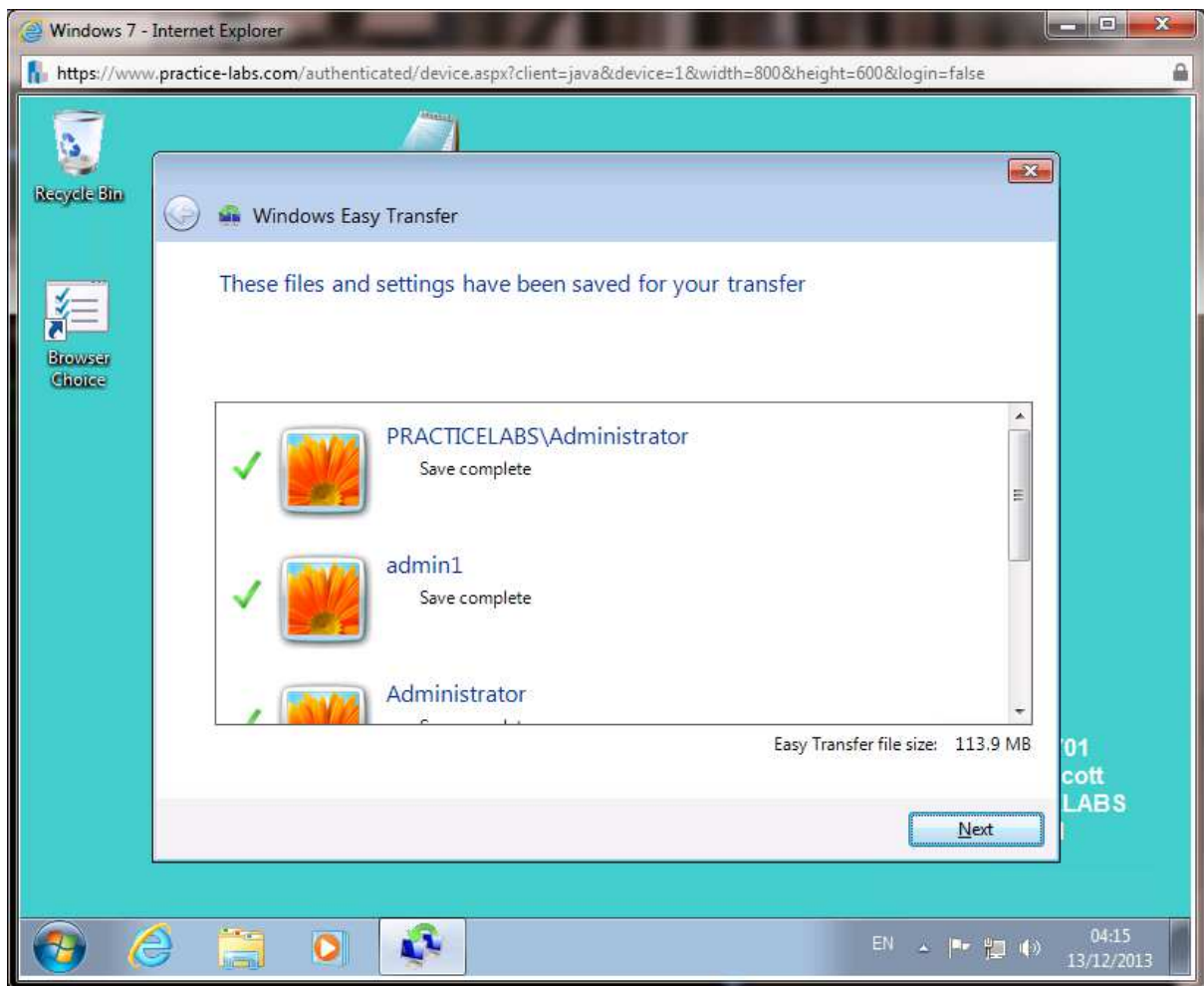
Step 20

Wait for **Saving files and settings...** to complete the process.



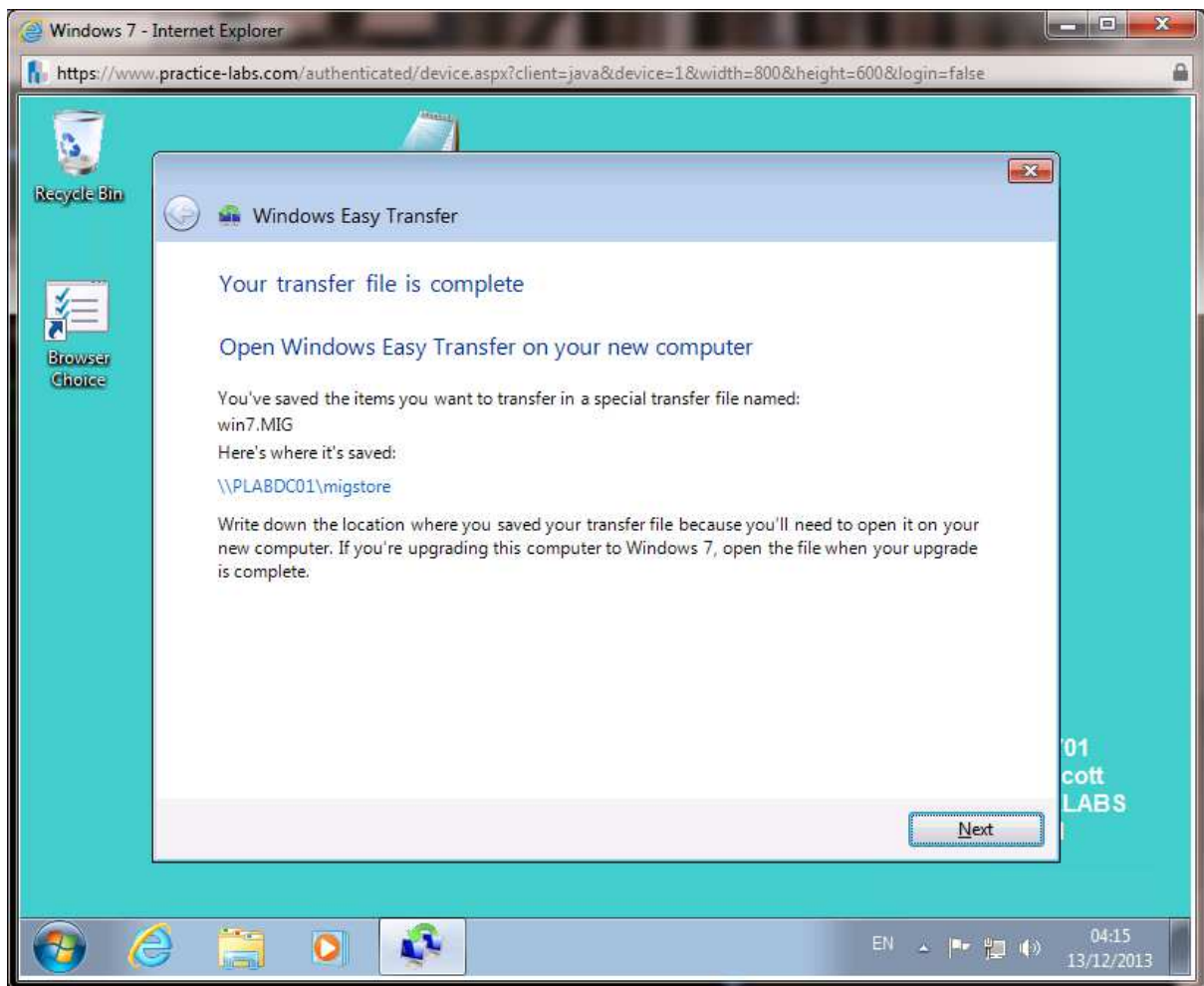
Step 21

When **These files and settings have been saved for your transfer** is displayed, click **Next**.



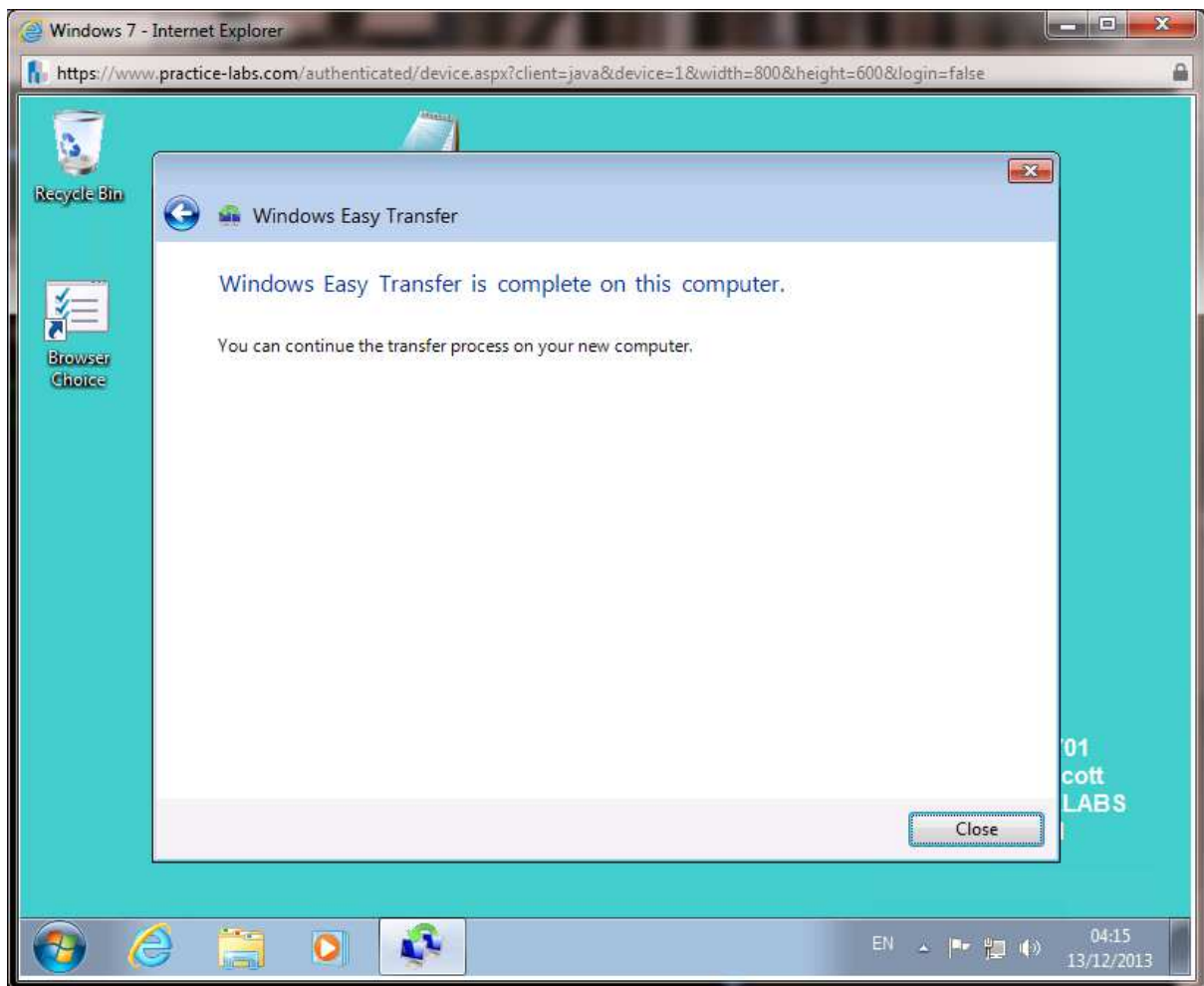
Step 22

From **Your transfer file is complete** screen, click **Next**.



Step 23

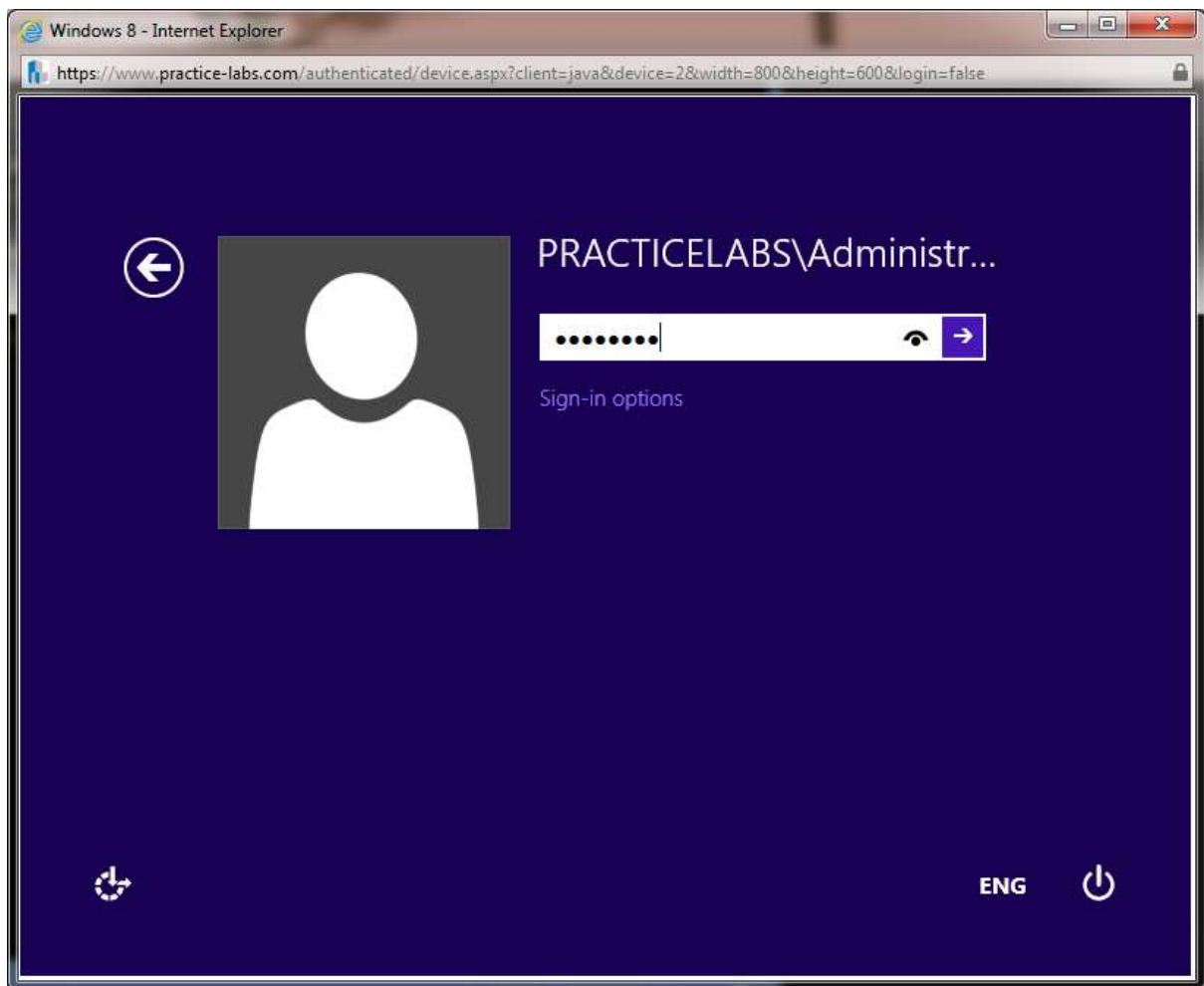
From **Windows Easy Transfer is complete on this computer**, click **Close**.



Task 2: Import User settings using Windows Easy Transfer

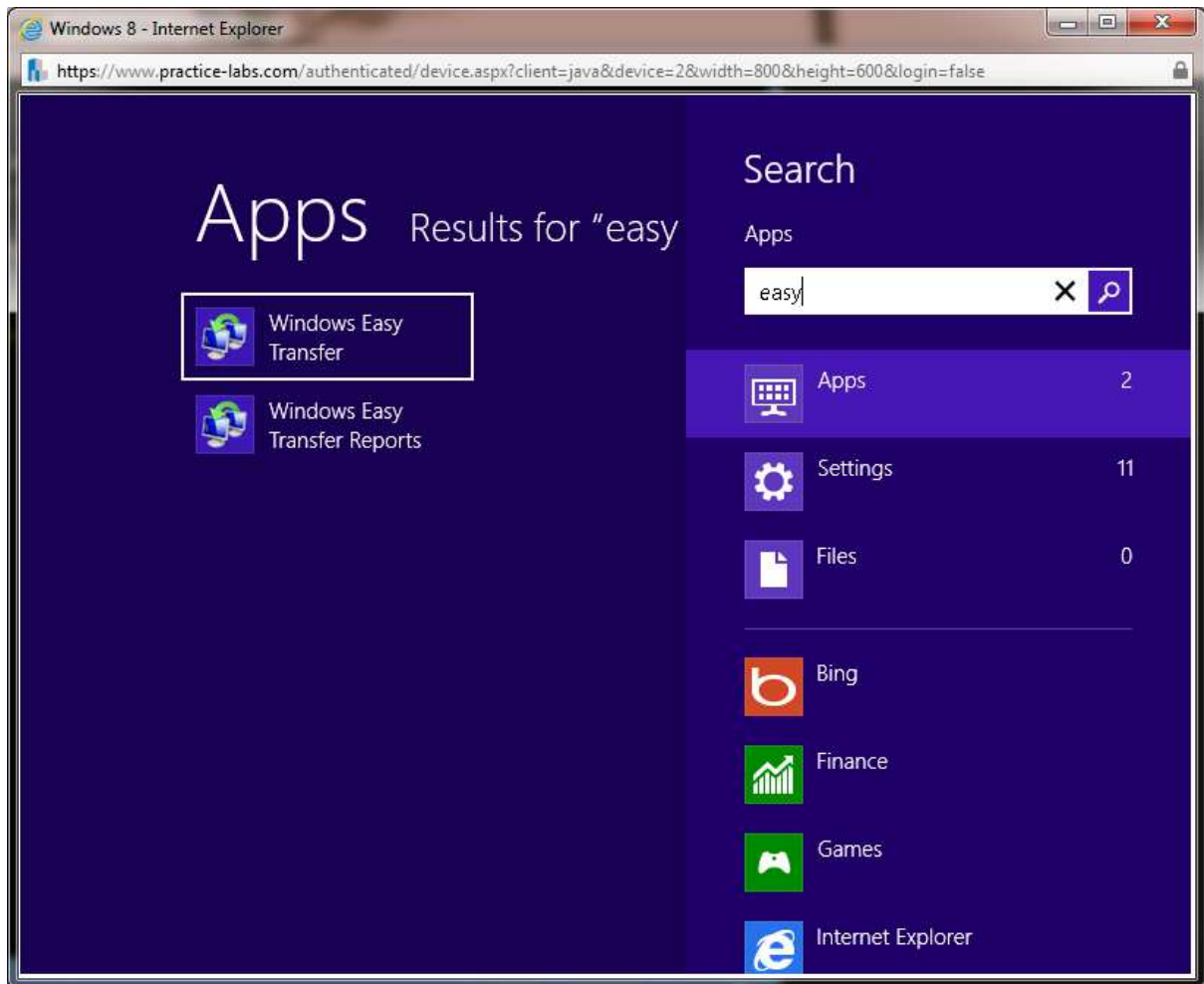
Step 1

Connect to **PLABWIN810**. Sign on as **practicelabs\administrator**, password is **Passw0rd**.



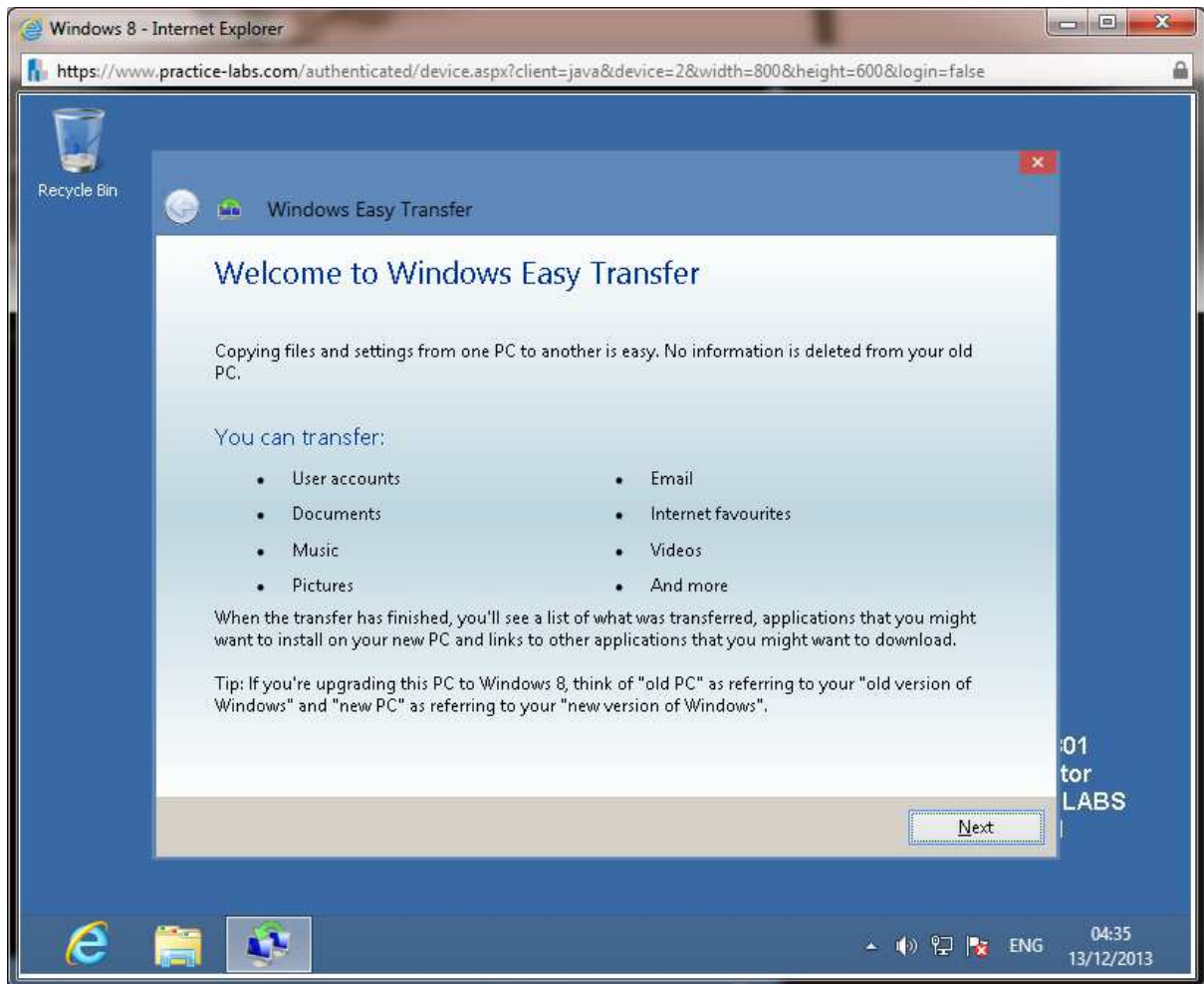
Step 2

From **Start** screen, type **easy** and click on **Windows Easy Transfer**.



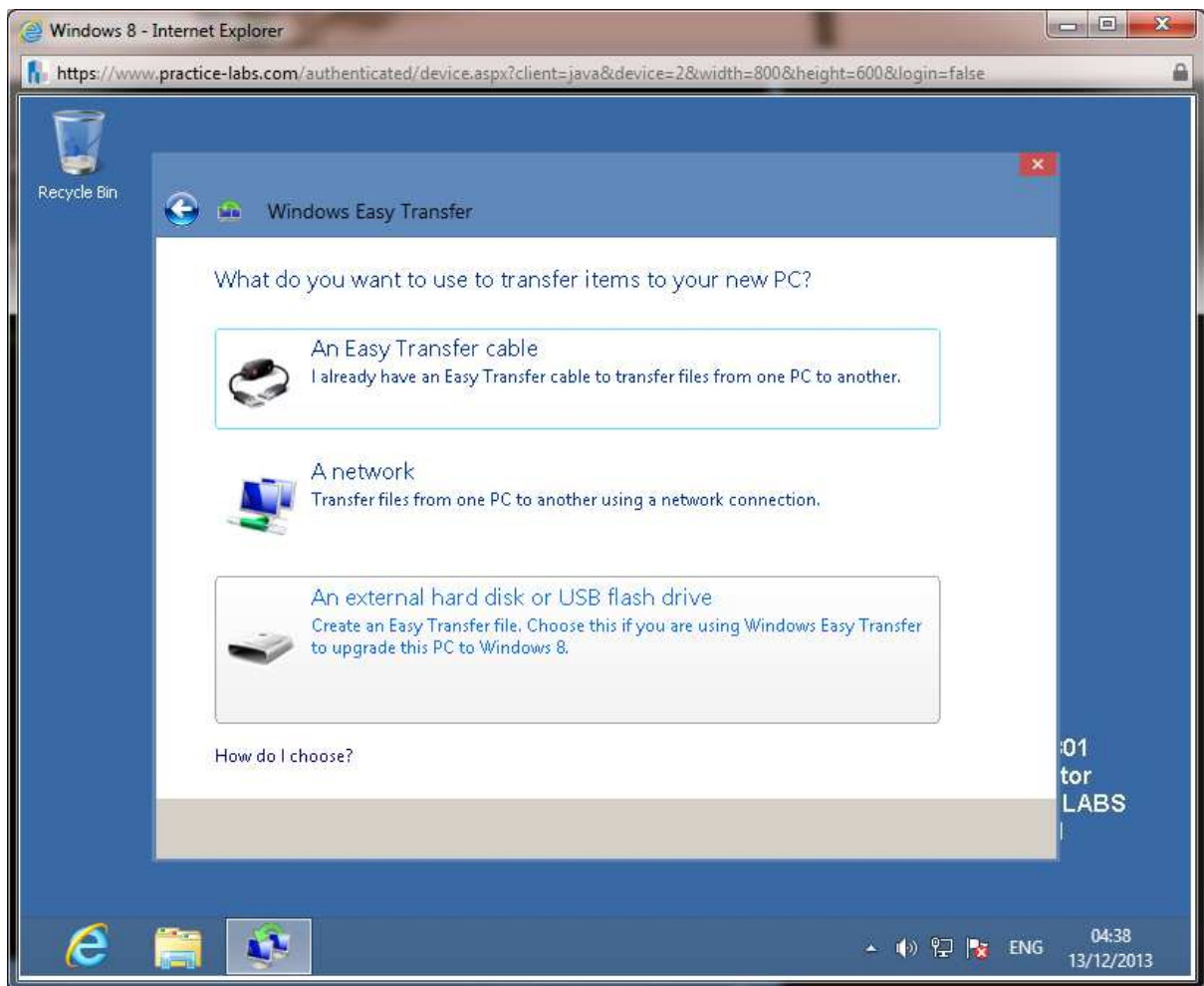
Step 3

From **Welcome to Windows Easy Transfer** screen, click **Next**.



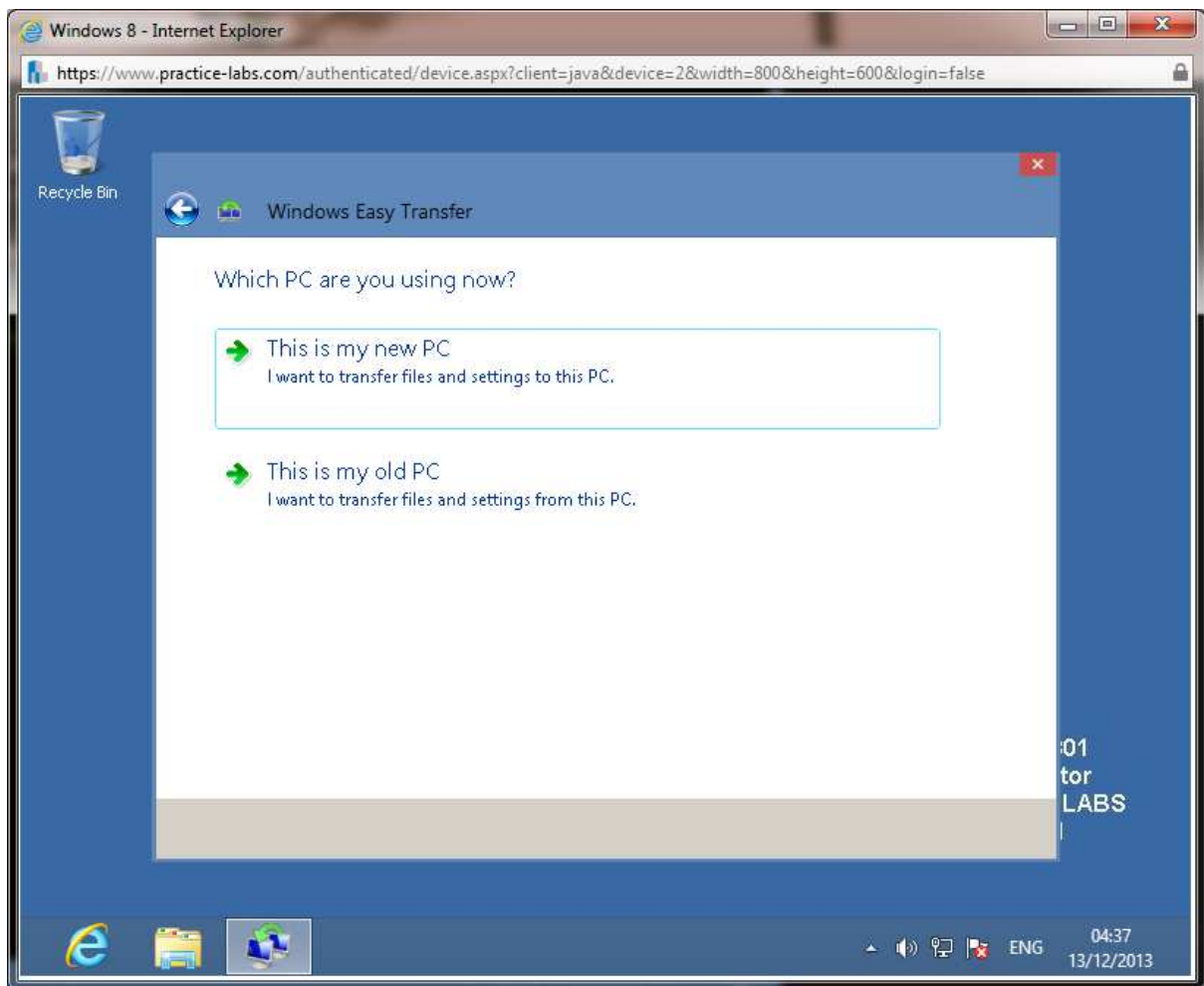
Step 4

On **What do you want to use to transfer items to your new PC?** Select **An external hard disk or USB flash drive.**



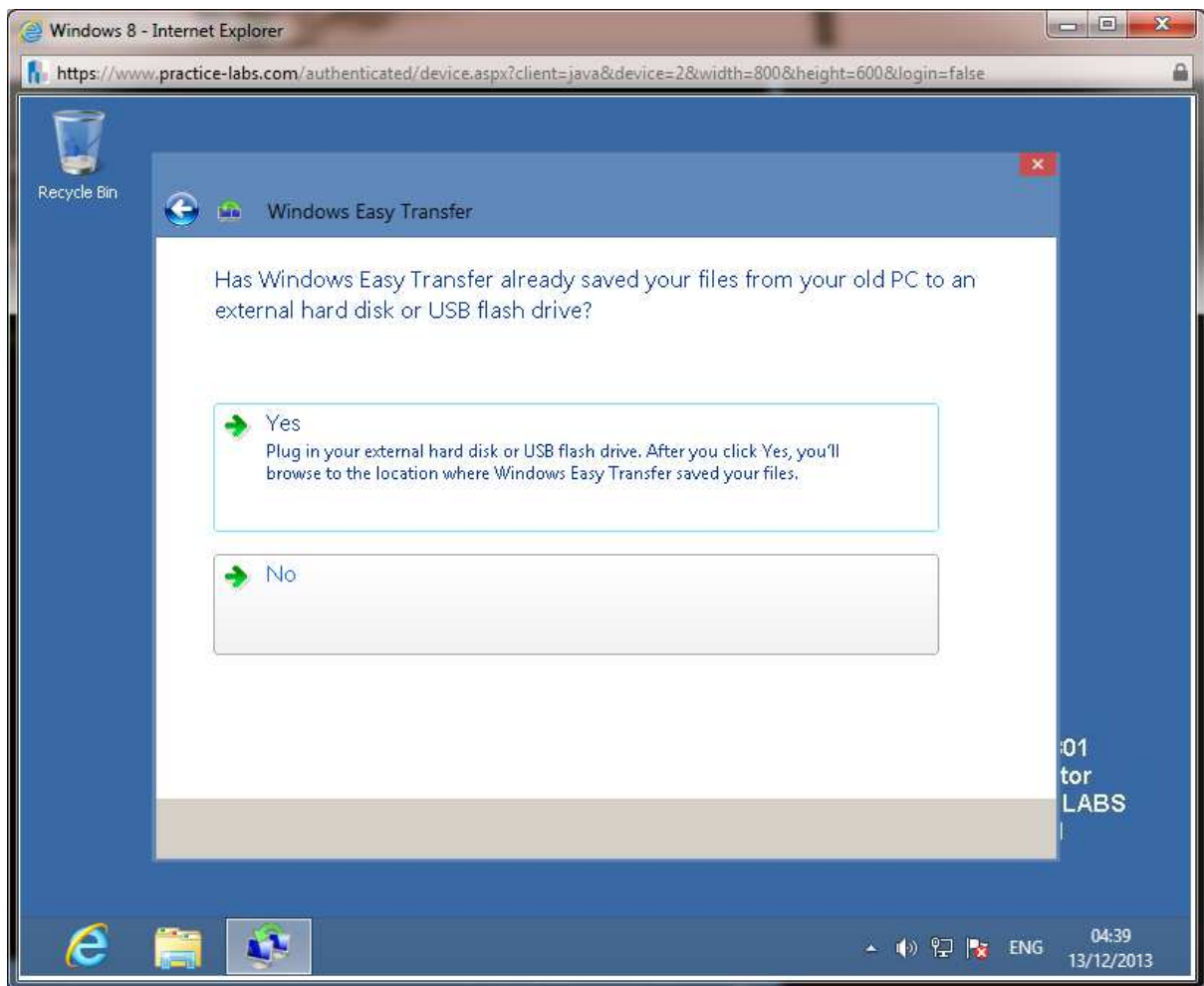
Step 5

On **Which PC are you using now?** screen, click **This is my new PC**.



Step 6

From "Has Windows Easy Transfer already saved your files from your old PC to an external hard disk or USB flash drive? Click Yes.

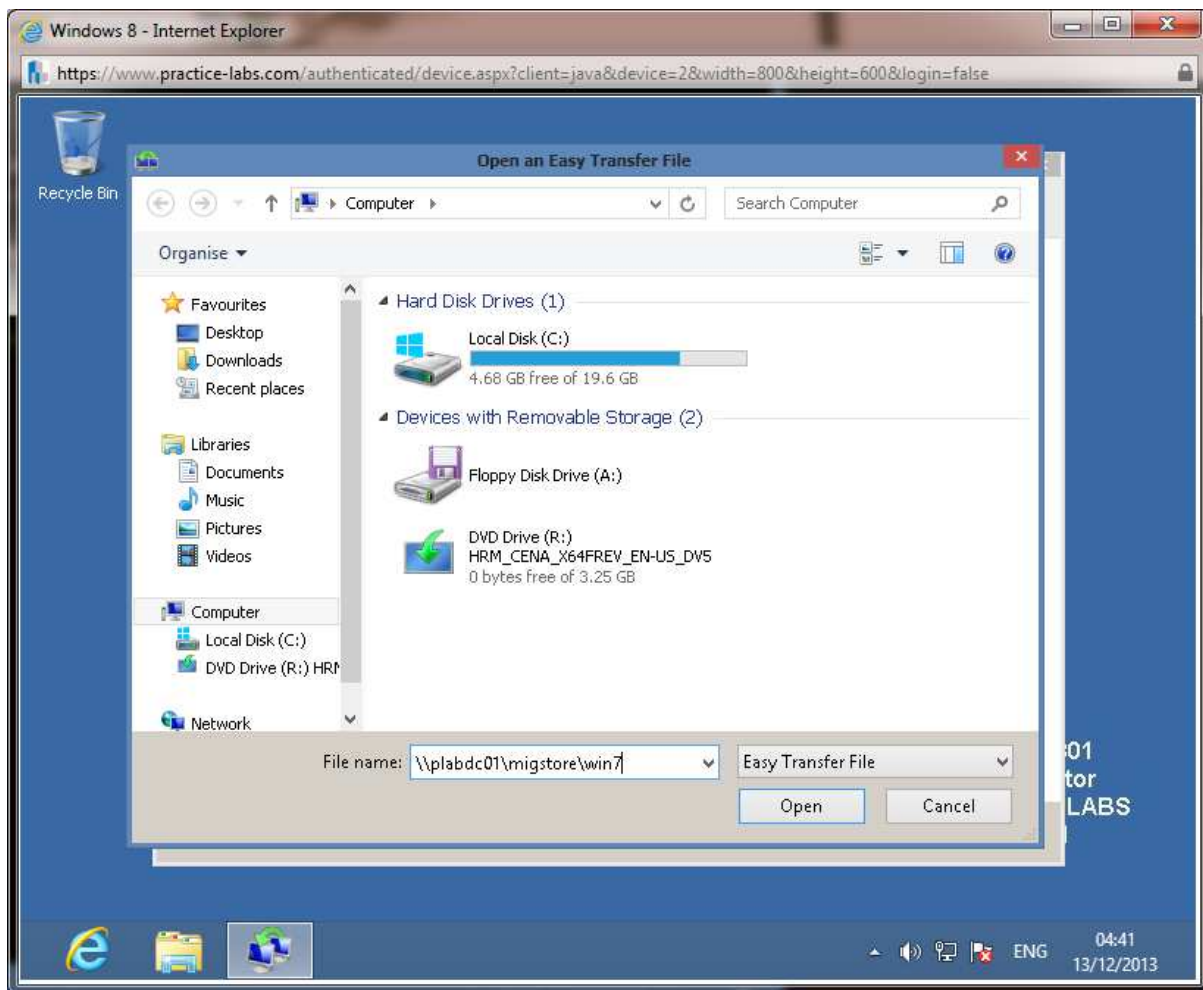


Step 7

From **Open an Easy Transfer File** dialogue, click on **File name** box and type

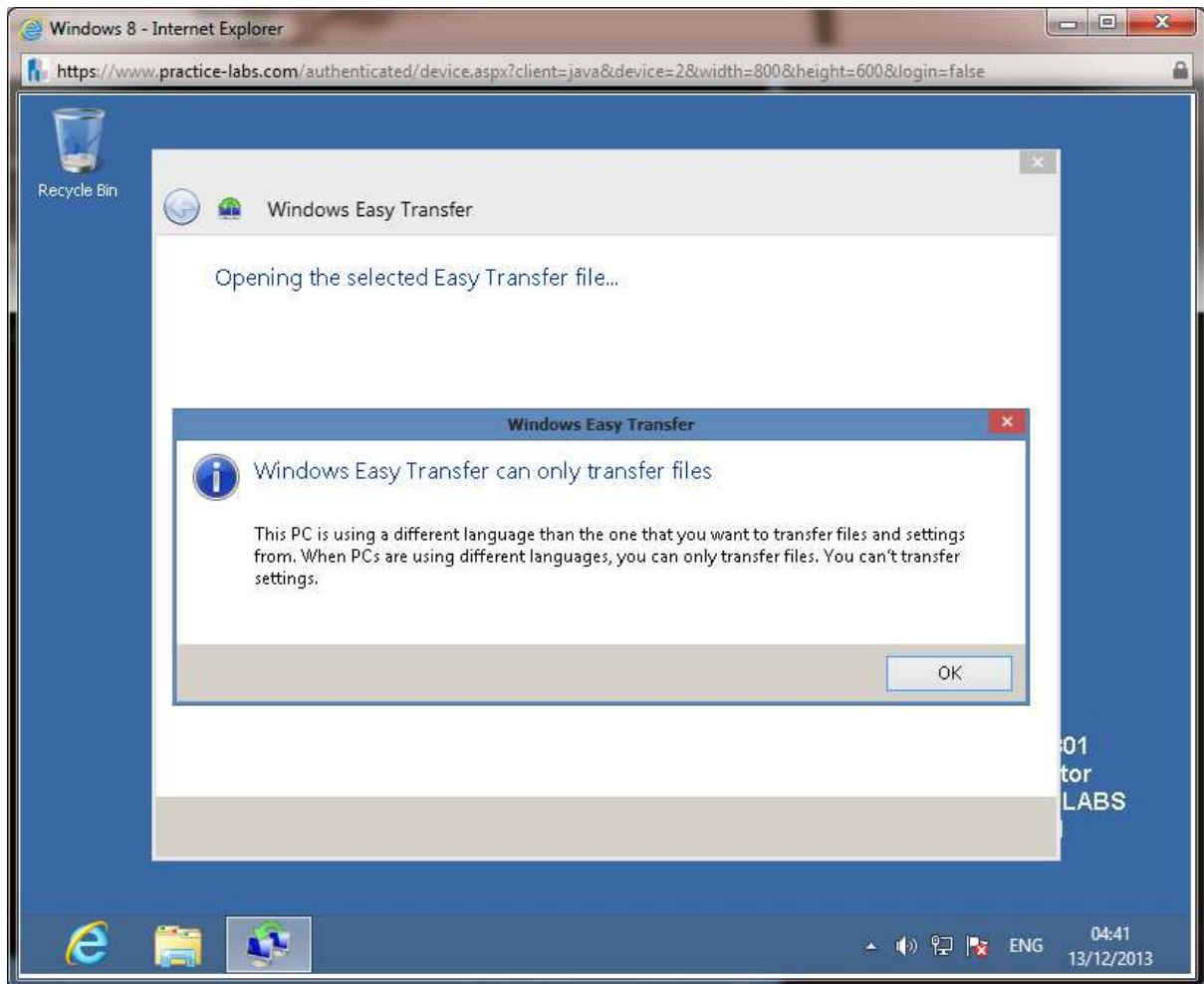
\\plabdc01\migstore\win7

Click **Open**.



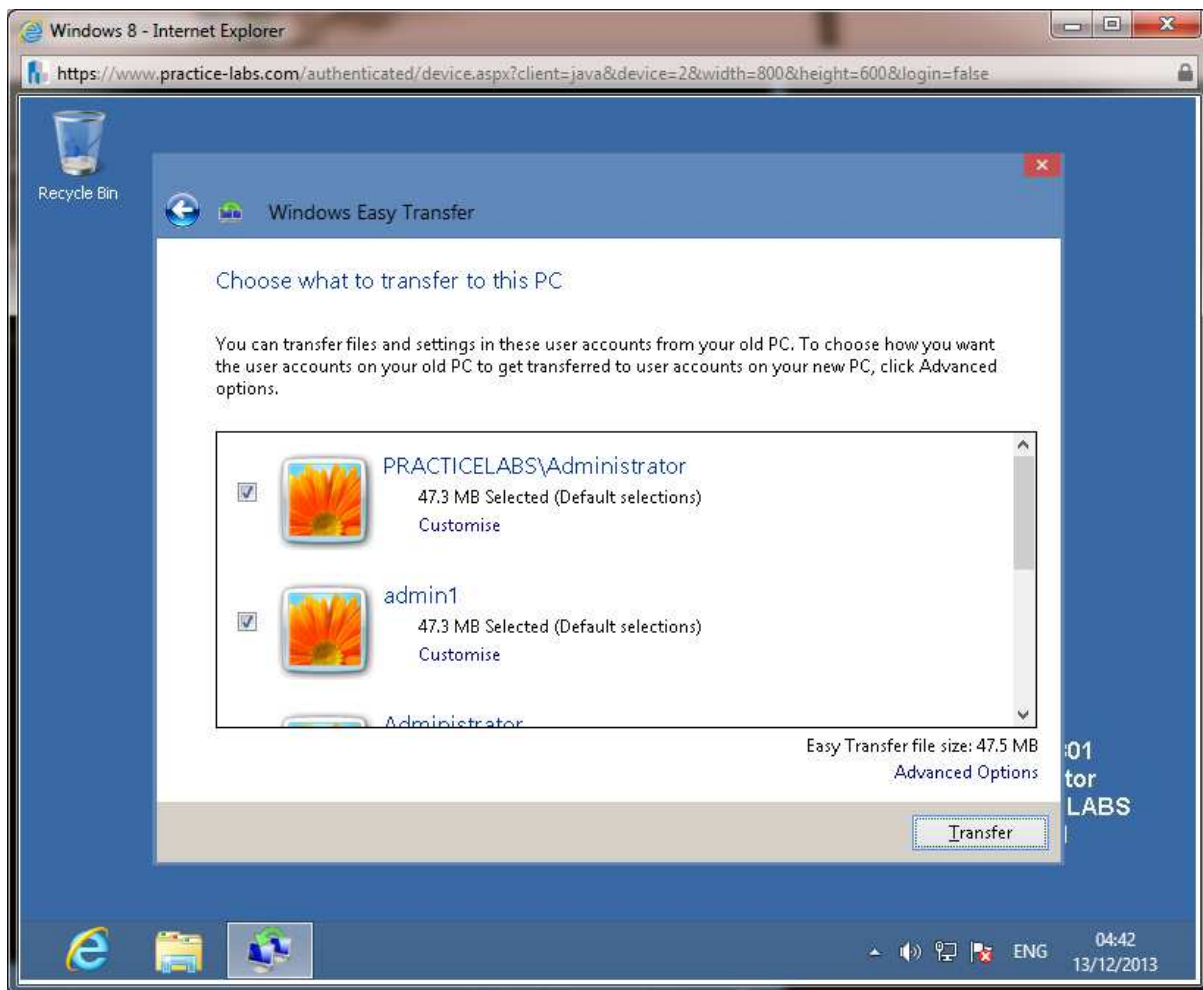
Step 8

When open Easy Transfer file appears, you may get a message about Windows Easy Transfer can only transfer files, just click **OK** to continue.



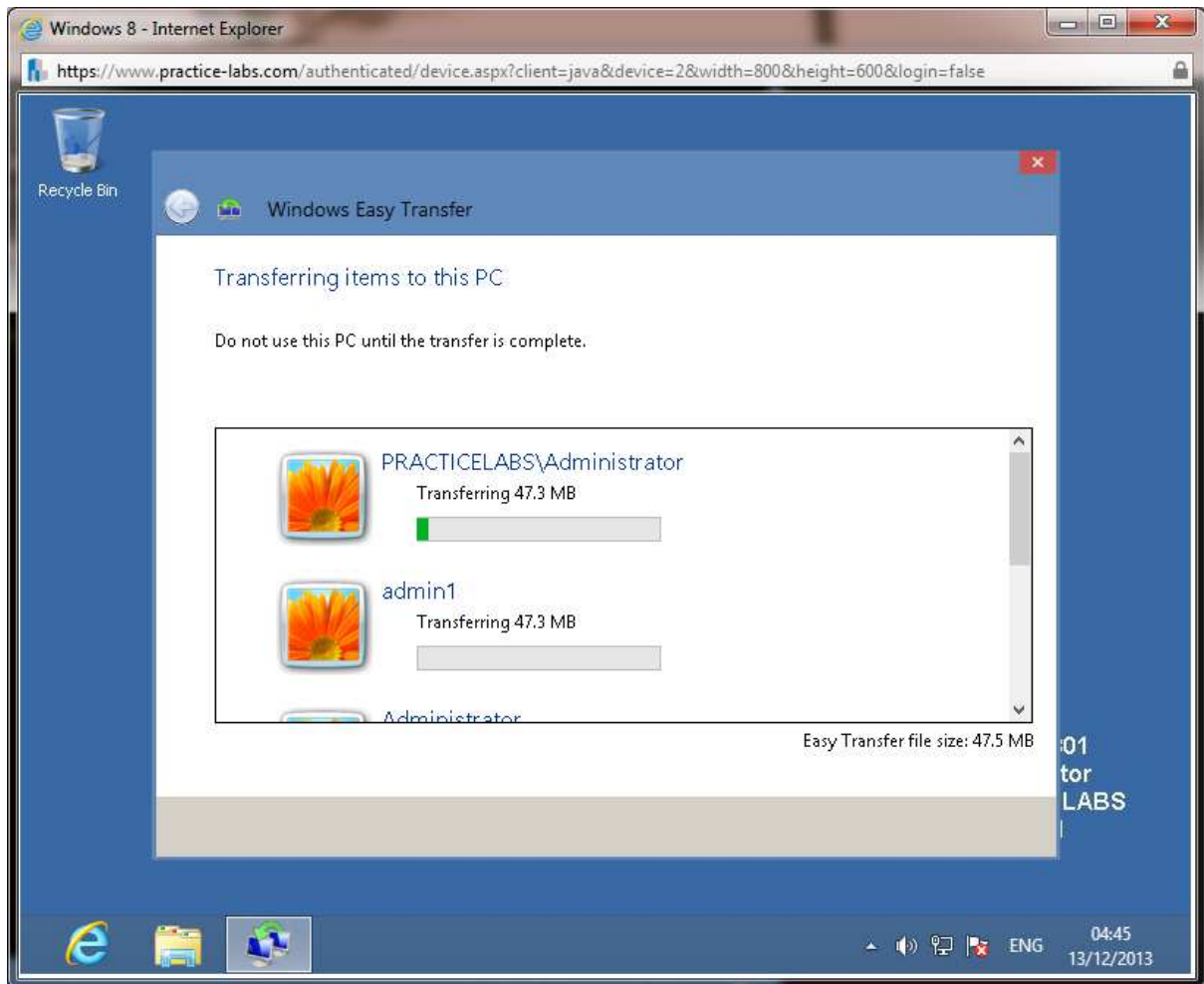
Step 9

On **Choose what to transfer to this PC**, click **Transfer**.



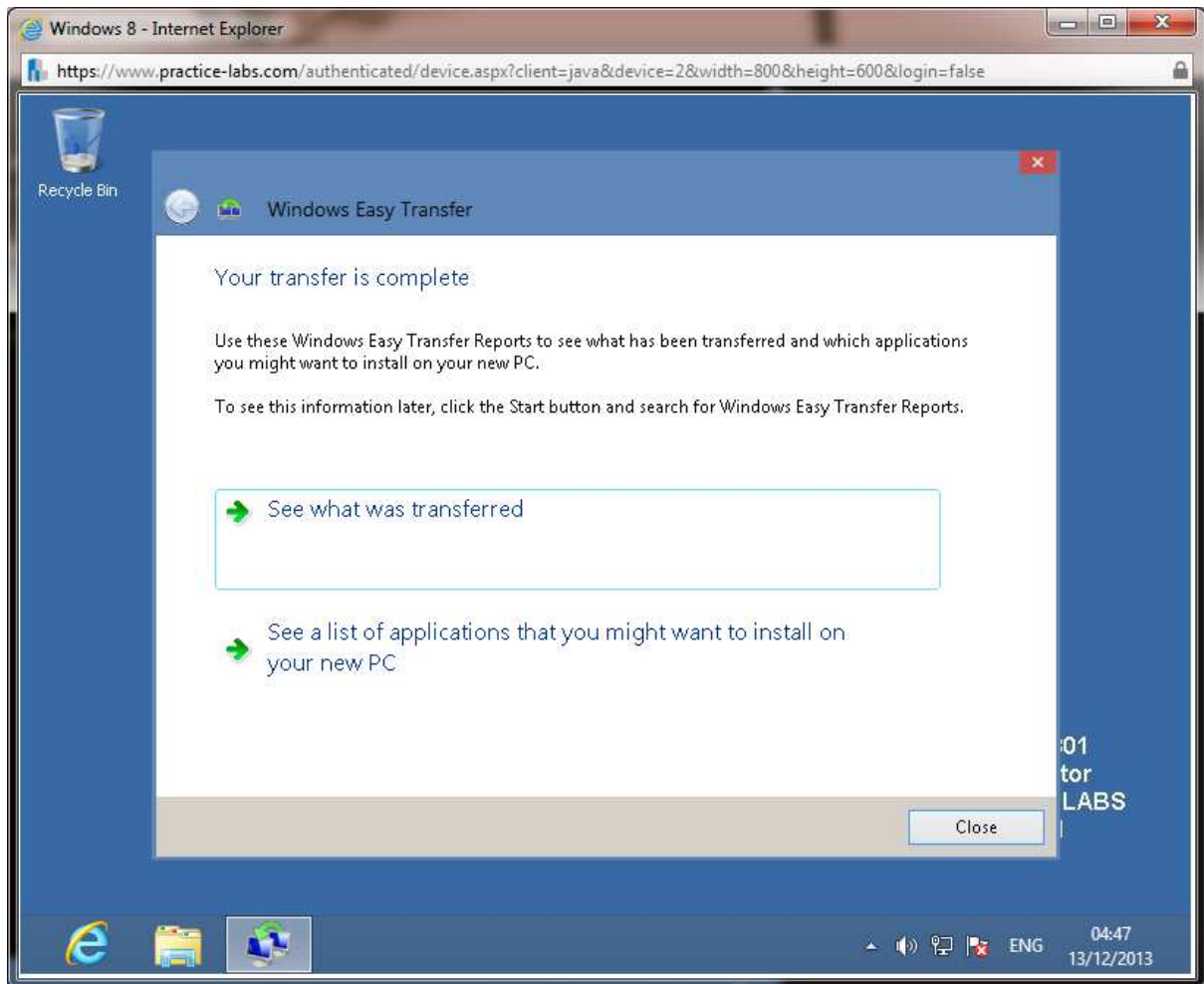
Step 10

On **Transferring items to this PC** screen, wait for the process to complete the process.



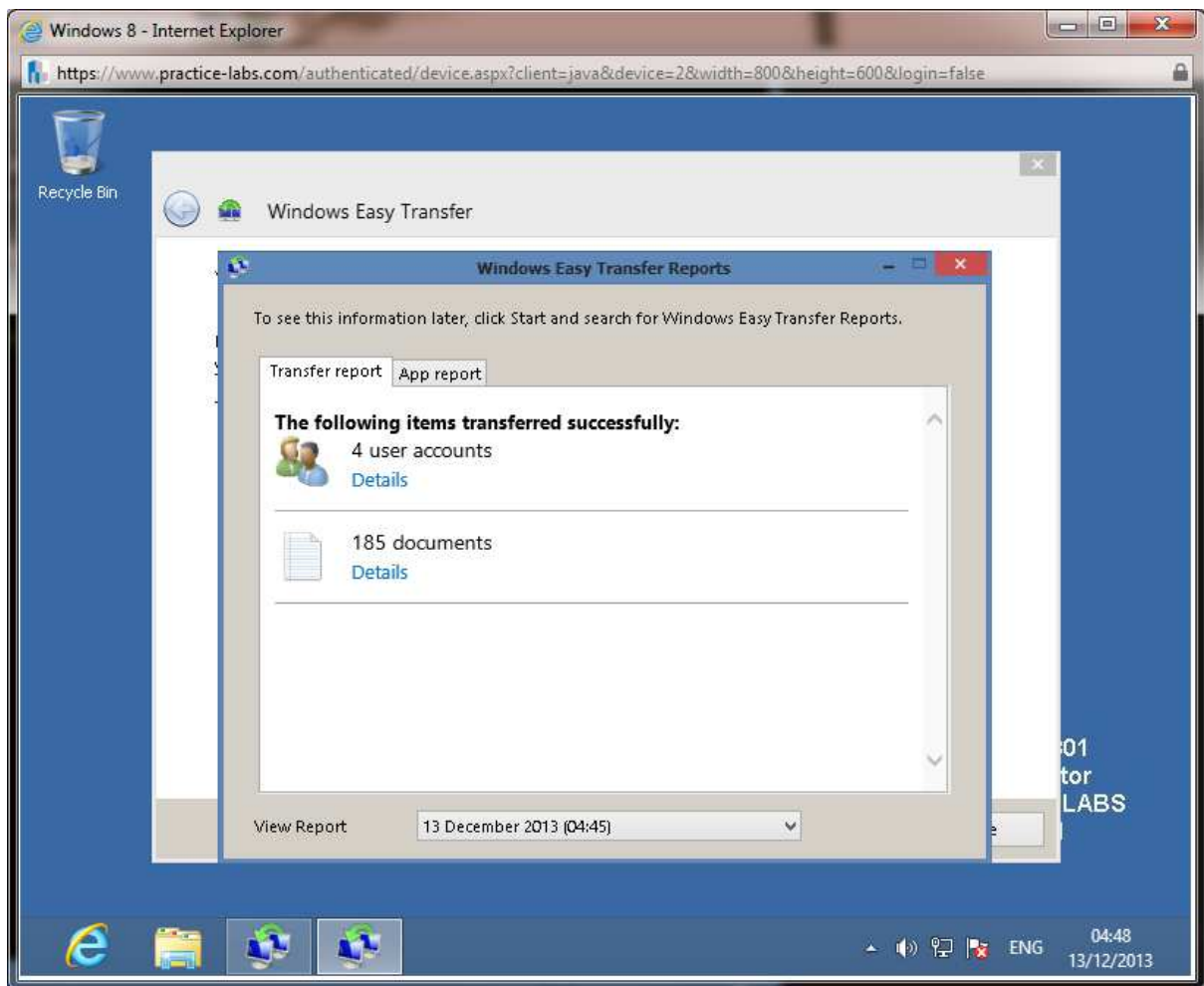
Step 11

From **Your** transfer is complete, select **See what was transferred**.



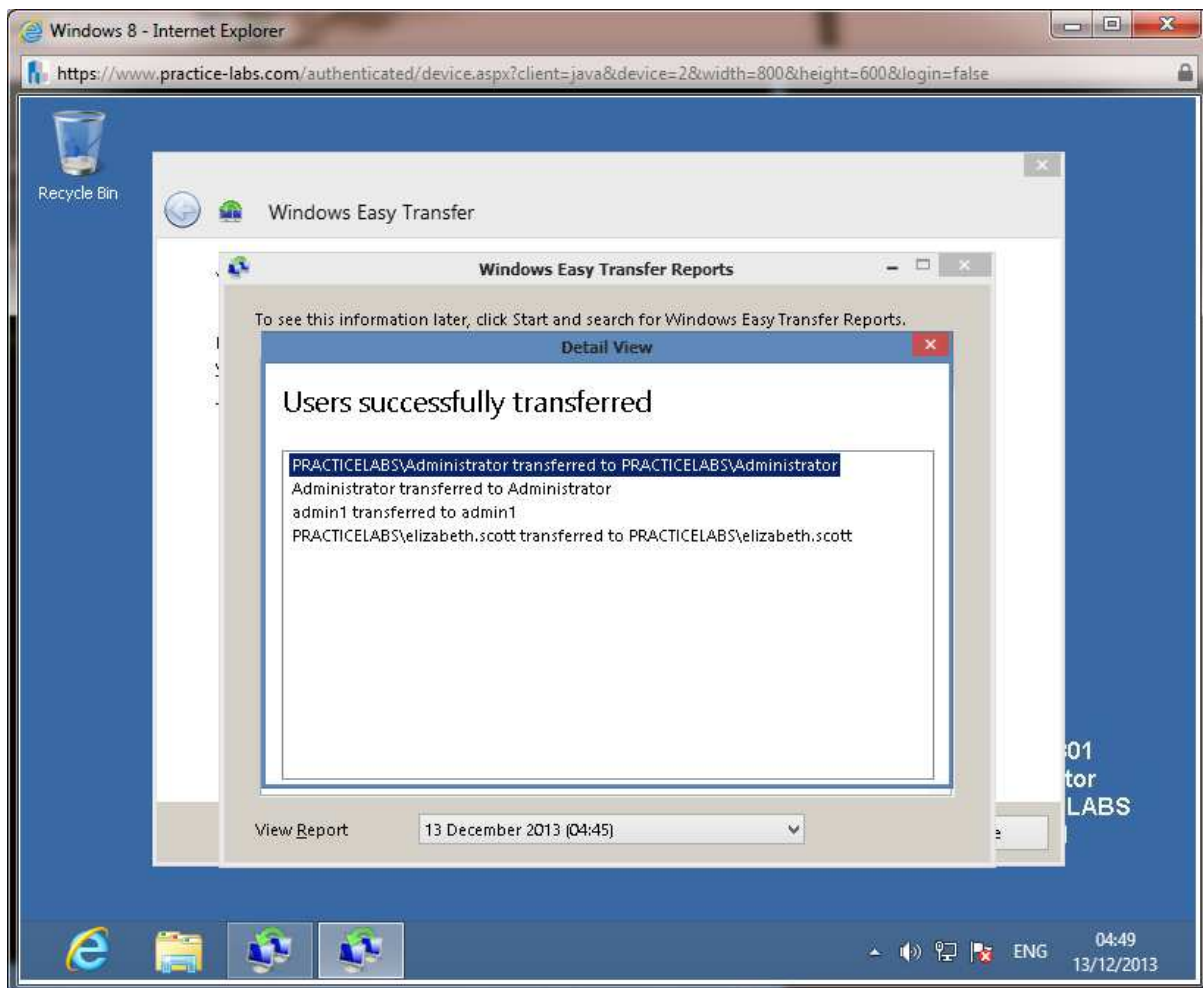
Step 12

On **Windows Easy Transfer Reports**, go to **4 user accounts** section and click **Details**.



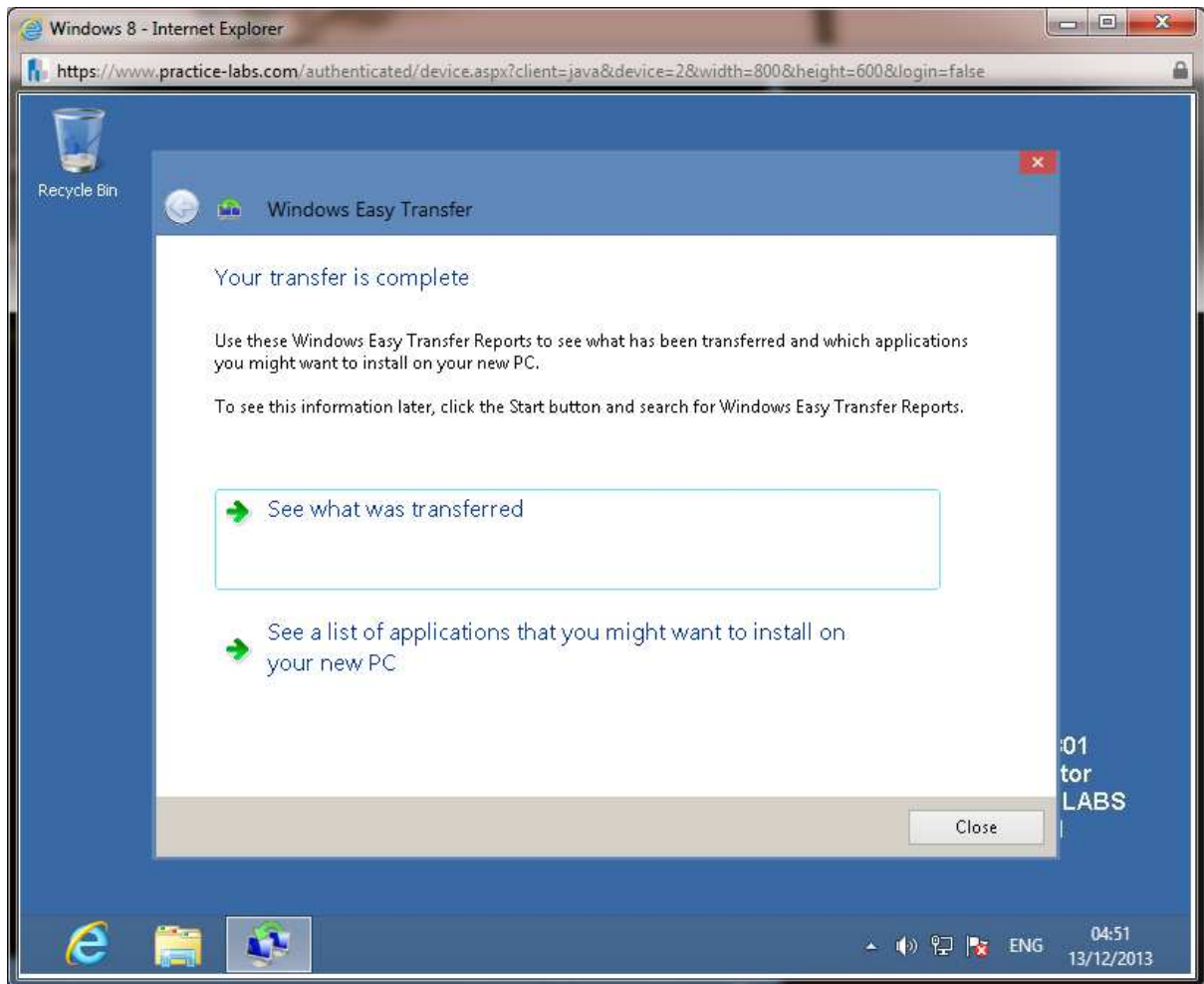
Step 13

The **Users successfully transferred** dialogue, displays the user accounts that were transferred. Click **x** **Close**.



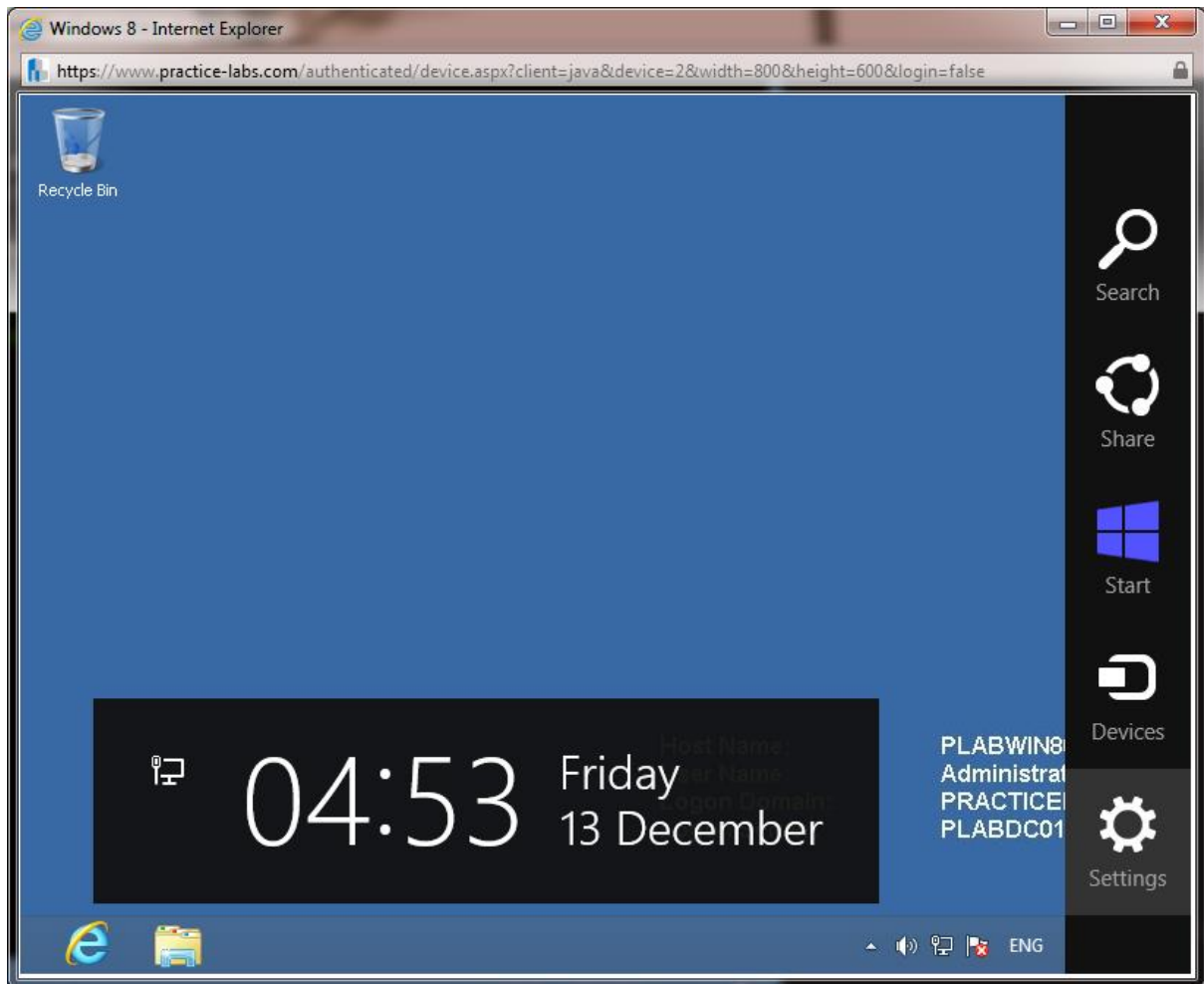
Step 14

Click **Close** to exit from Your transfer is complete.



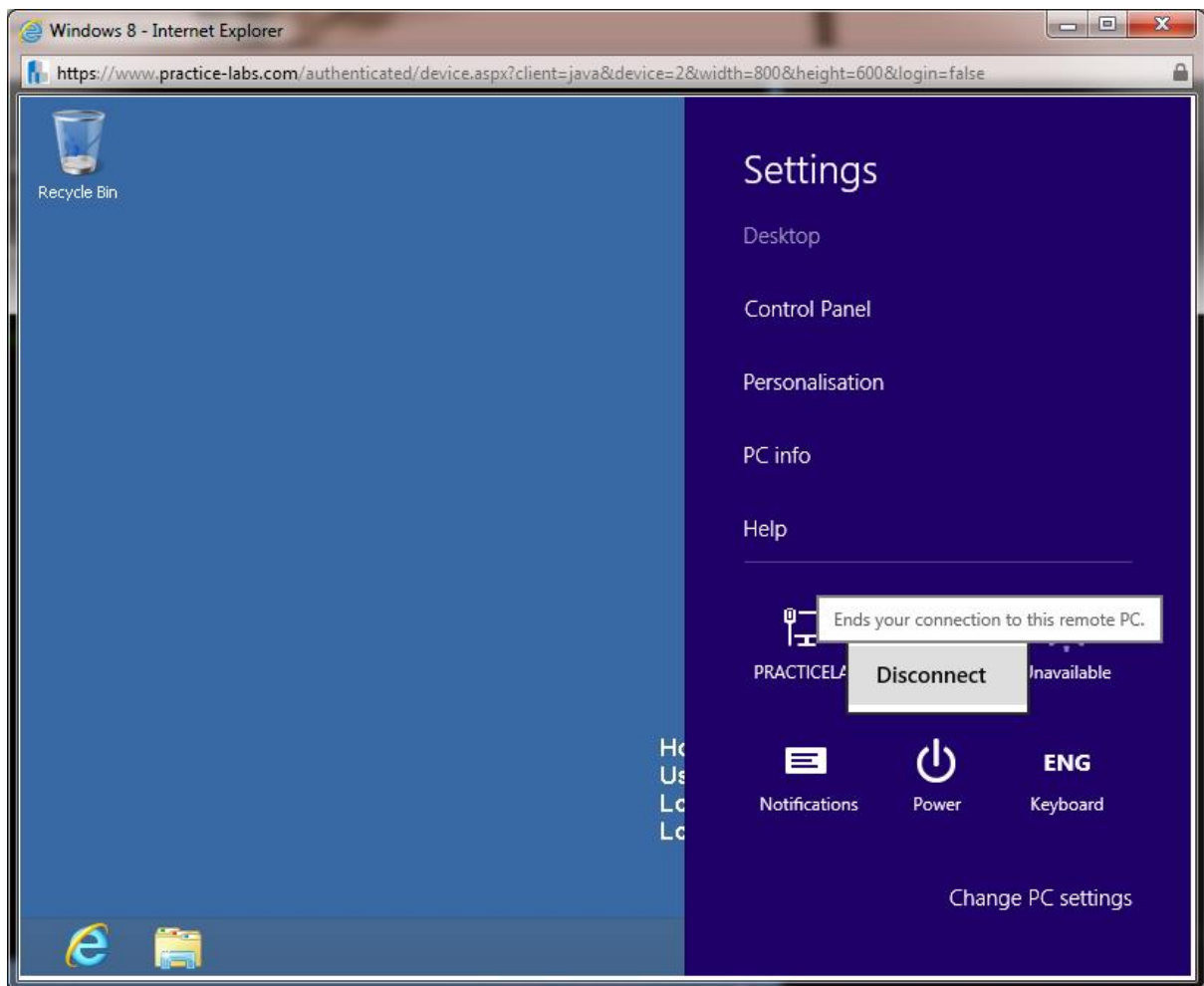
Step 15

Point the mouse on the lower-right corner of the screen and click **Settings**.



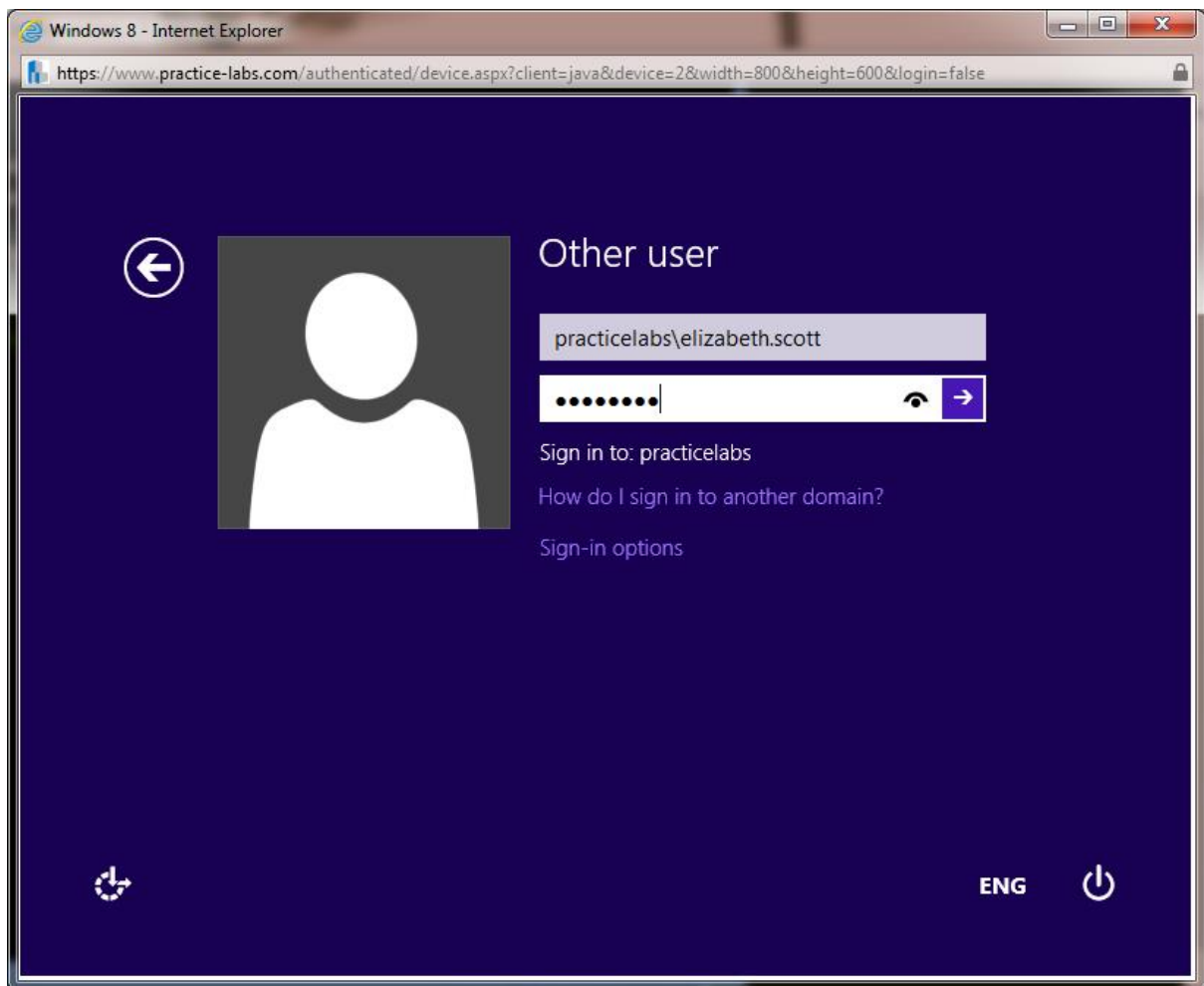
Step 16

Click on **Power** and choose **Disconnect**.



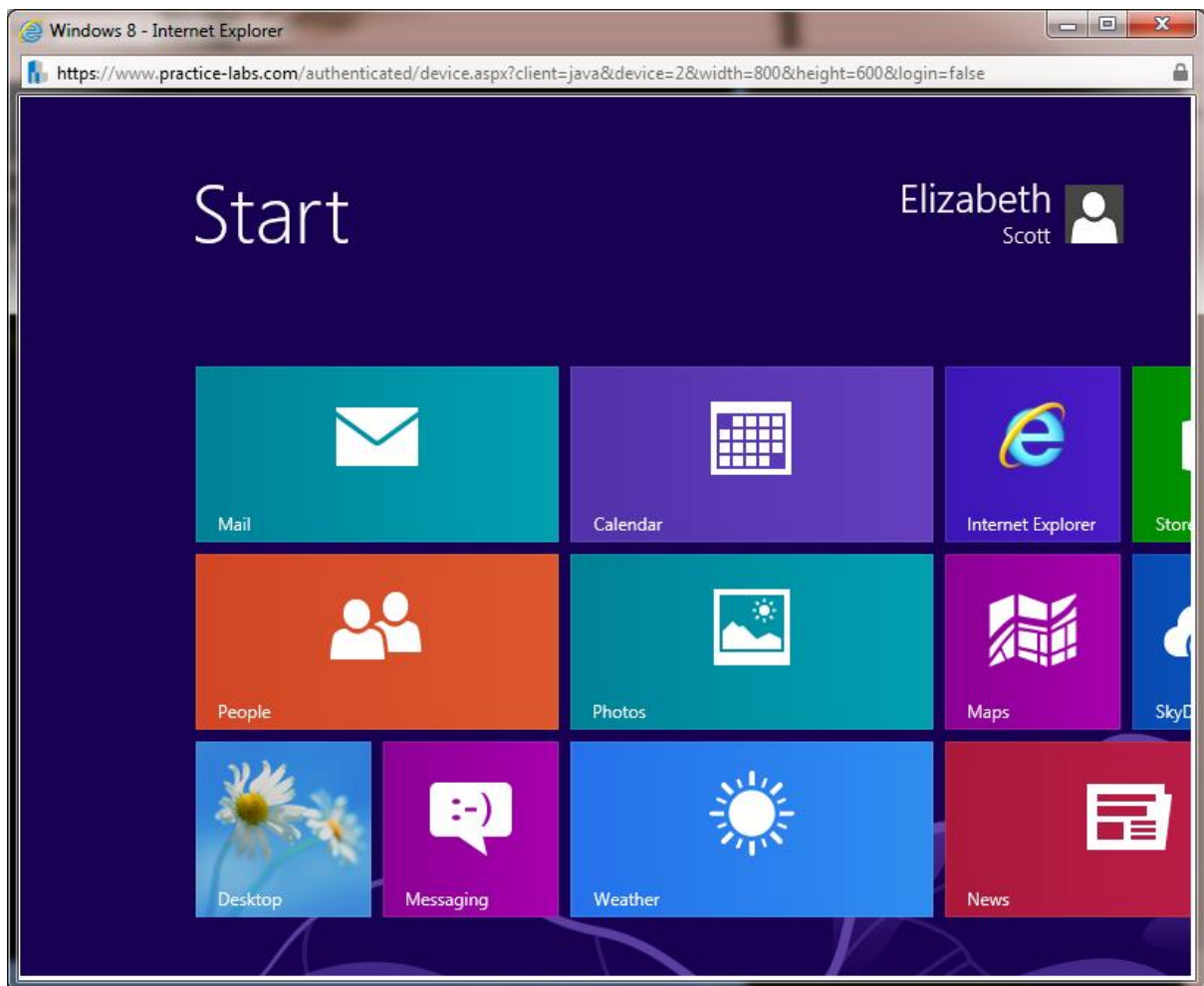
Step 17

Sign back on to **PLABWIN810** as **practicelabs\elizabeth.scott**, password is **Passw0rd**.



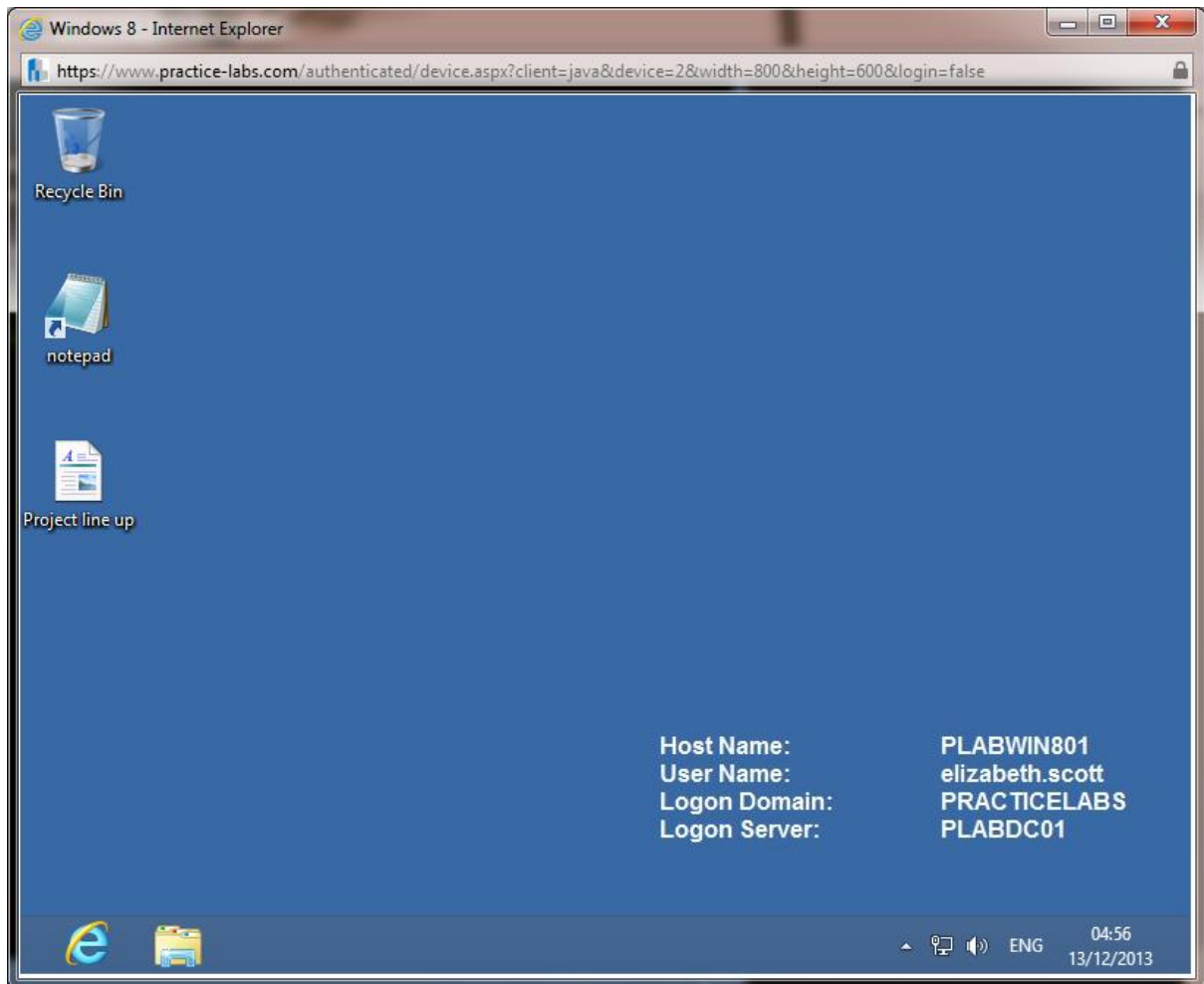
Step 18

From **Start** screen, click **Desktop** tile.



Step 19

Notepad app shortcut and Project line-up document are now available for use by the user.



Use Practice Lab web application to power down PLABDC01, PLABWIN810 and PLABWIN701 to revert these devices to their default settings.

Power all of them back on and proceed to the next exercise.

Exercise 3 – User State Migration Tool

In this exercise, you will transfer user data and settings using User State Migration Tool (USMT) which is available in Windows Assessment and Deployment Kit - WADK.

Please refer to your course material or use your favourite search engine to research for more information about this topic.

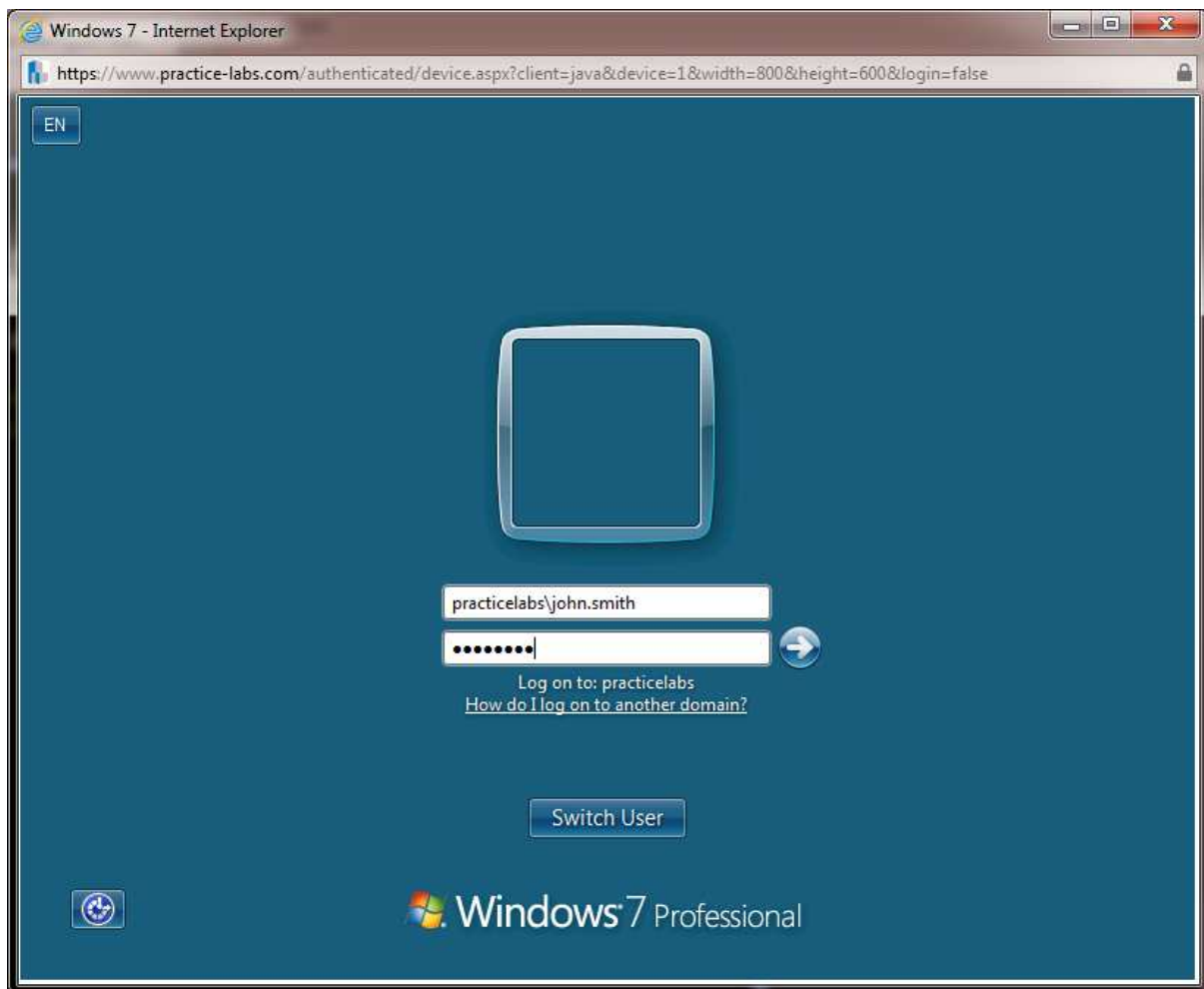
Task 1: Migrate User Settings using USMT

There are two command line programs in USMT that can be used to migrate user settings. The first one is **scanstate.exe**--this application collects user data from the old computer. The other one is **loadstate.exe** which imports the user settings into the new computer.

Step 1

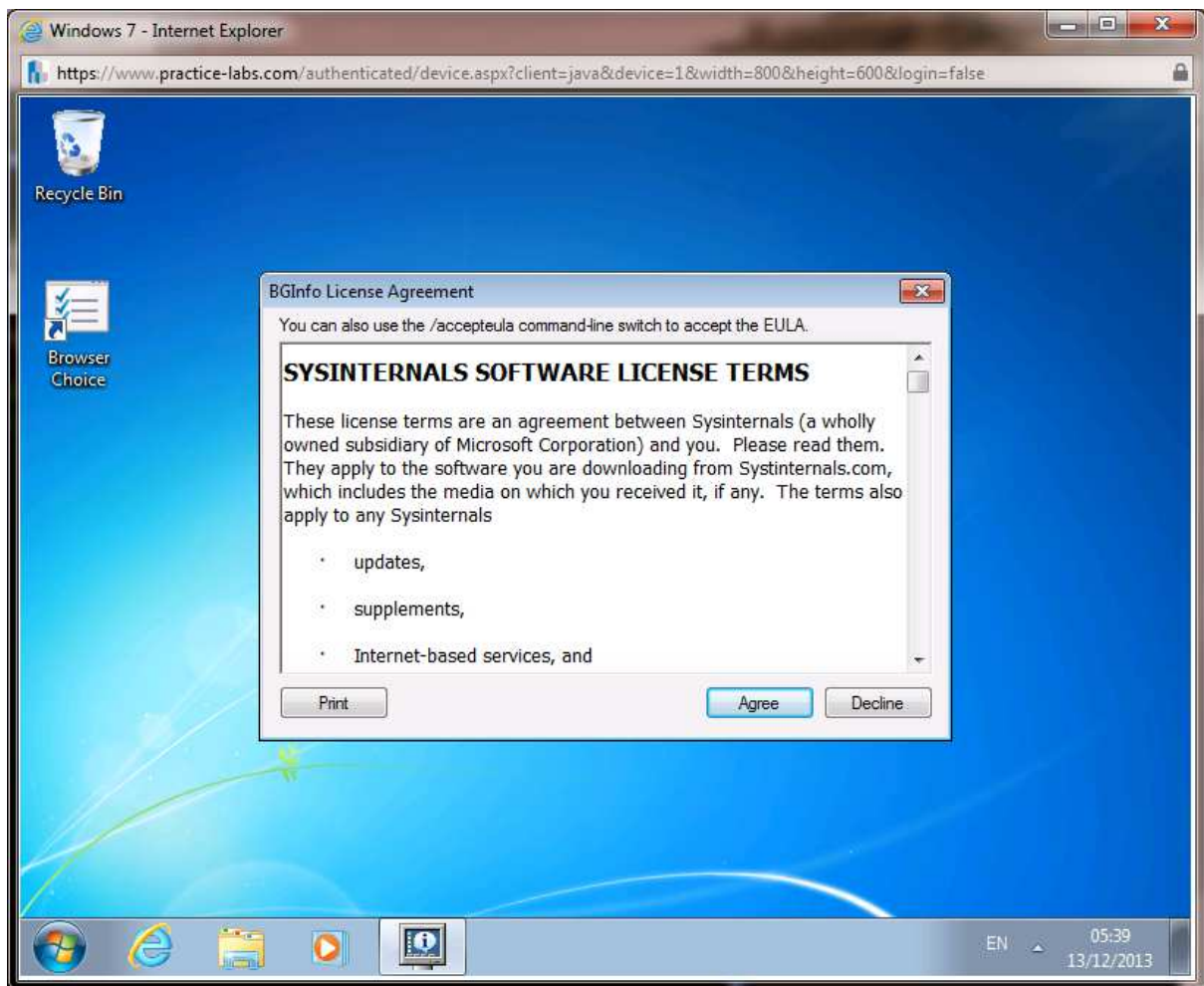
Connect to **PLABWIN701** device and sign in as **PRACTICELABS\john.smith**, password is **Passw0rd**.

Note: This Windows 7 computer is a 32-bit version.



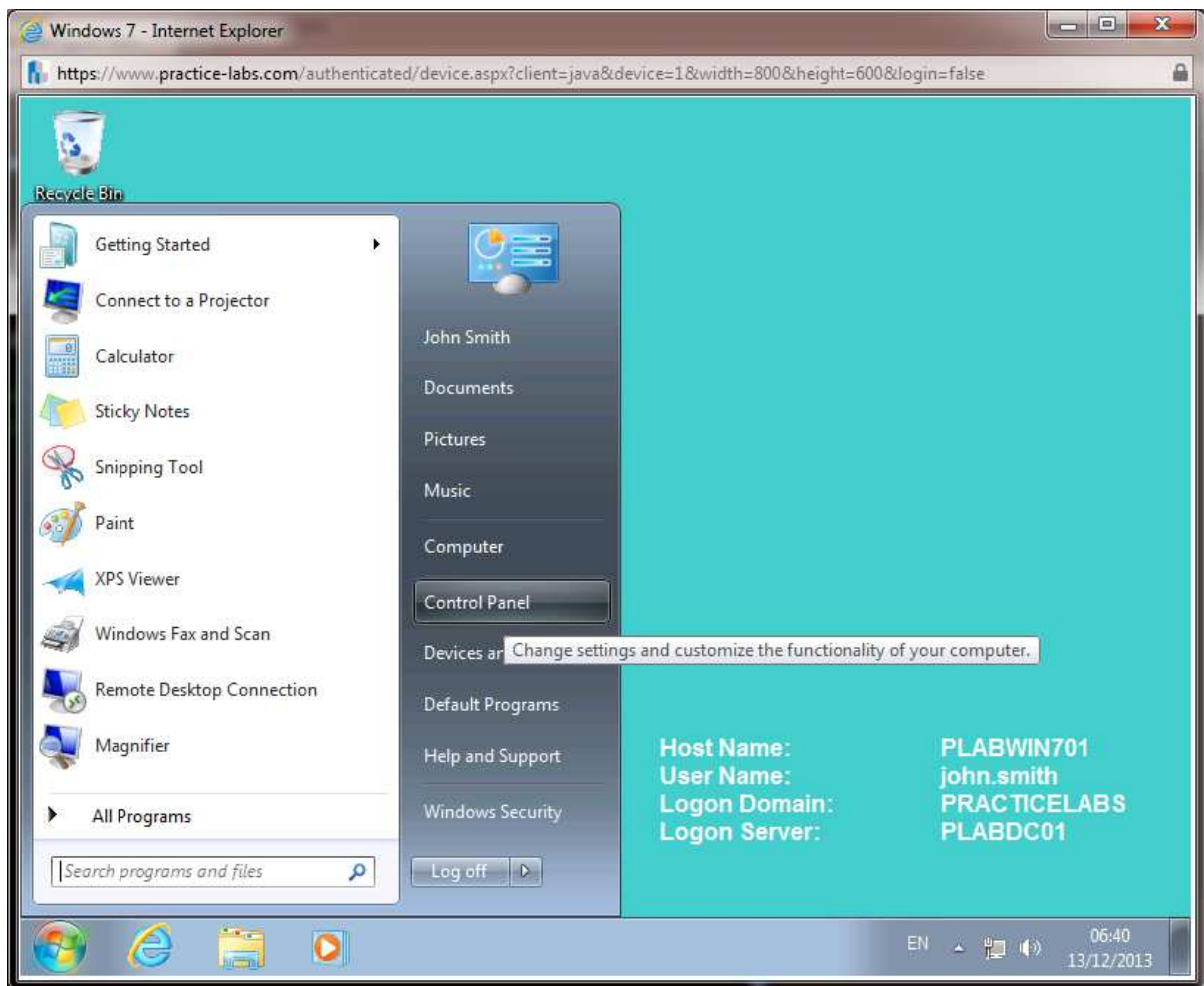
Step 2

On **BGInfo License agreement**, click **Agree**.



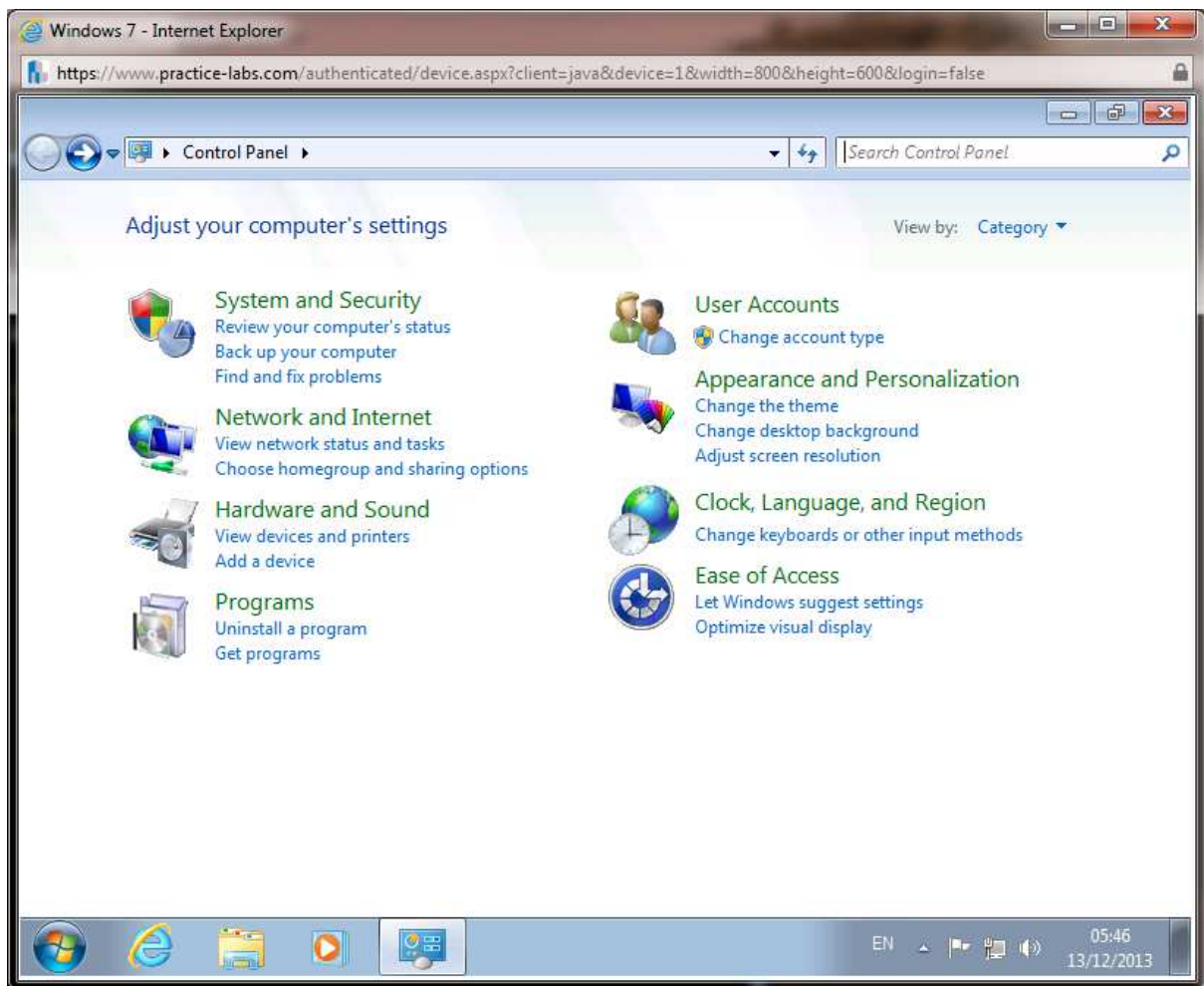
Step 3

Click **Start** and go to **Control Panel**.



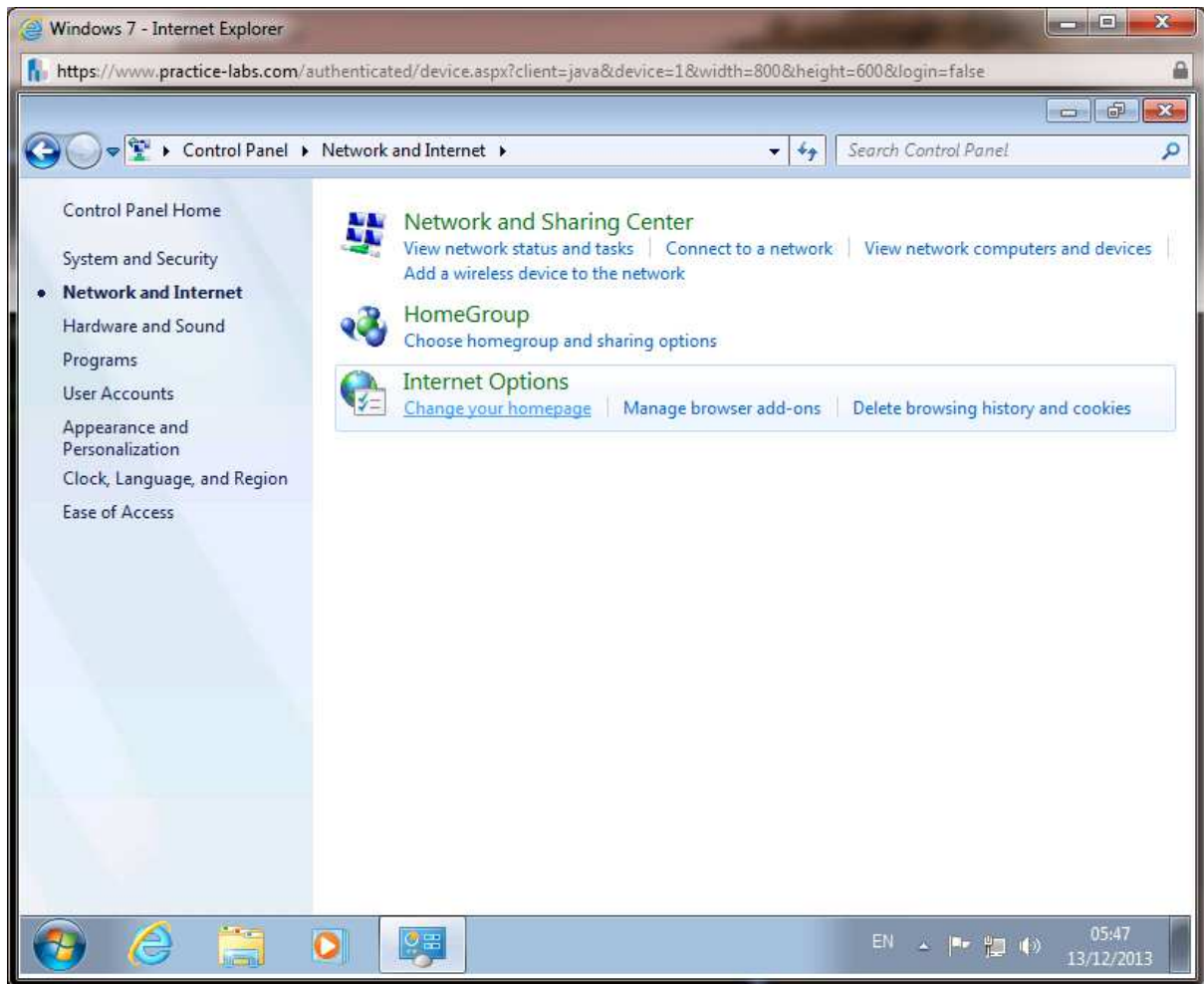
Step 4

Click **Network and Internet** link.



Step 5

On **Internet Options** section, click **Change your homepage**.

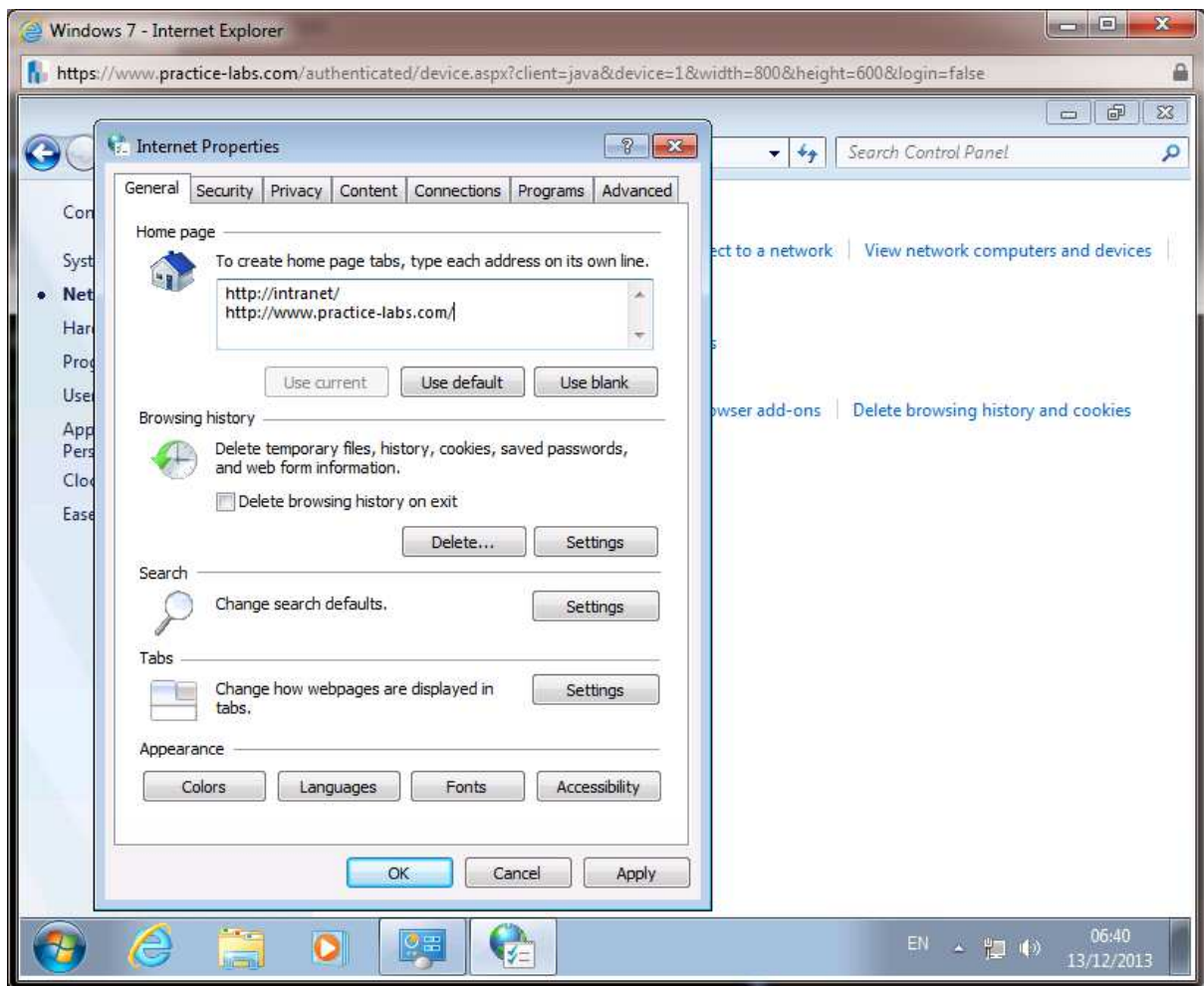


Step 6

On **Internet Properties – General** tab, click **Home page** section box and press **Enter** to create a new line and then type

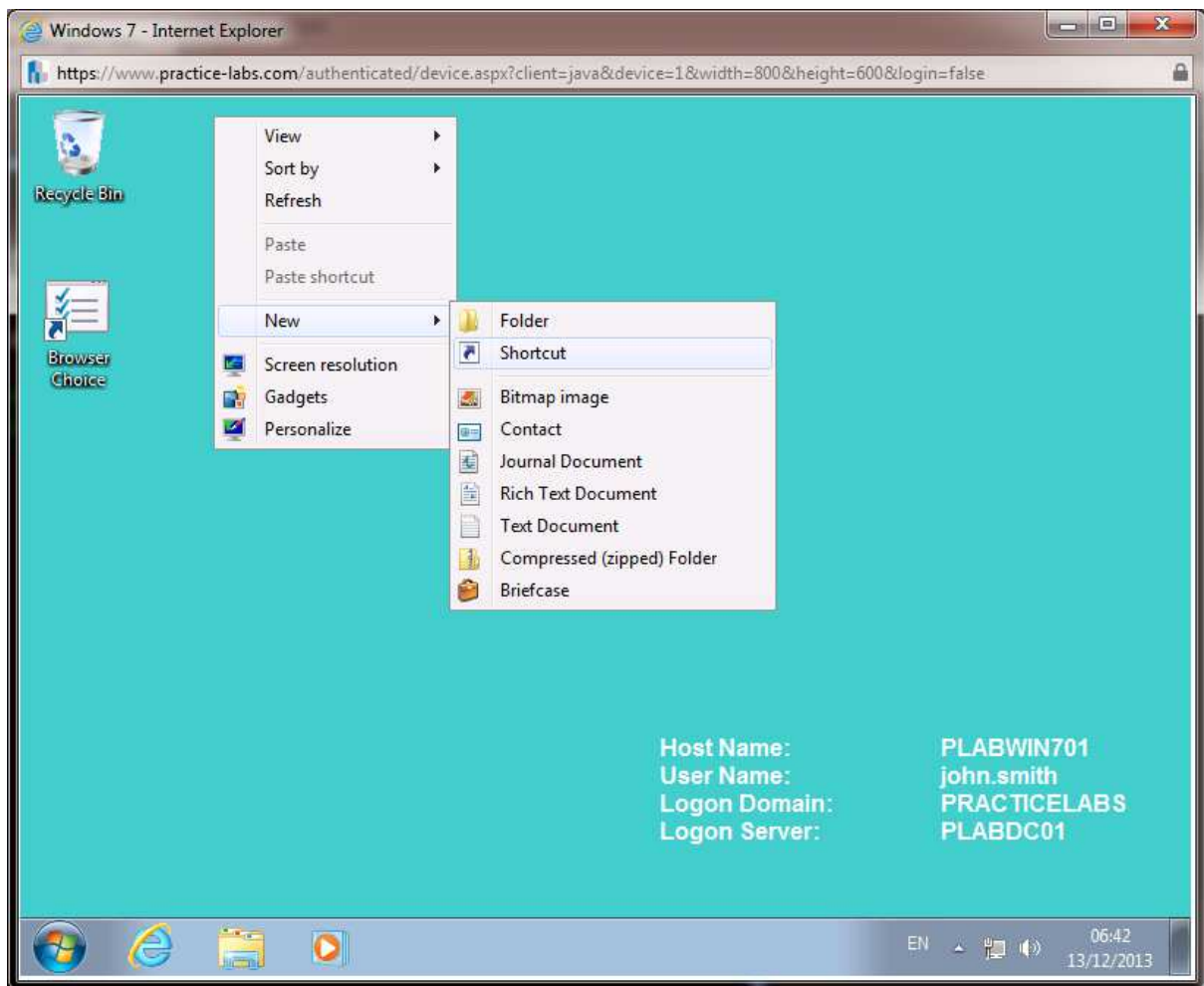
`http://www.practice-labs.com/`

Click **OK** to save changes. Close Control Panel.



Step 7

Right-click on desktop and choose **New > Shortcut**.

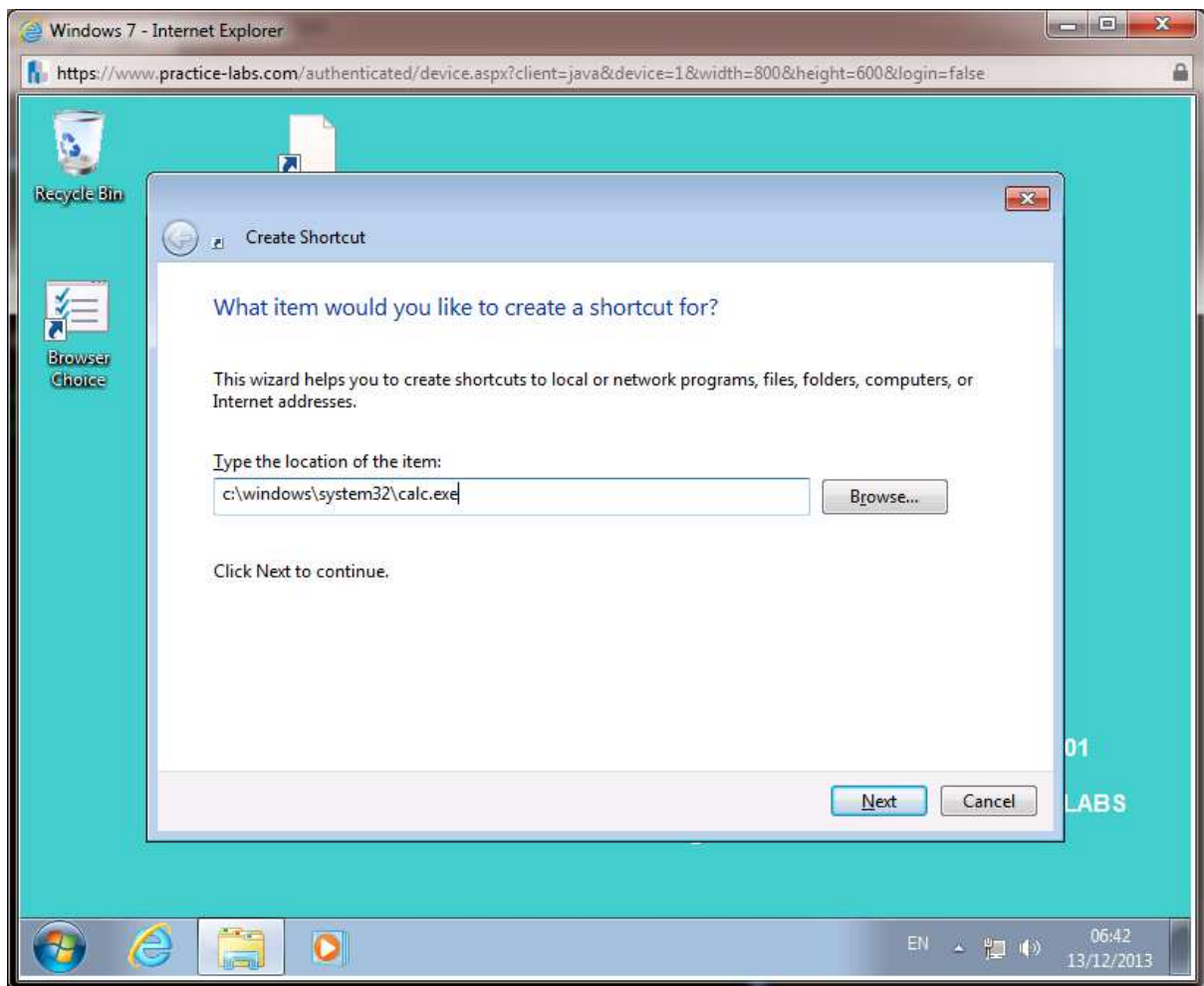


Step 8

On **What** item would you like to create a shortcut for? Type

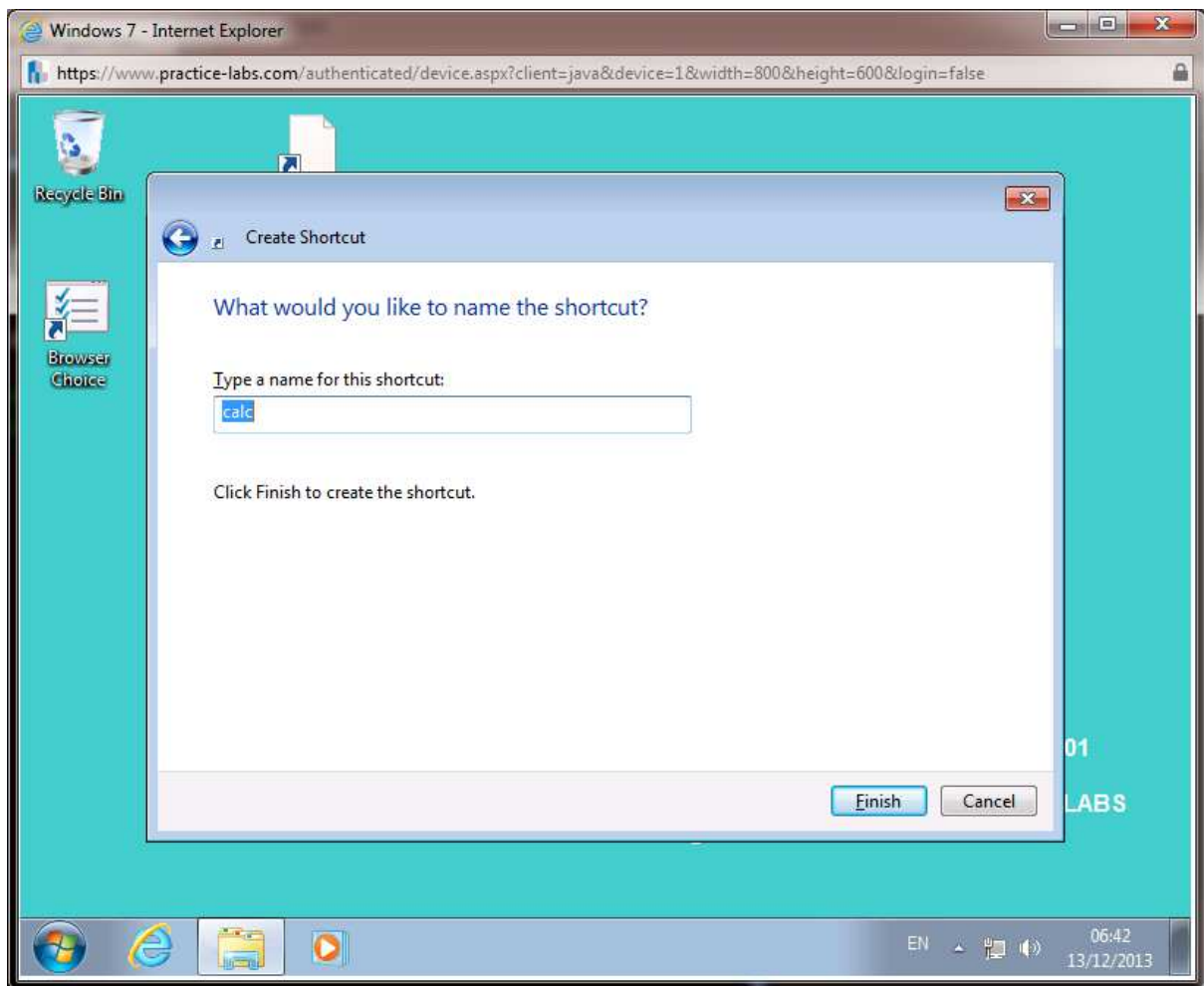
C:\windows\system32\calc.exe

Click **Next**.



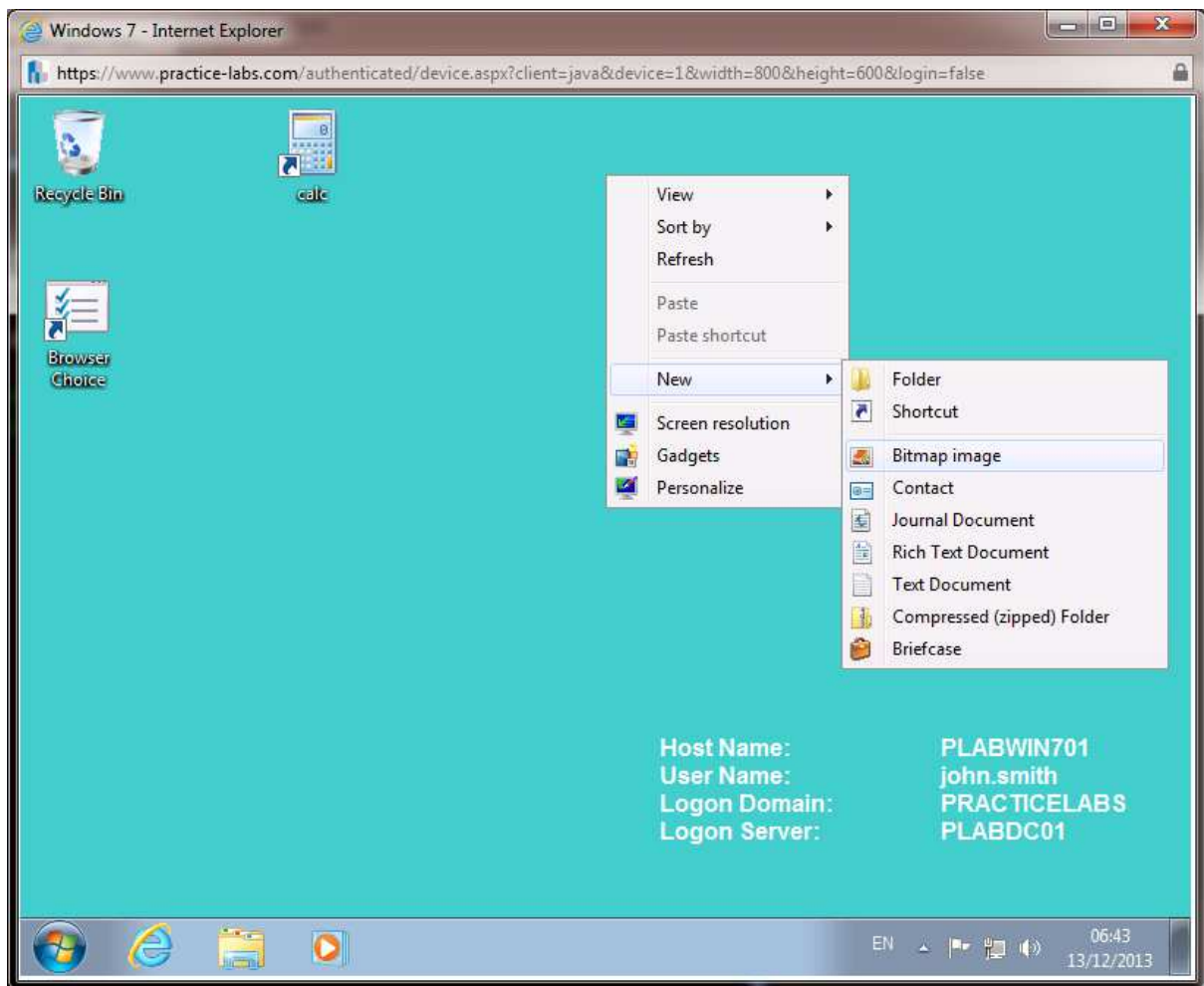
Step 9

Click **Finish** to close **What would you like to name shortcut?** Page.



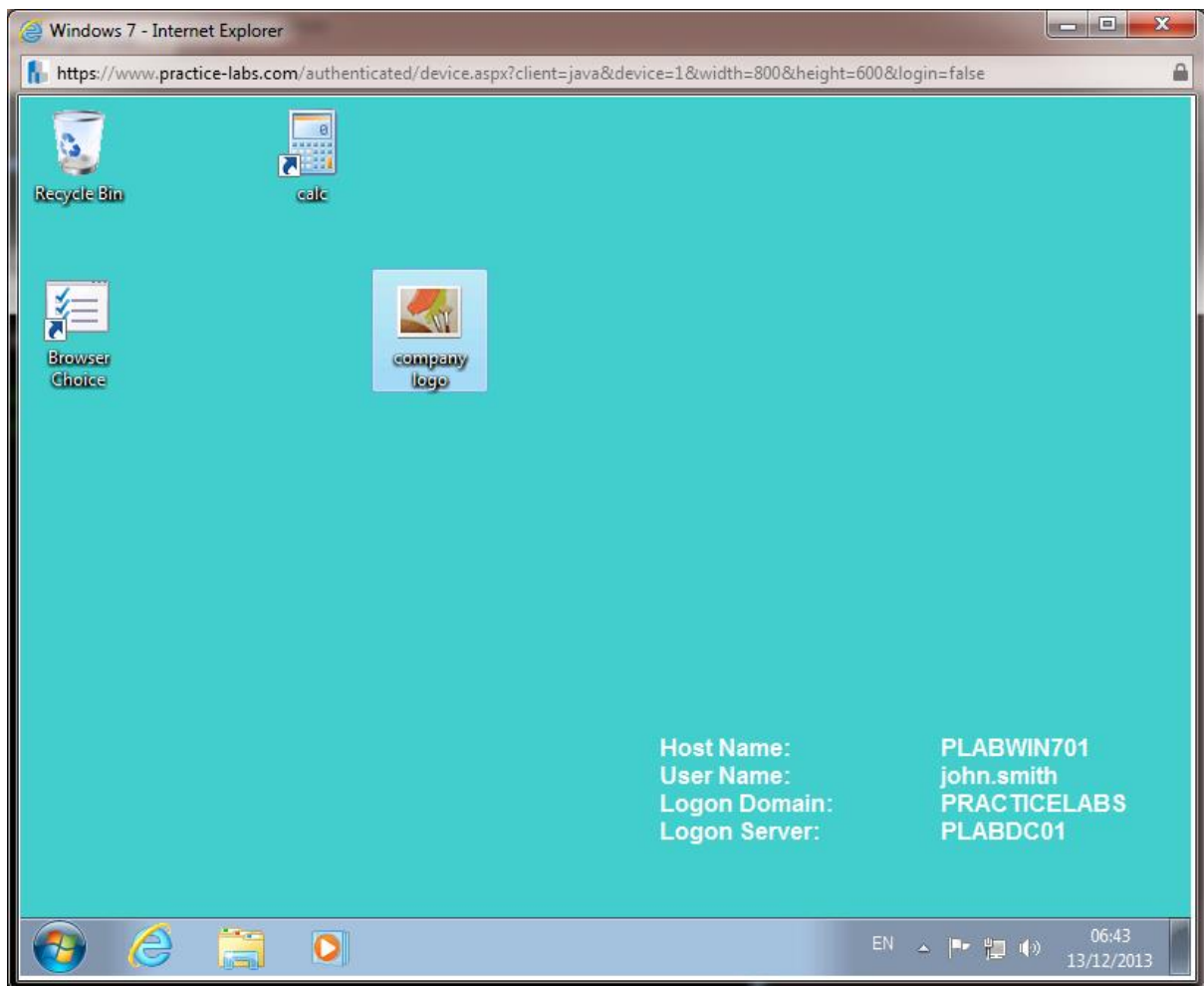
Step 10

Right-click again on desktop and choose **New > Bitmap Image**.



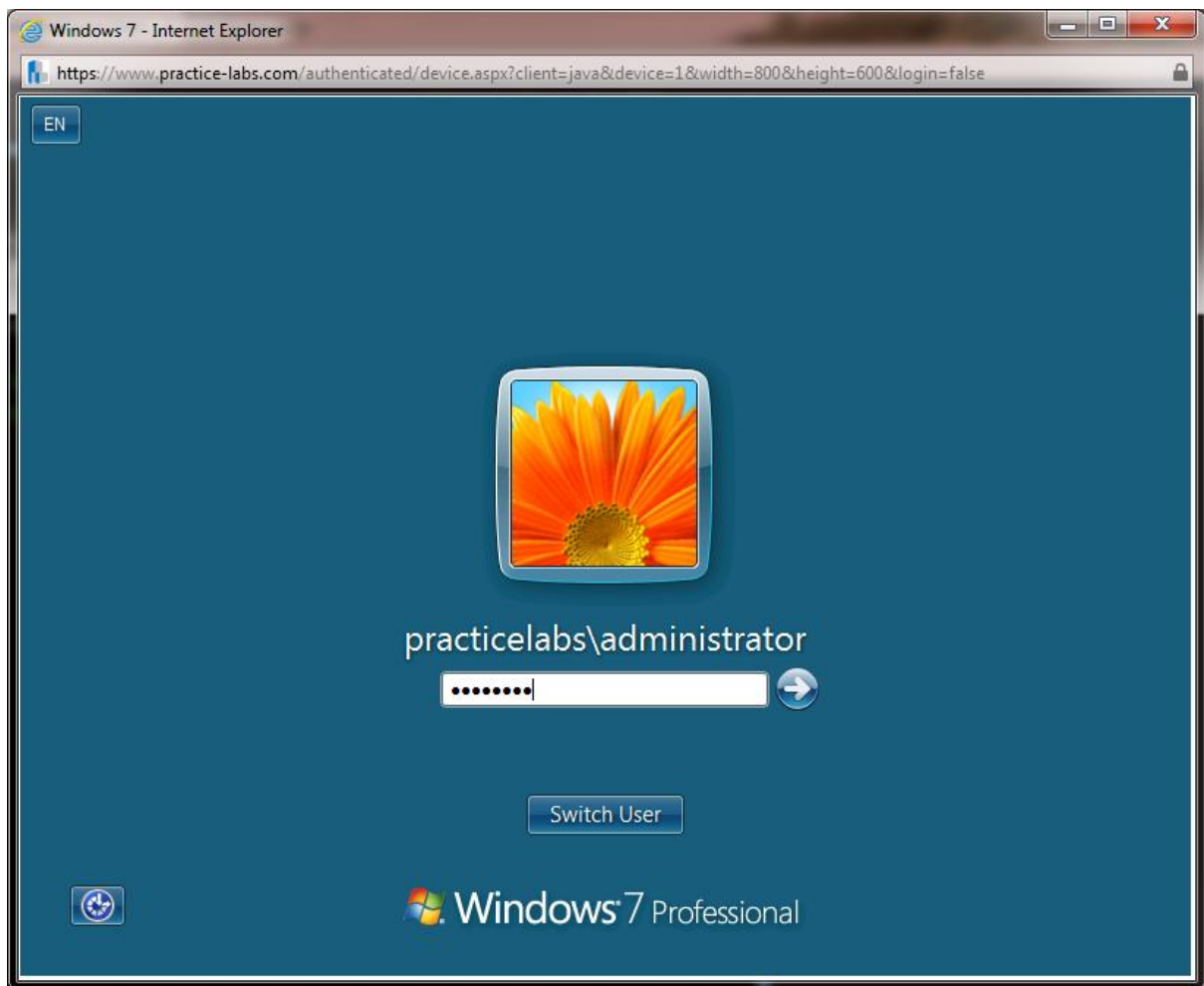
Step 11

Rename the bitmap image as **company logo**. Log off John Smith from PLABWIN701.



Step 12

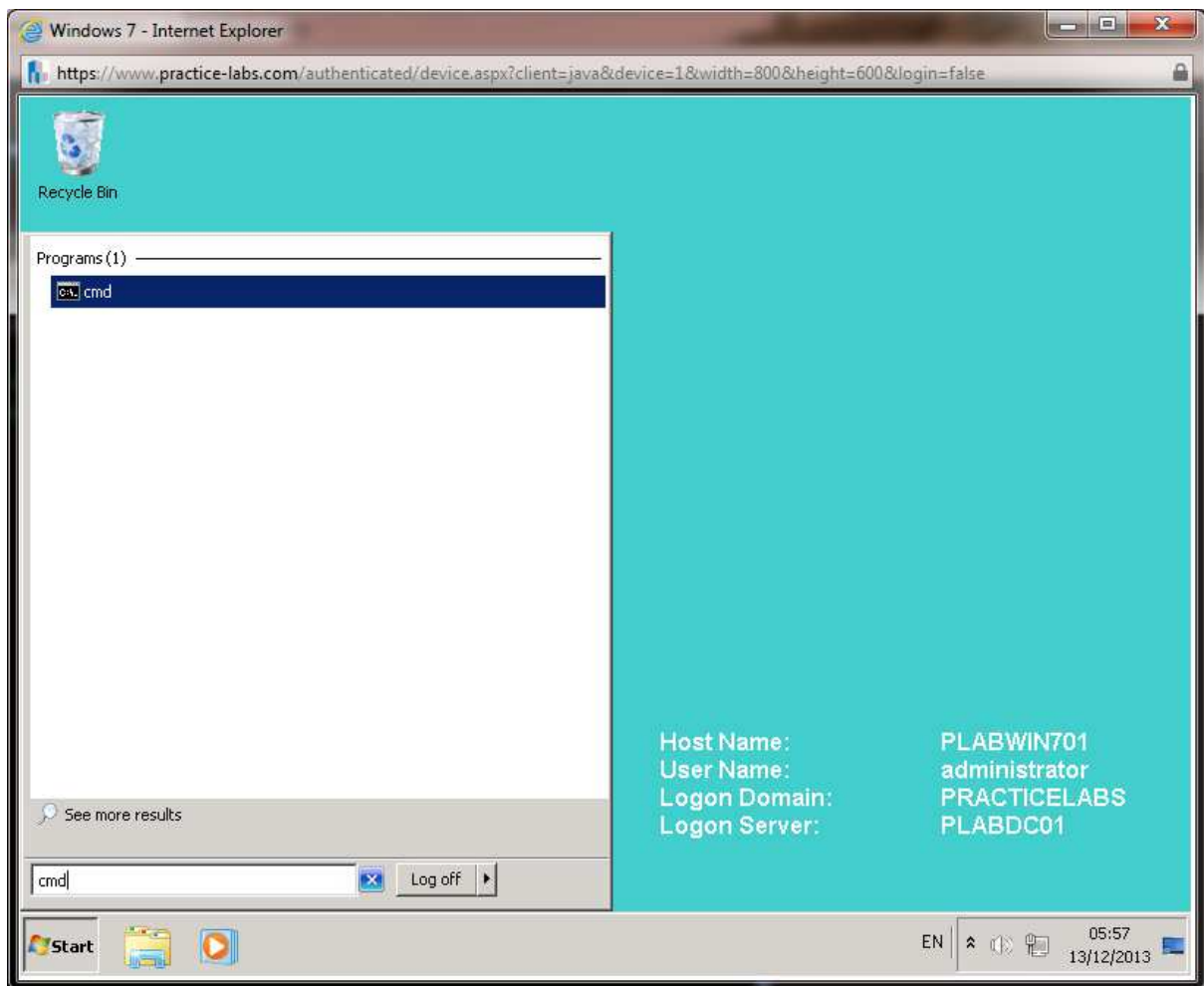
Sign back in to **PLABWIN701** computer as **PRACTICELABS\Administrator**, password is **Passw0rd**.



Step 13

Click **Start** and in **Search programs and files** box, type

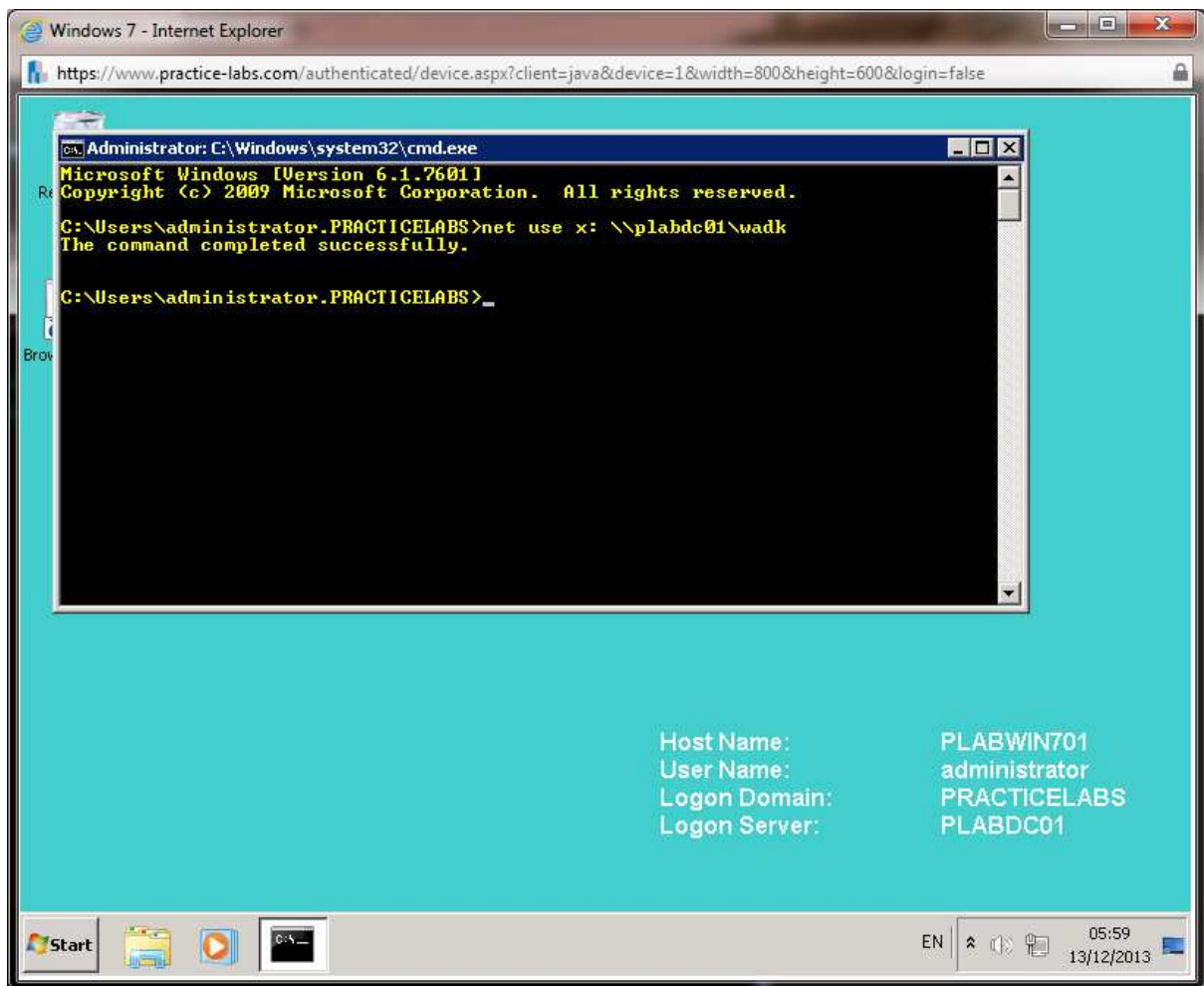
Cmd



Step 14

In the command prompt window, type the following command and press **Enter**.

```
net use x: \\plabdc01\wadk
```

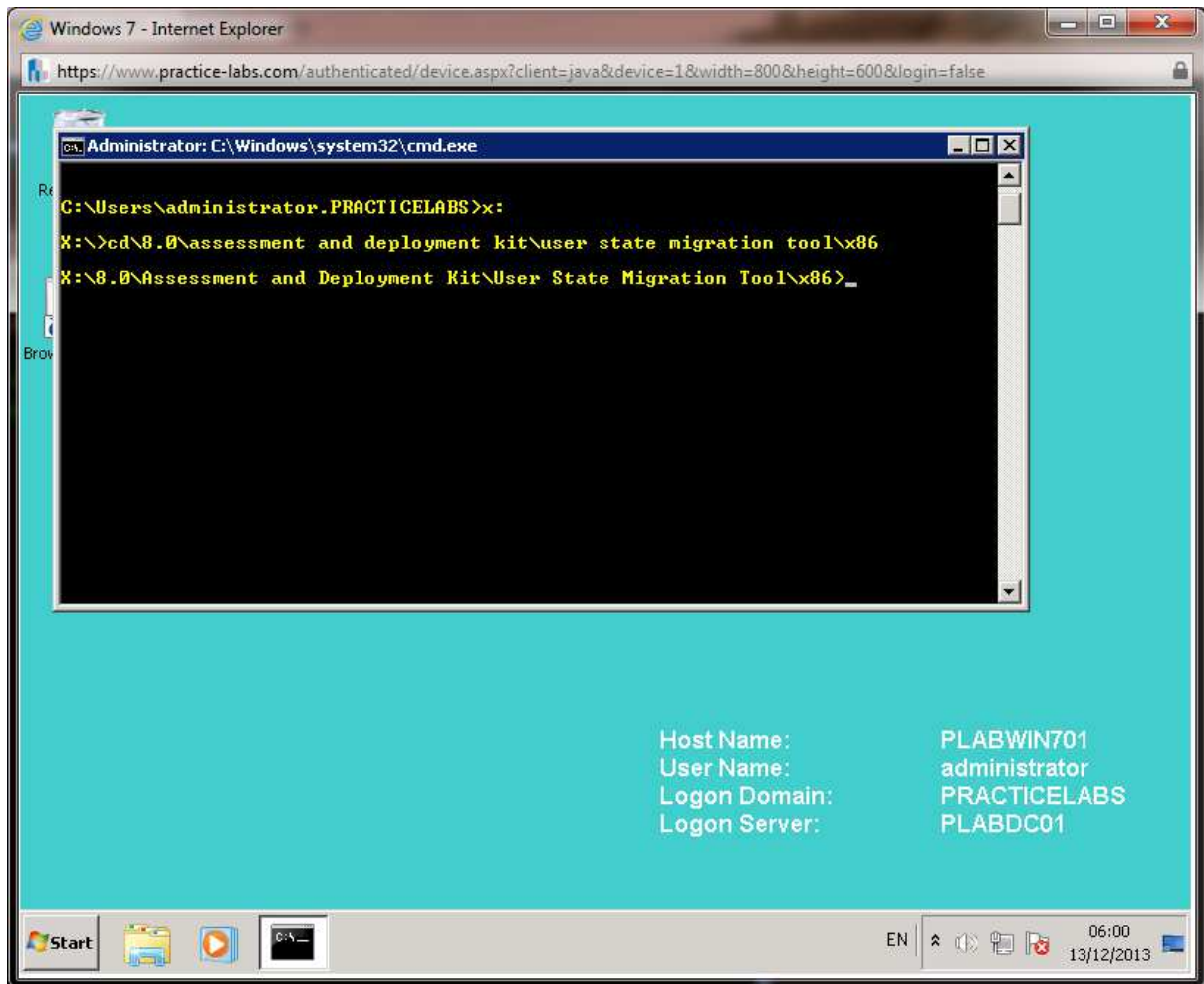


Step 15

Type the following commands and press **Enter**.

```
x:
```

```
cd\8.0\assessment and deployment kit\user state migration tool\x86
```

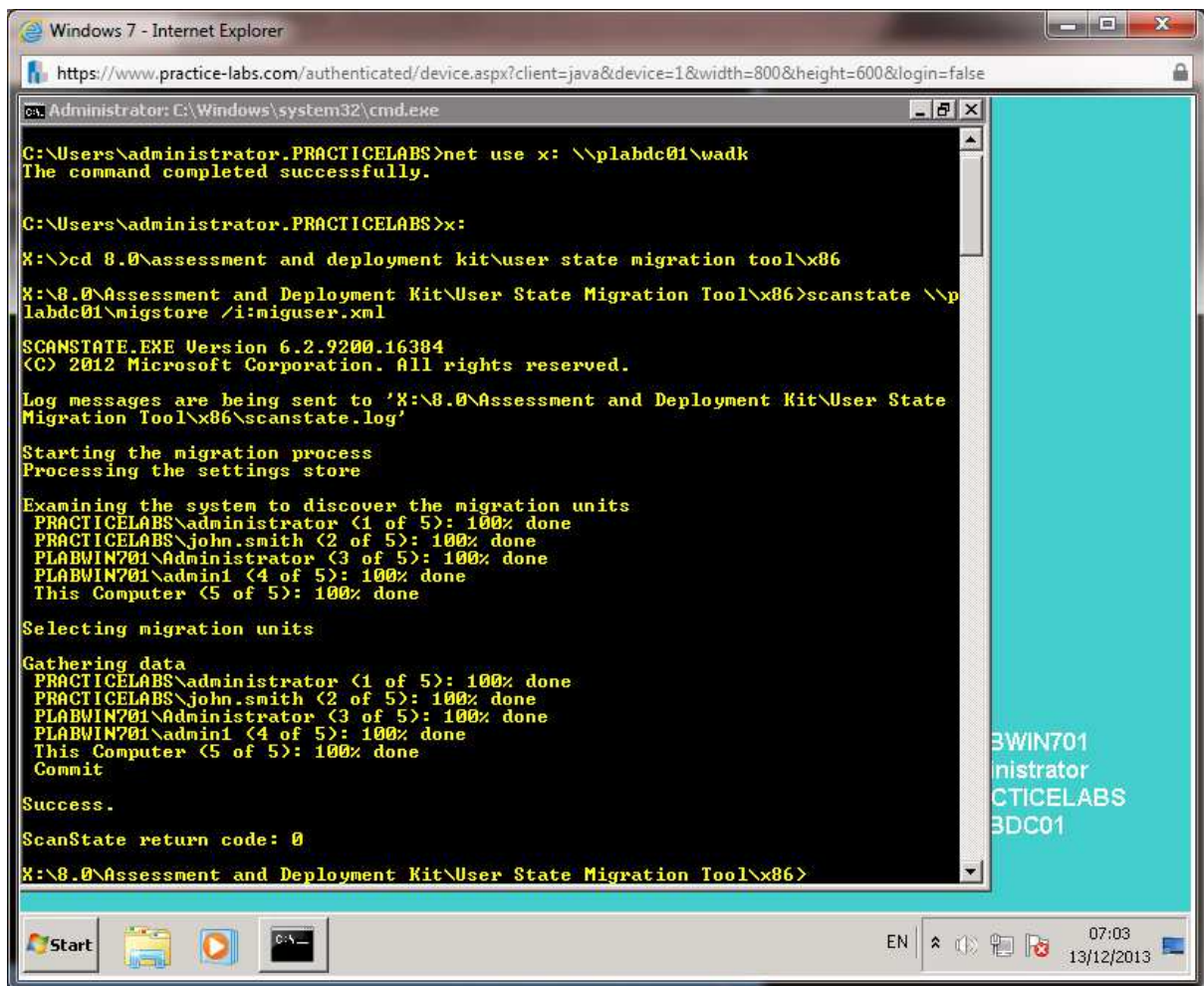


Step 16

Type the following:

```
scanstate \\plabdc01\migstore /i:miguser.xml
```

Wait for **scanstate** to collect user settings from **PLABWIN701**. You will get a confirmation when the operation is completed.

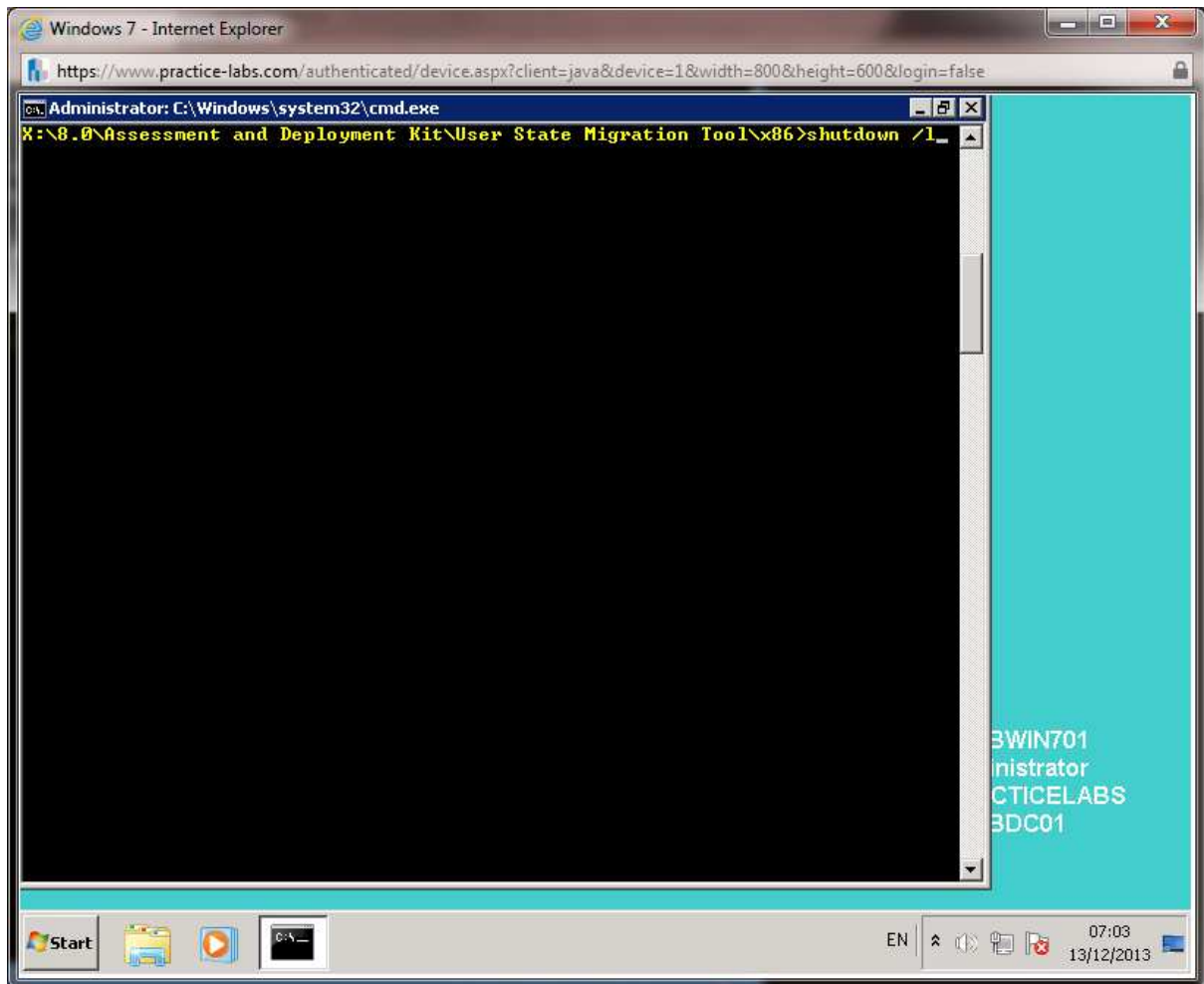


Step 17

Type

```
shutdown /l
```

Press **Enter**.

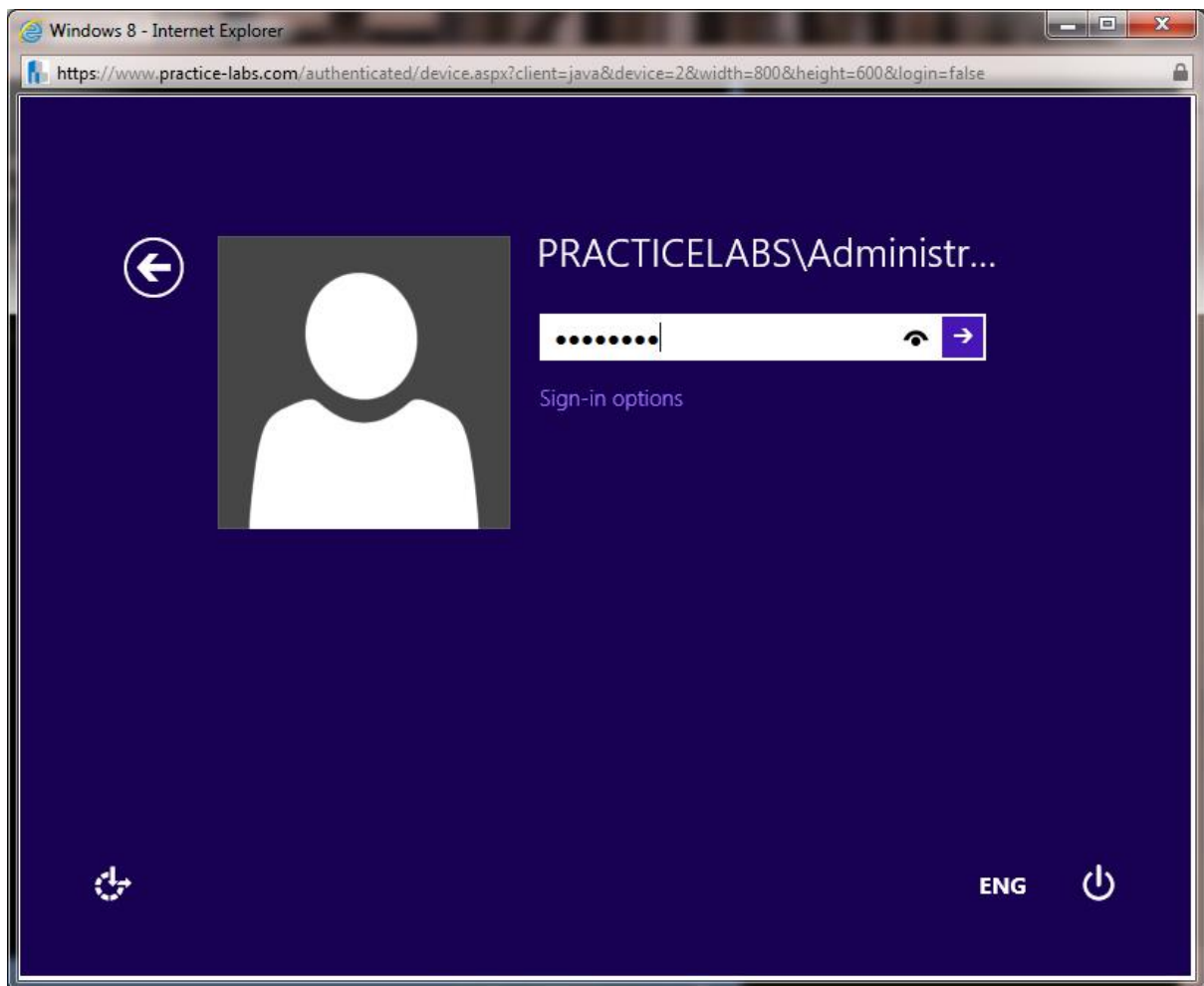


Task 2: Import User Settings in PLABWIN810

In this step, you will import the user settings collected in PLABWIN701 to PLABWIN810 computer. Note that PLABWIN810 device where you will import the settings is 64-bit version. Therefore, you will use **amd64** variant of USMT.

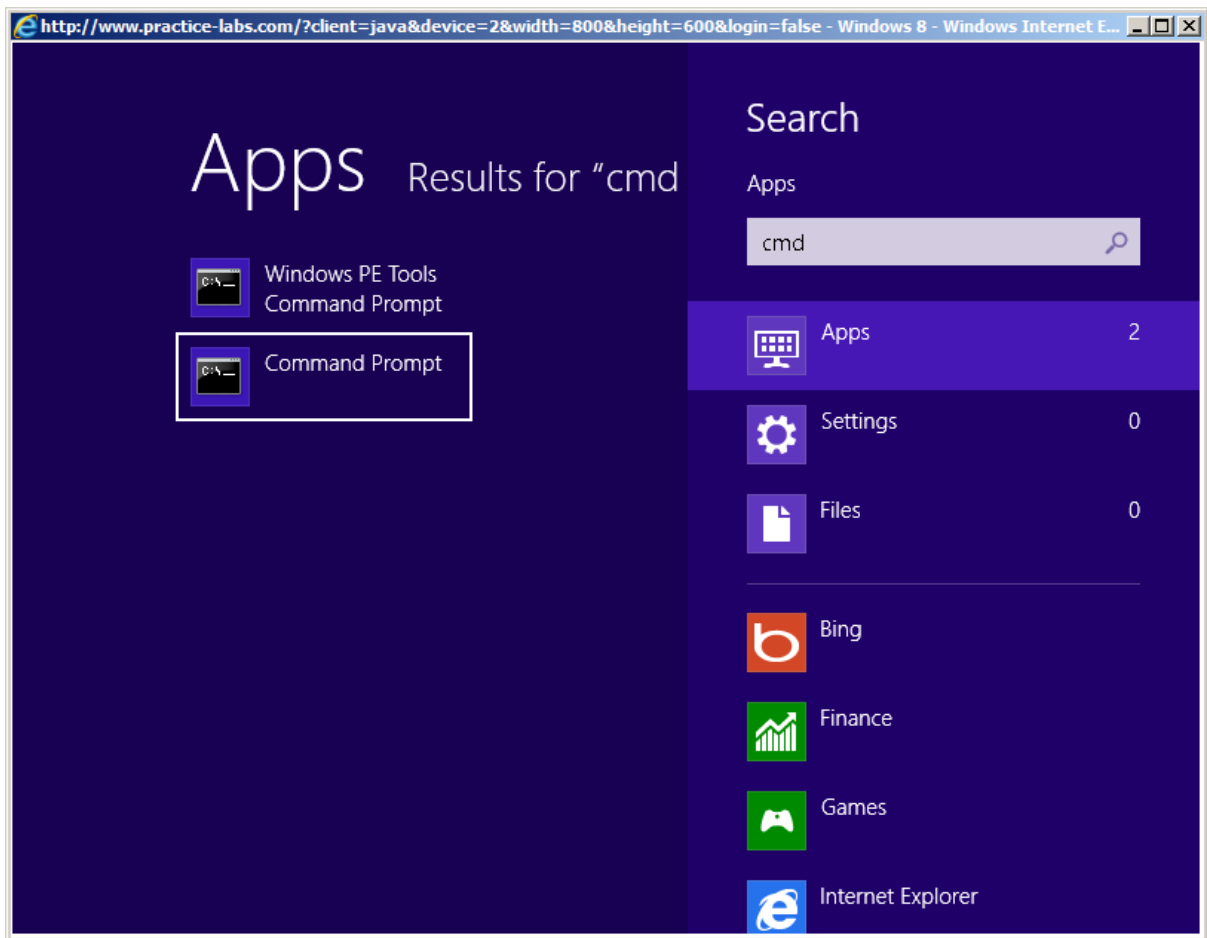
Step 1

Connect to **PLABWIN810** as **PRACTICELABS\Administrator**, password is **PasswOrd**.



Step 2

From Windows Start screen, type **cmd** and select **Command Prompt**.

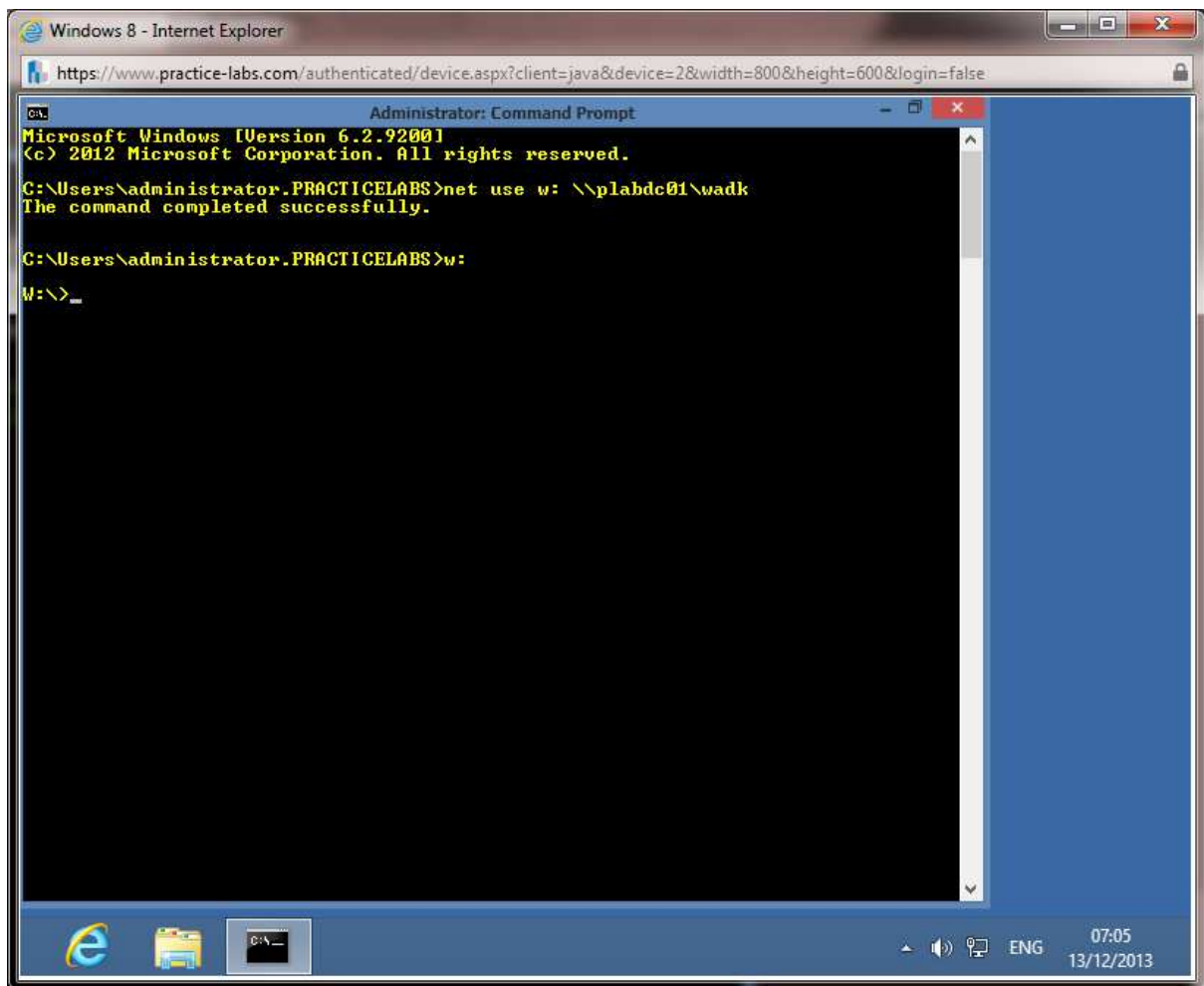


Step 3

From command prompt, type the following commands and press **Enter** after each line.

```
net use w: \\plabdc01\wadk
```

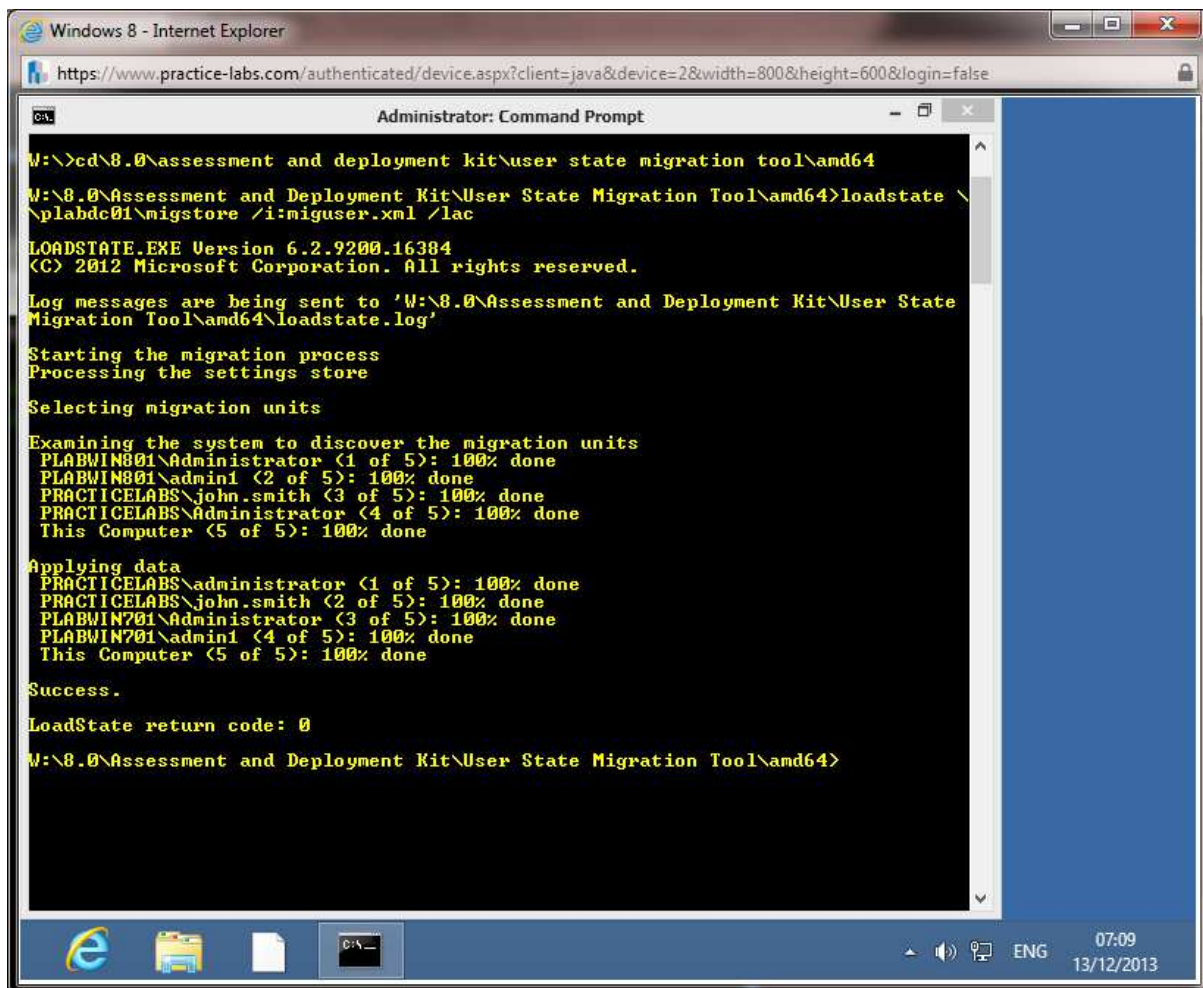
```
w:
```



Step 4

Type the following and press **Enter**.

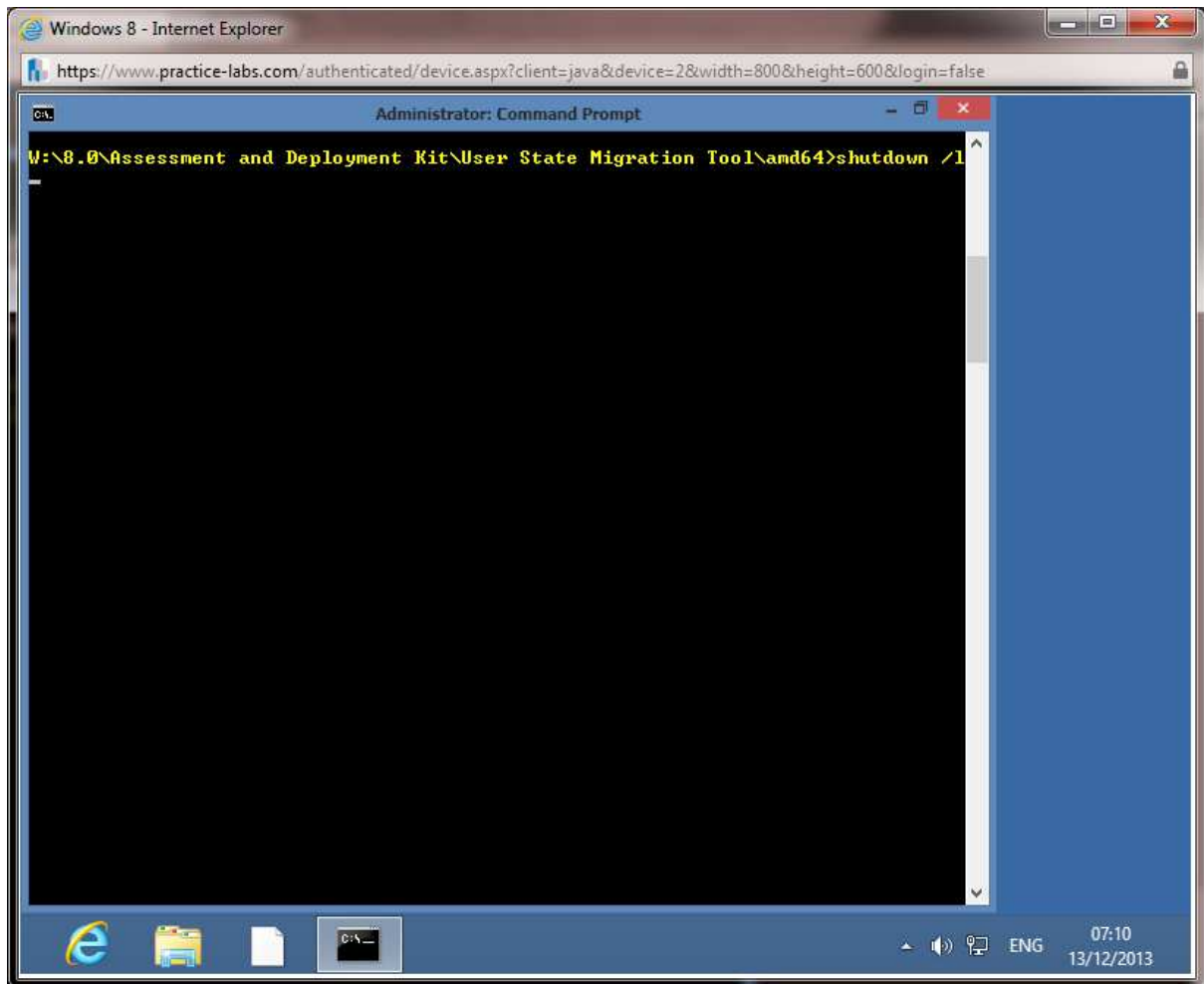
```
cd\8.0\assessment and deployment kit\user state migration tool\amd64  
loadstate \\plabdc01\migstore /i:miguser.xml /lac
```



Step 5

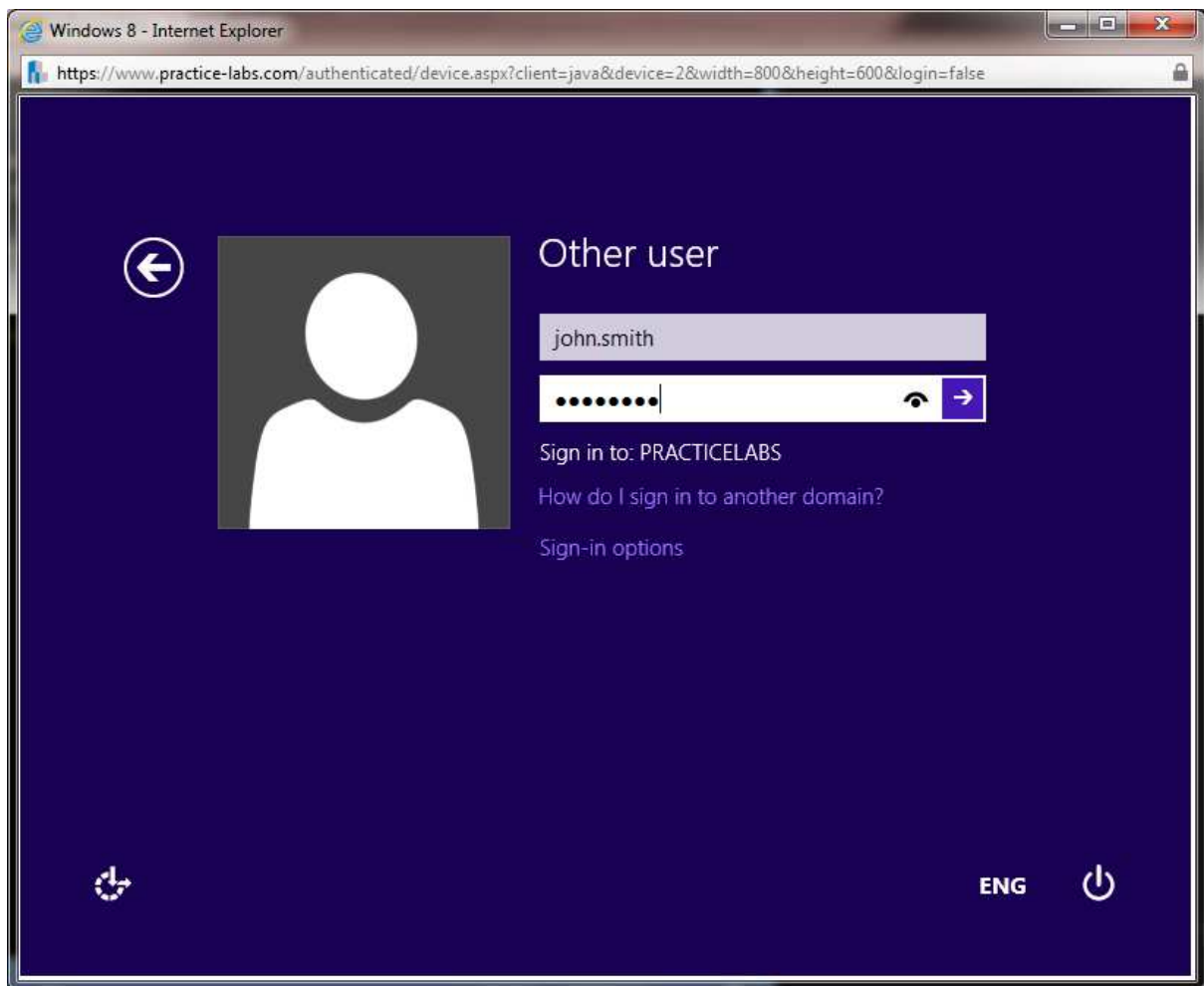
When loadstate is finished, sign out **Administrator**. Type

```
Shutdown /1
```



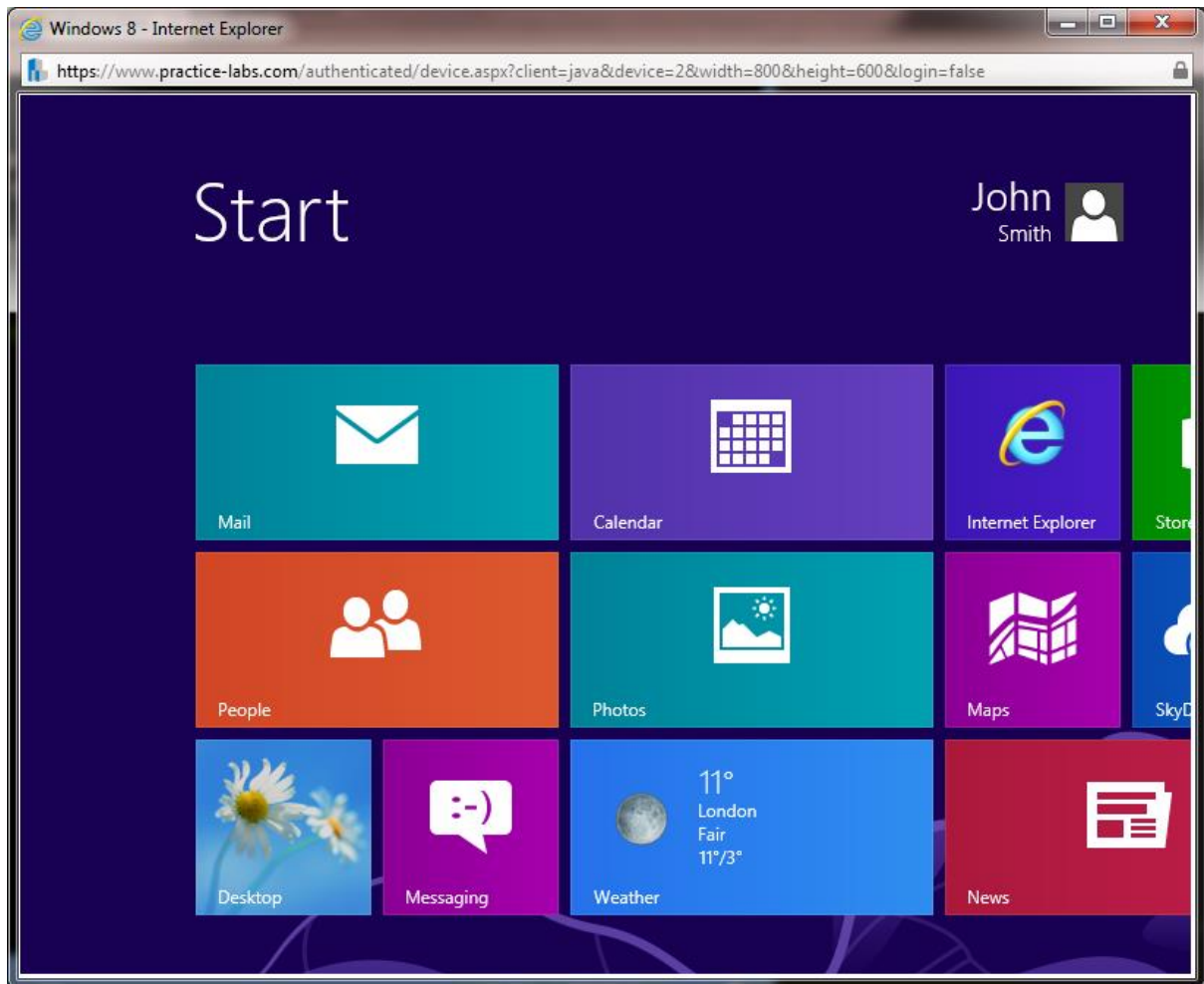
Step 6

Connect to **PLABWIN810**. Sign on as **john.smith**, password is **PasswOrd**. Press **Enter**.



Step 7

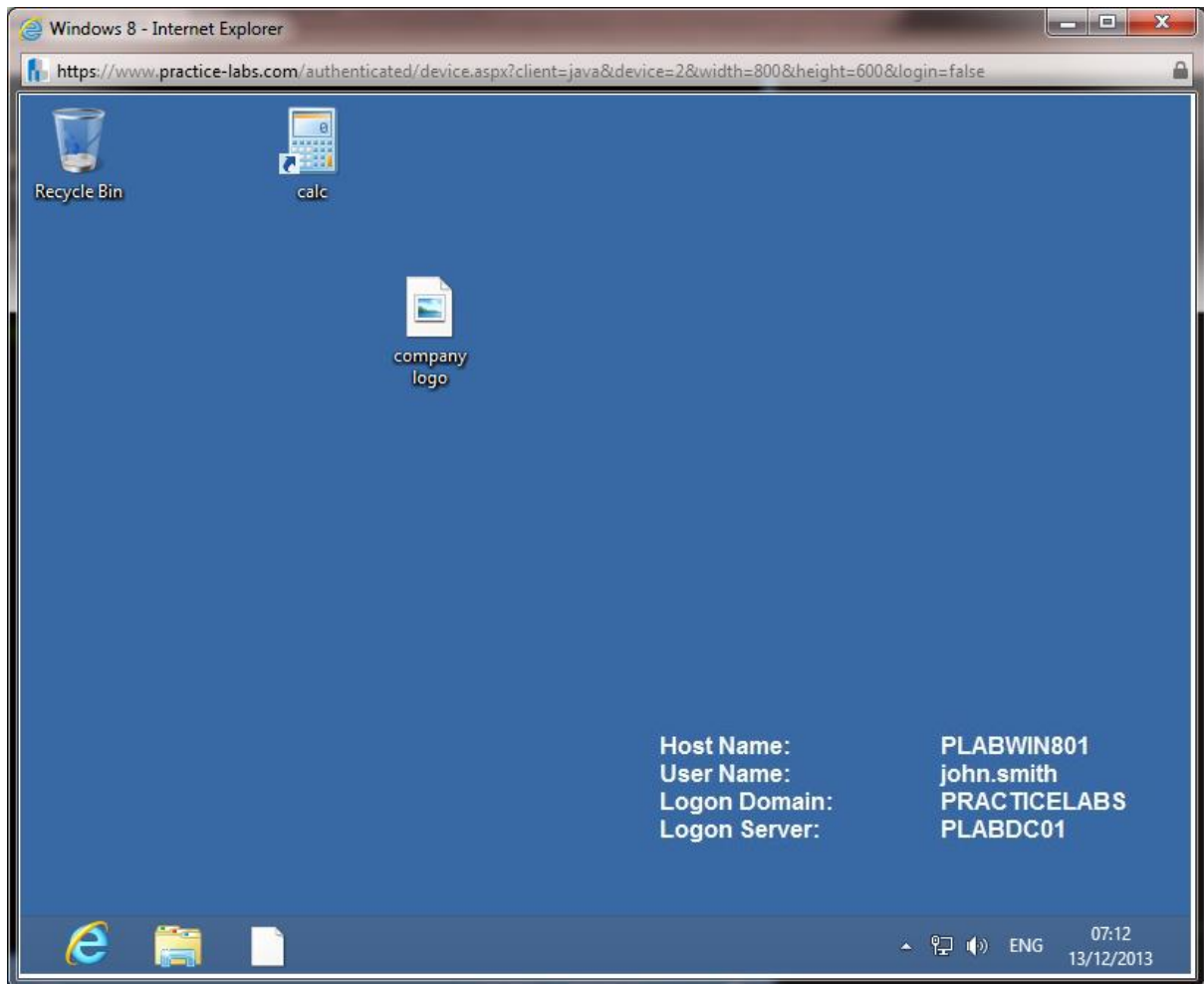
When John Smith is signed in, click on **Desktop** tile.



Step 8

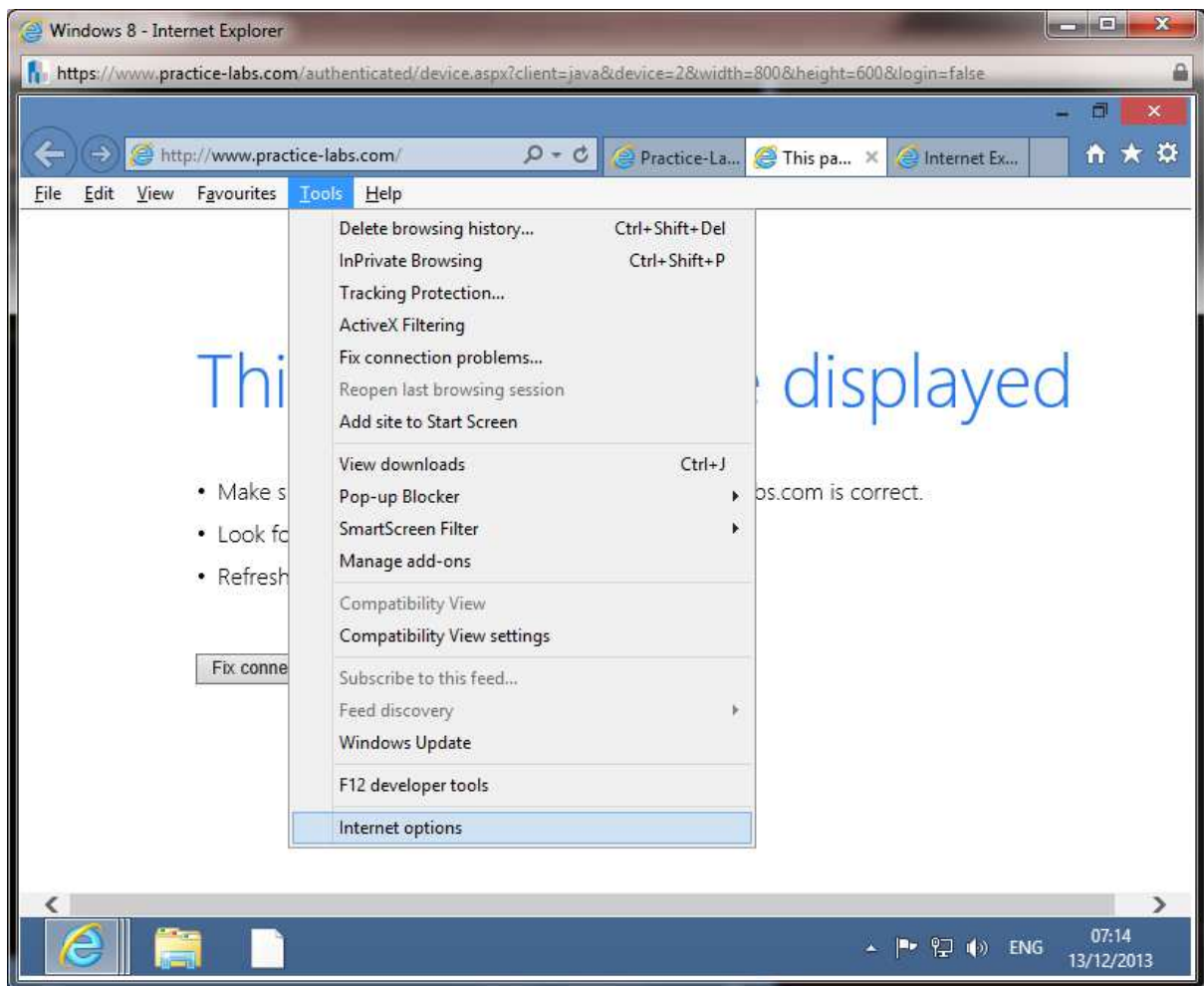
Click **Agree** when presented with BGIInfo license agreement.

You will see the bit map named **company logo** and **Calculator** program shortcut. Click **Internet Explorer** on taskbar.



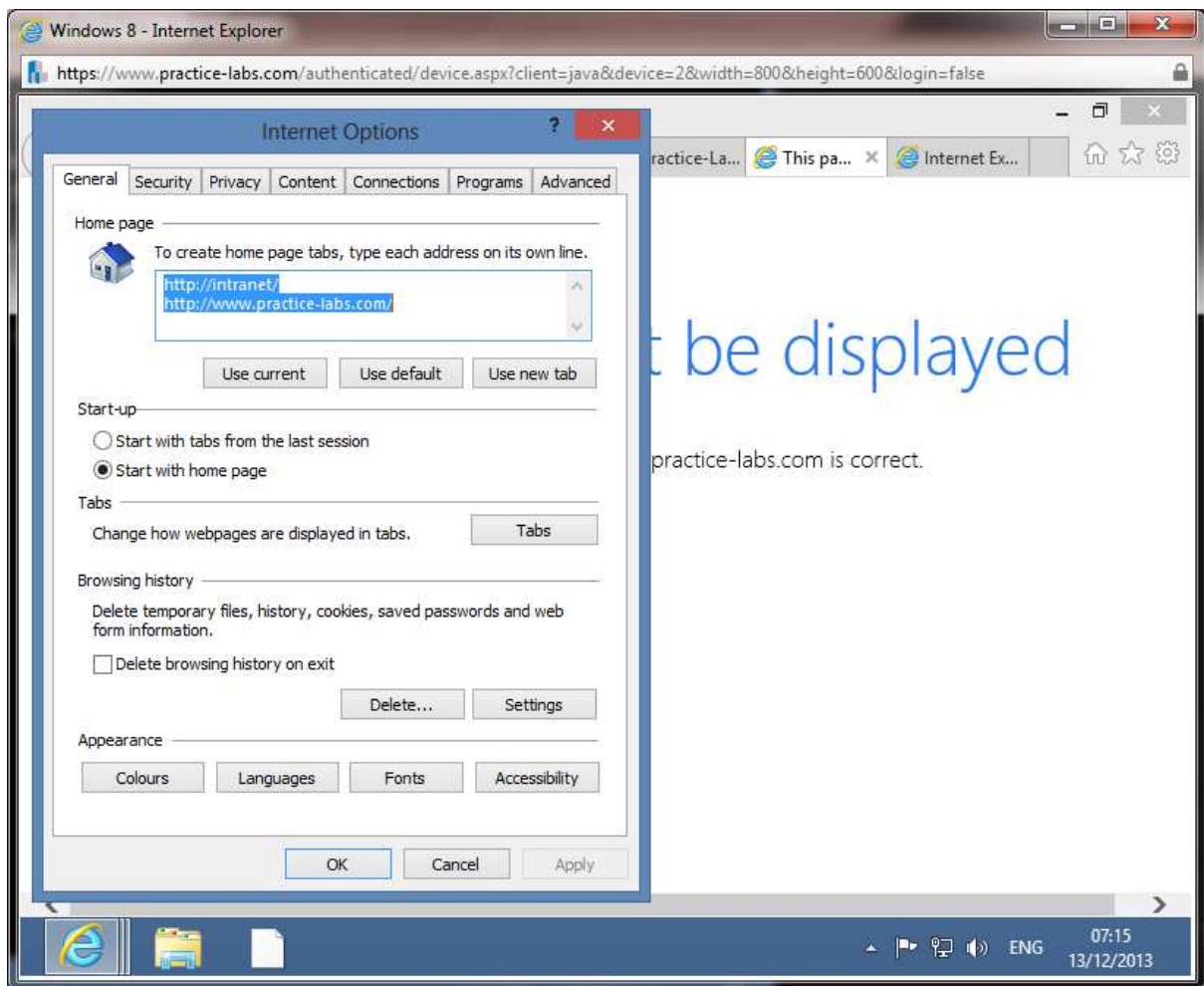
Step 9

From **Internet Explorer**, press **ALT** key and then click **Tools > Internet Options**.



Step 10

Verify that <http://www.practice-labs.com/> is one of the home pages. Click **OK** and close Internet Explorer.



Keep all the virtual machines continue running and proceed to the next exercise.

Exercise 4 – Folder Redirection

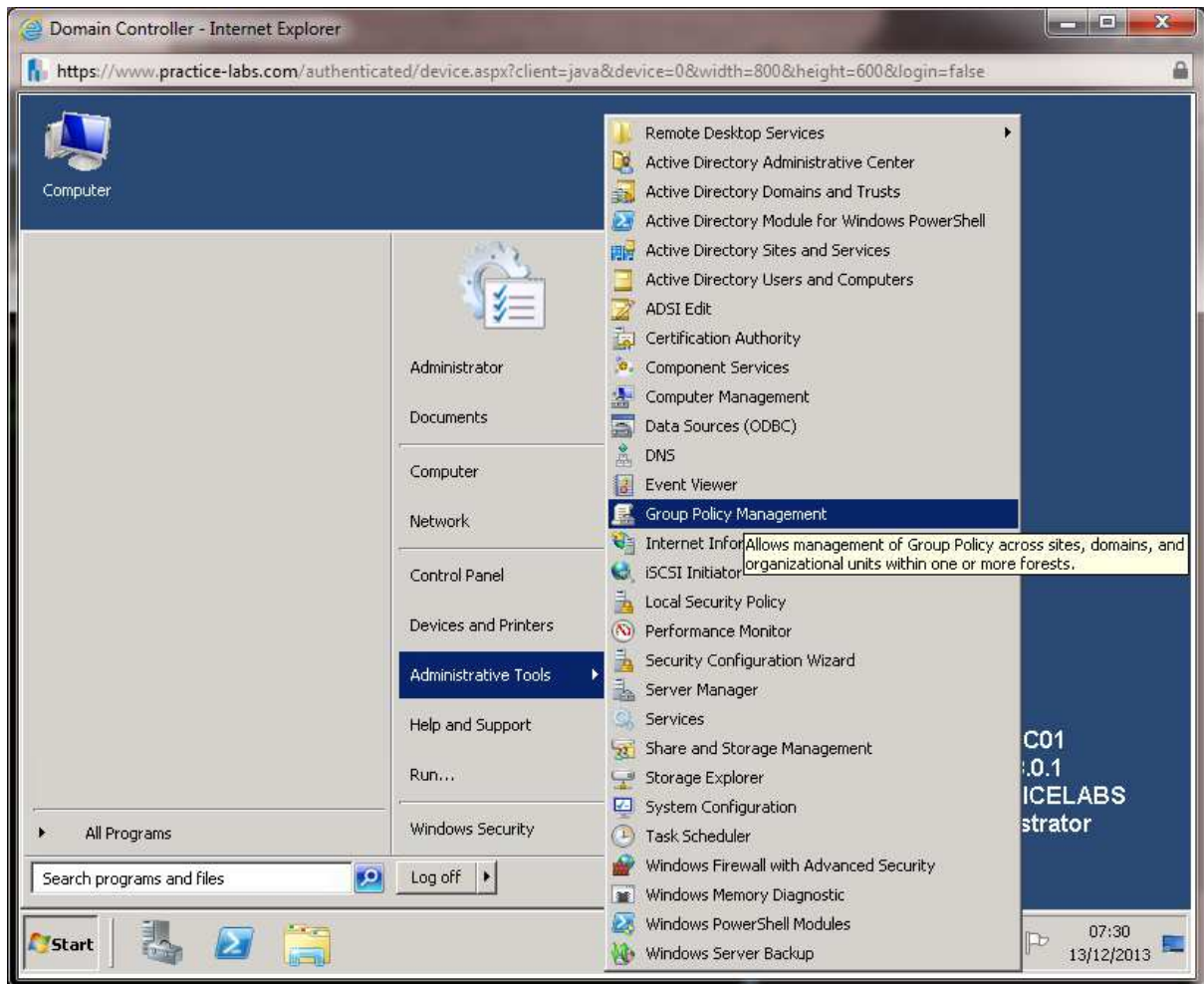
In this exercise, you will configure Folder Redirection of user data files from a local workstation to a designated file server.

Please refer to your course material or use your favourite search engine to research for more information about this topic.

Task 1: Create a GPO for folder redirection

Step 1

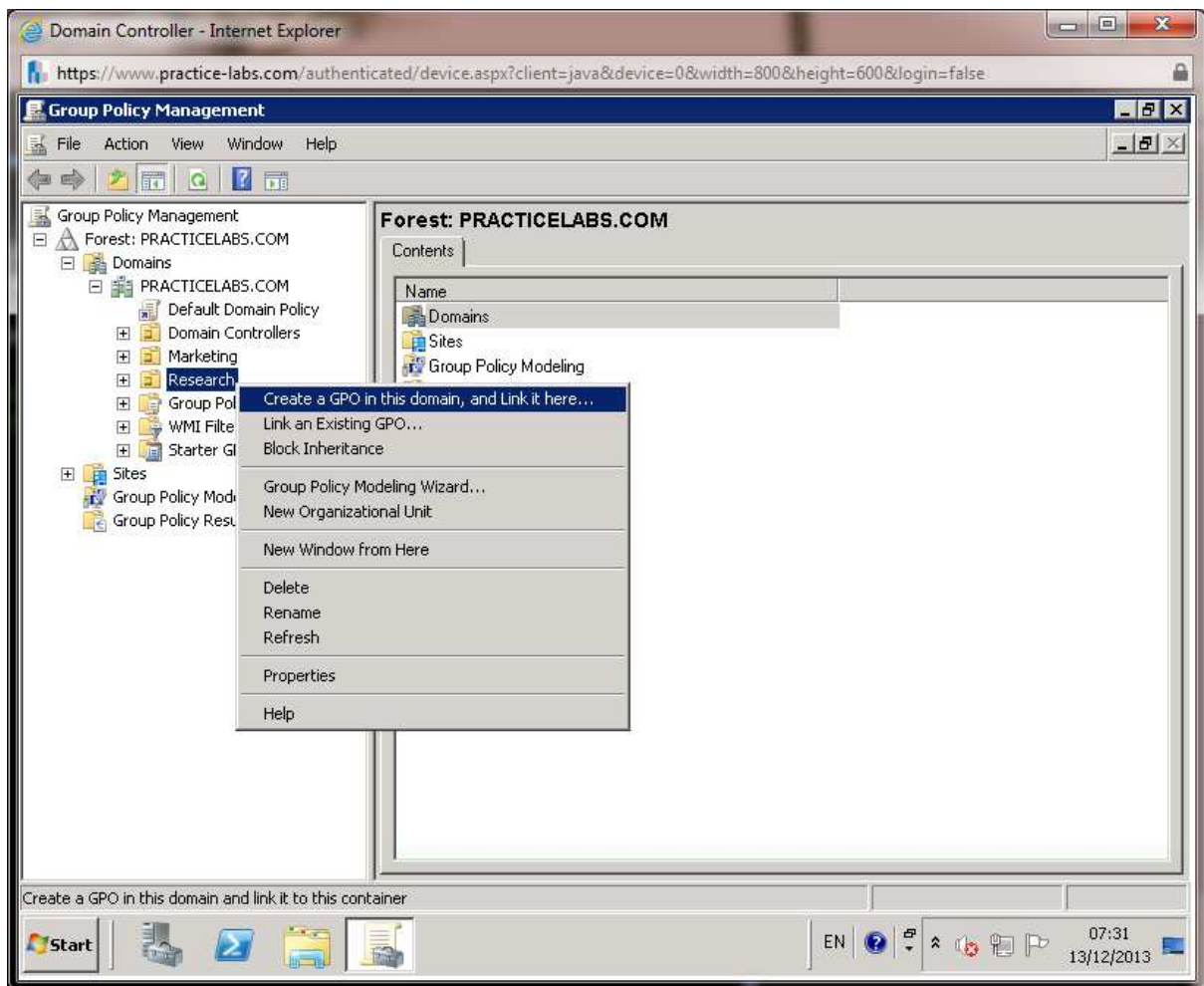
Connect to **PLABDC01**. Go to **Start > Administrative Tools > Group Policy Management**.



Step 2

Expand **Forest:PRACTICELABS.COM** and go to **Domains > PRACTICELABS.COM** and then right-click on **Research**.

Choose **Create a GPO in this domain and link it here...**

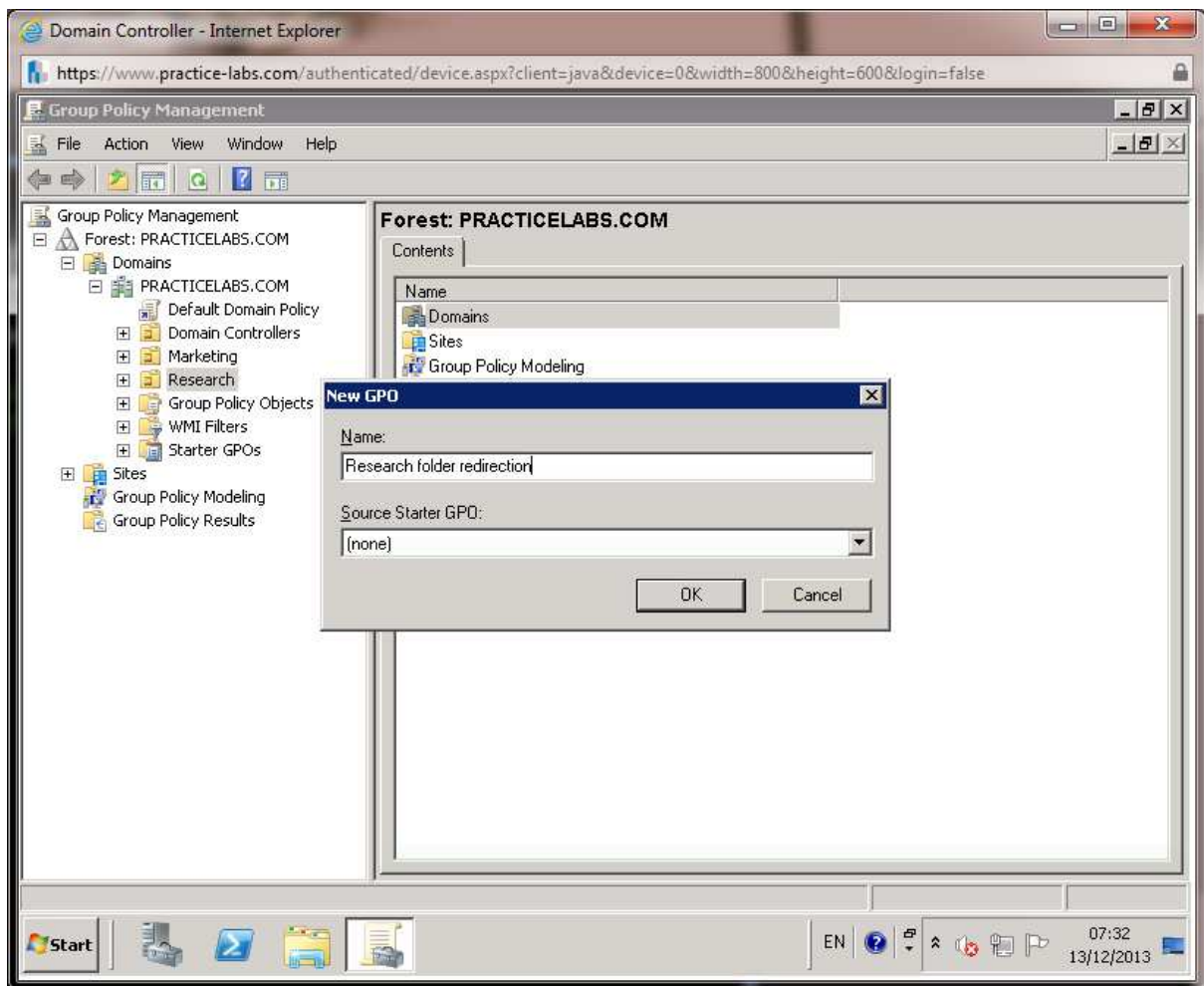


Step 3

From **New GPO** dialogue, type

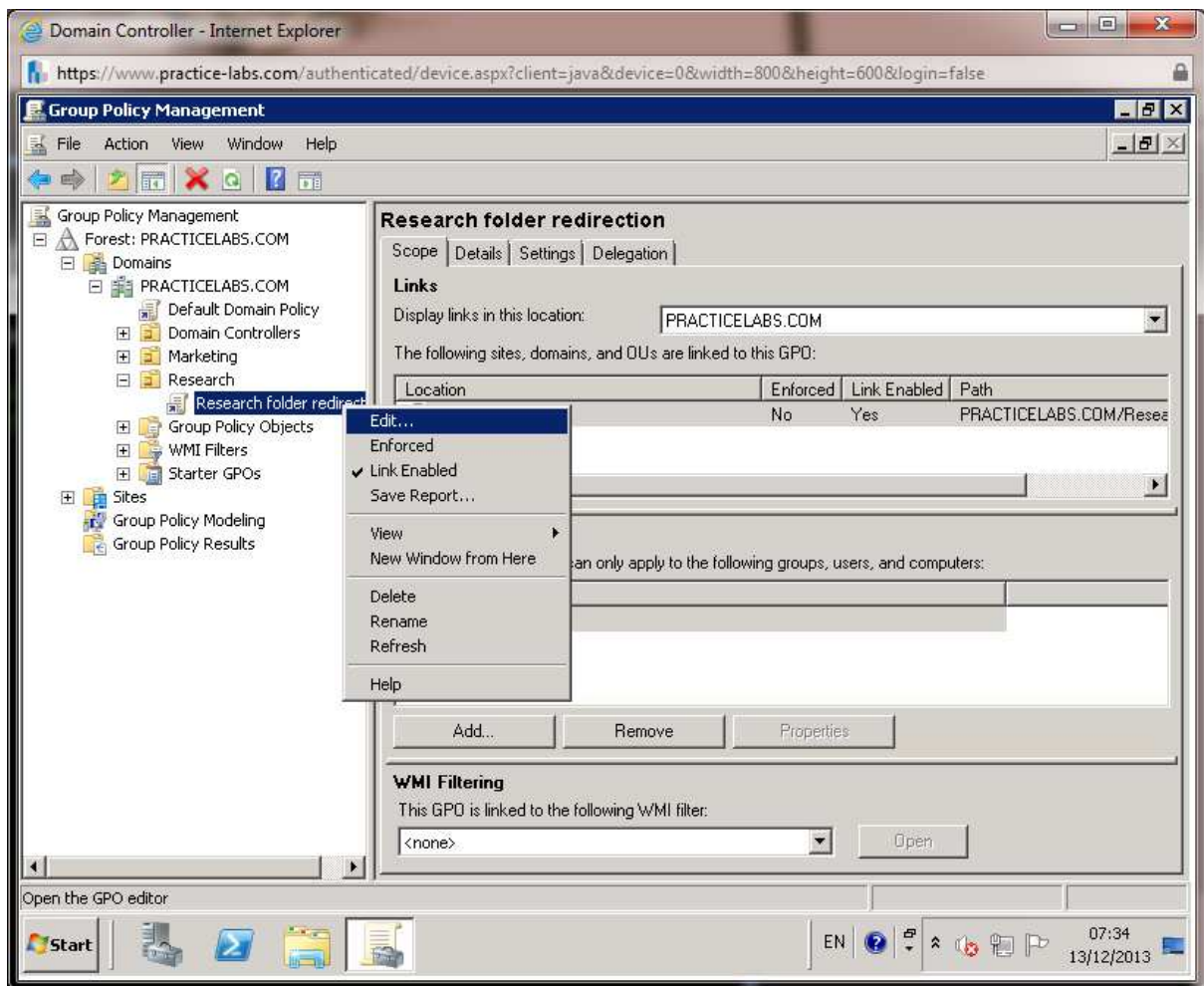
Research folder redirection

Click **OK**.



Step 4

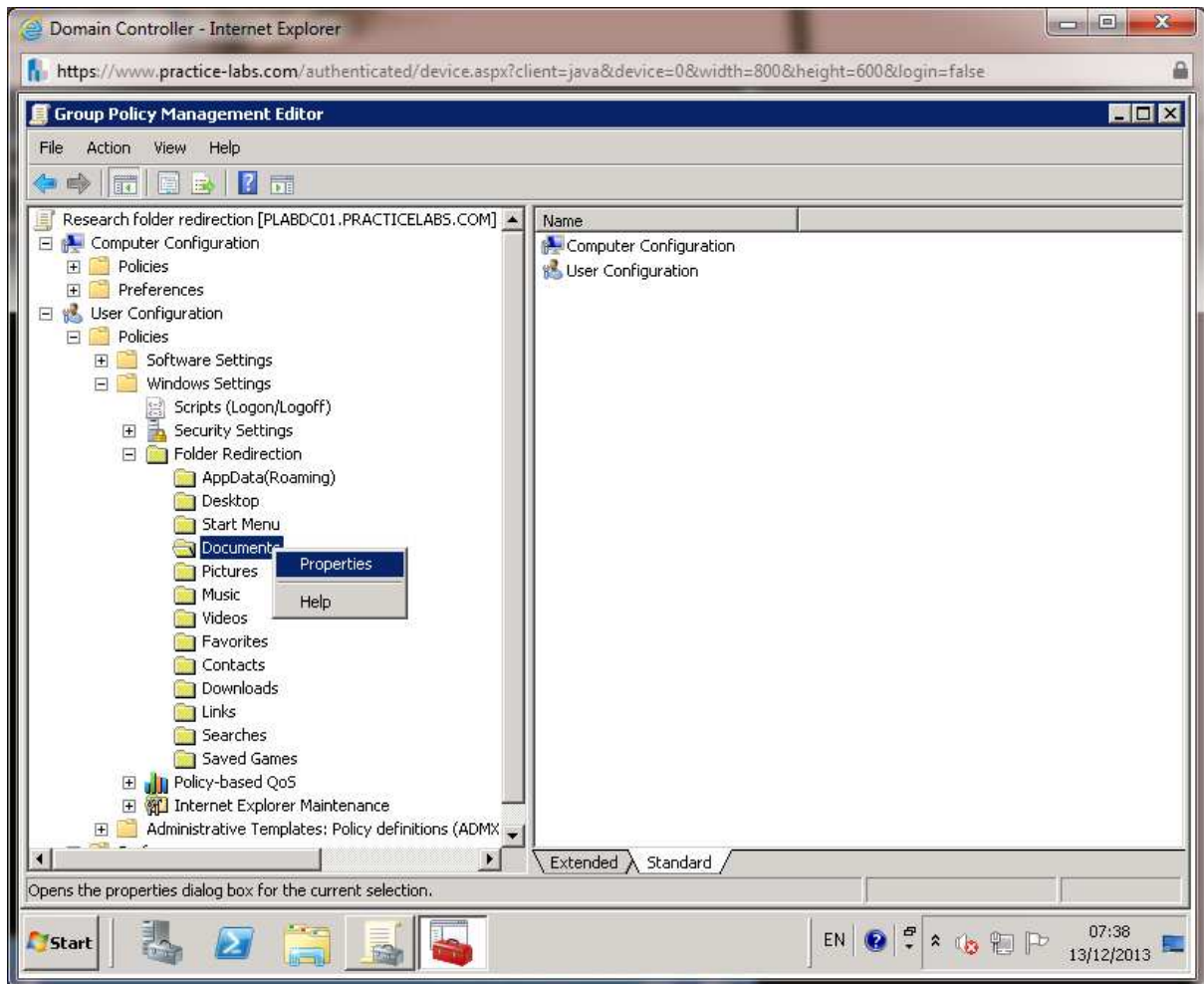
Right-click on **Research folder redirection** GPO link and choose **Edit**.



Step 5

On Group Policy Management Editor, go to **User Configuration > Policies > Windows Settings > Folder Redirection**.

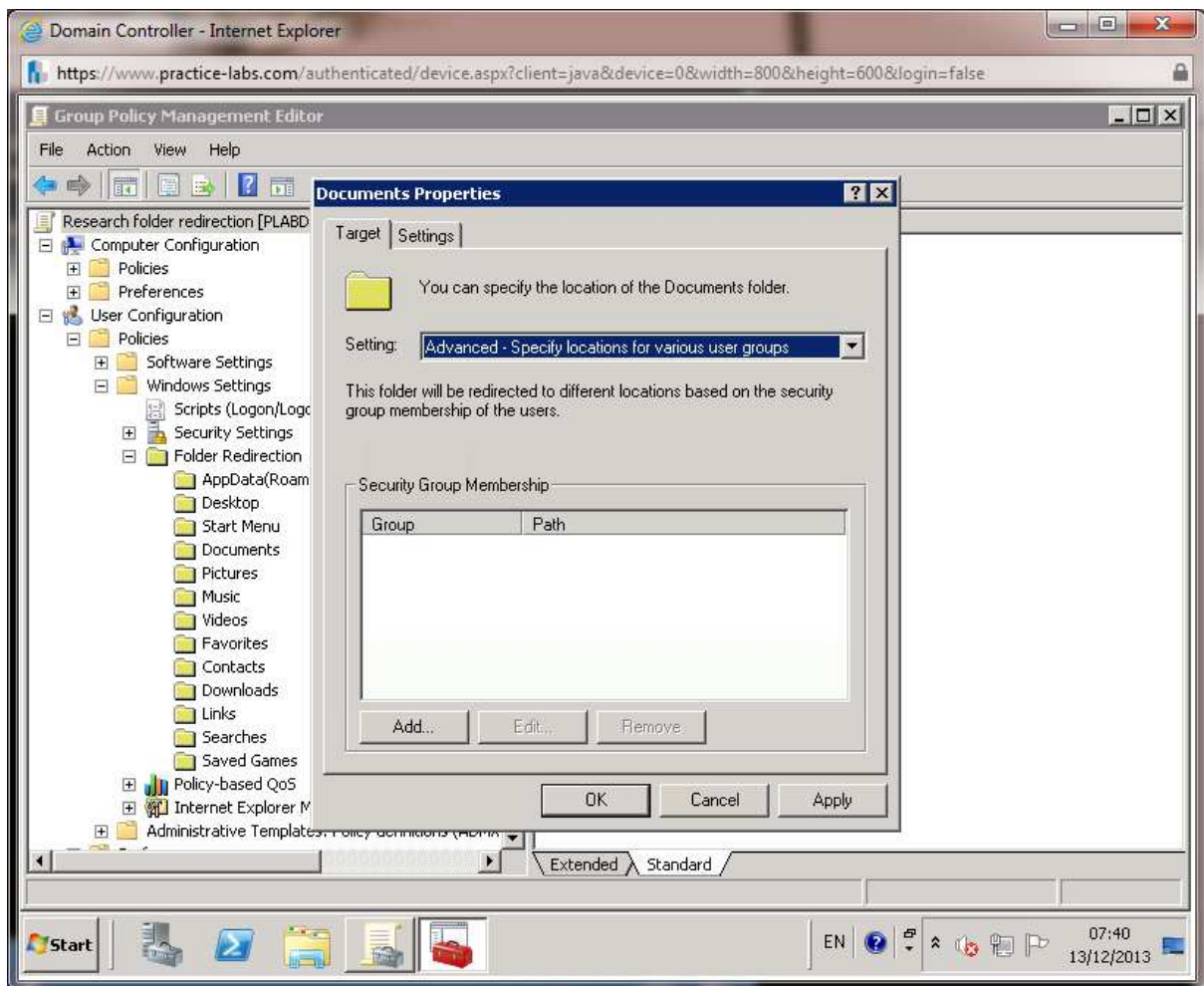
Right-click on **Documents** and choose **Properties**.



Step 6

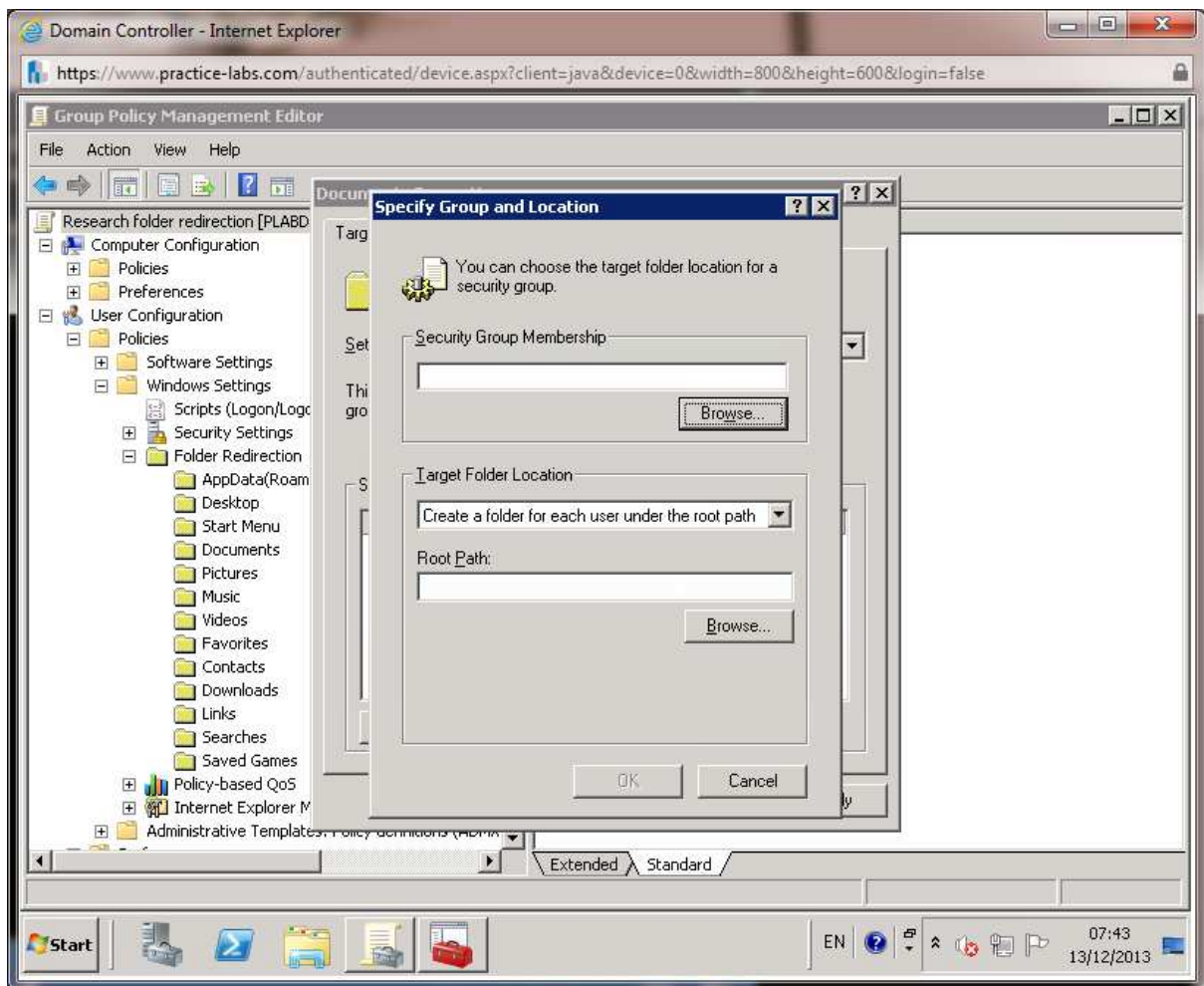
On **Documents Properties**, change **Setting** to **Advanced – Specify locations for various user groups**.

Under **Security Group Membership** section click **Add...**



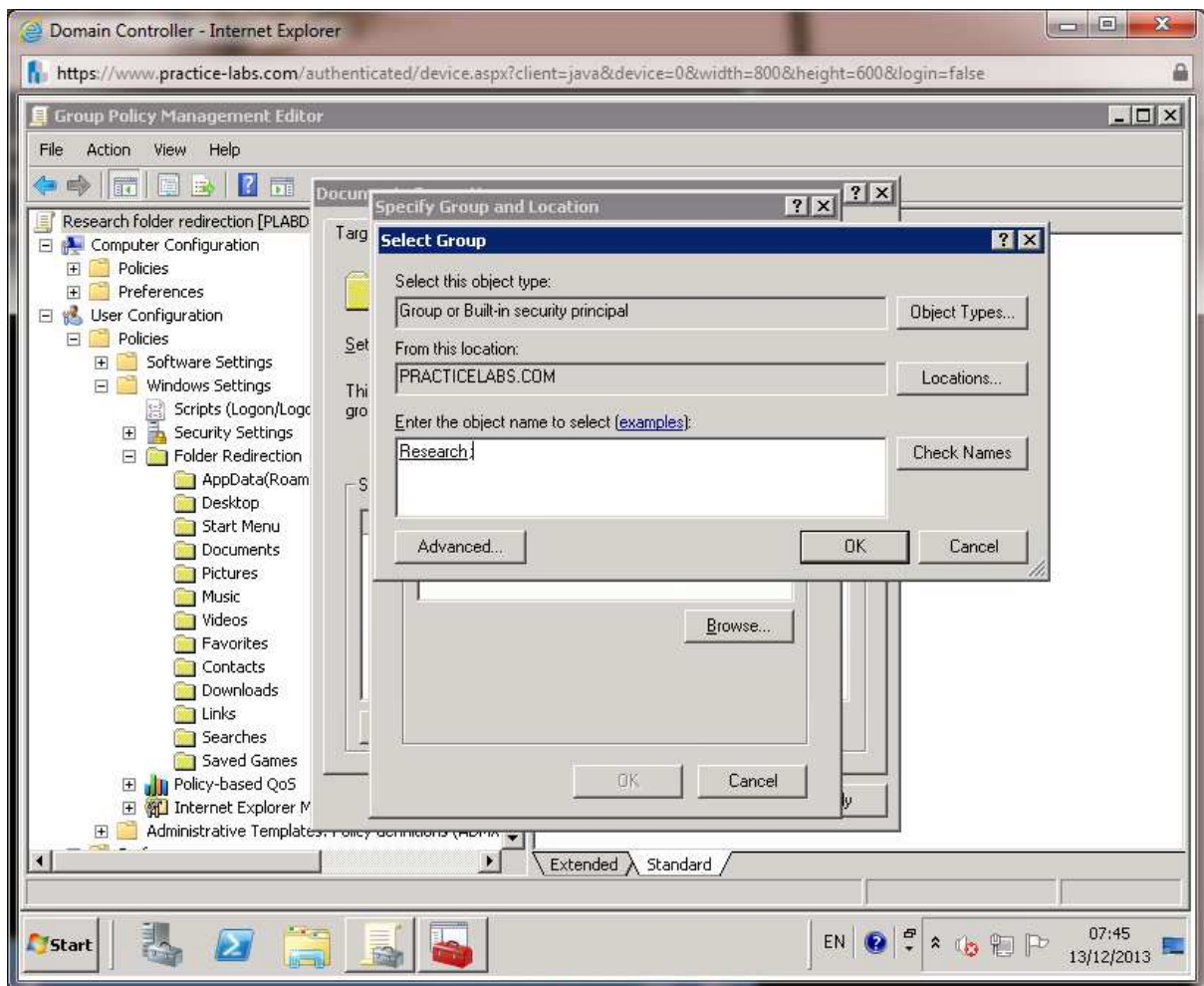
Step 7

On **Specify Group and Location** dialogue, go to **Security Group Membership** section and click **Browse...**



Step 8

On **Select Group** dialogue, click in the text box and type **research**, then click **Check Names**.

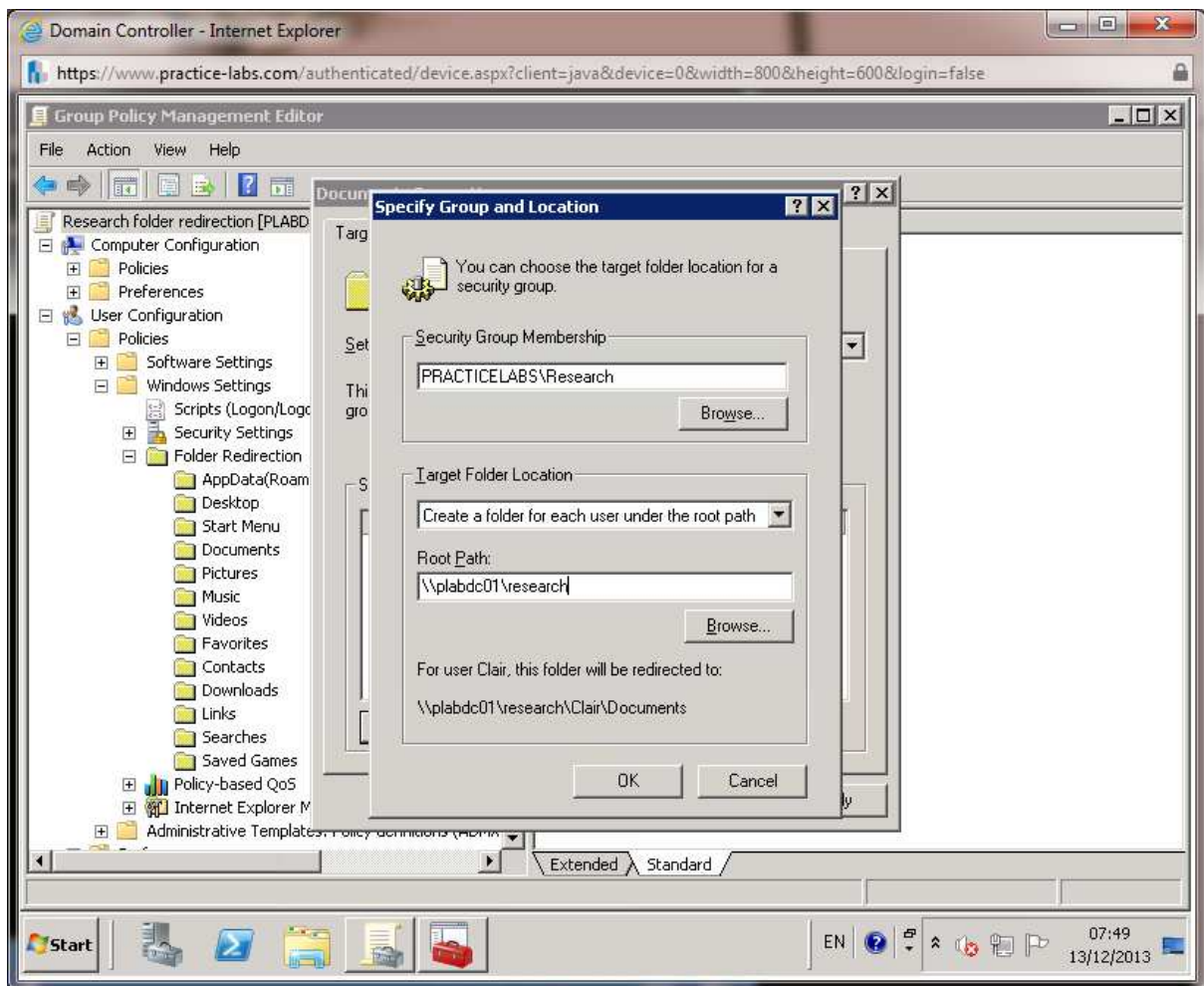


Step 9

Back in **Specify Group and Location** dialogue, click in **Root Path** and type

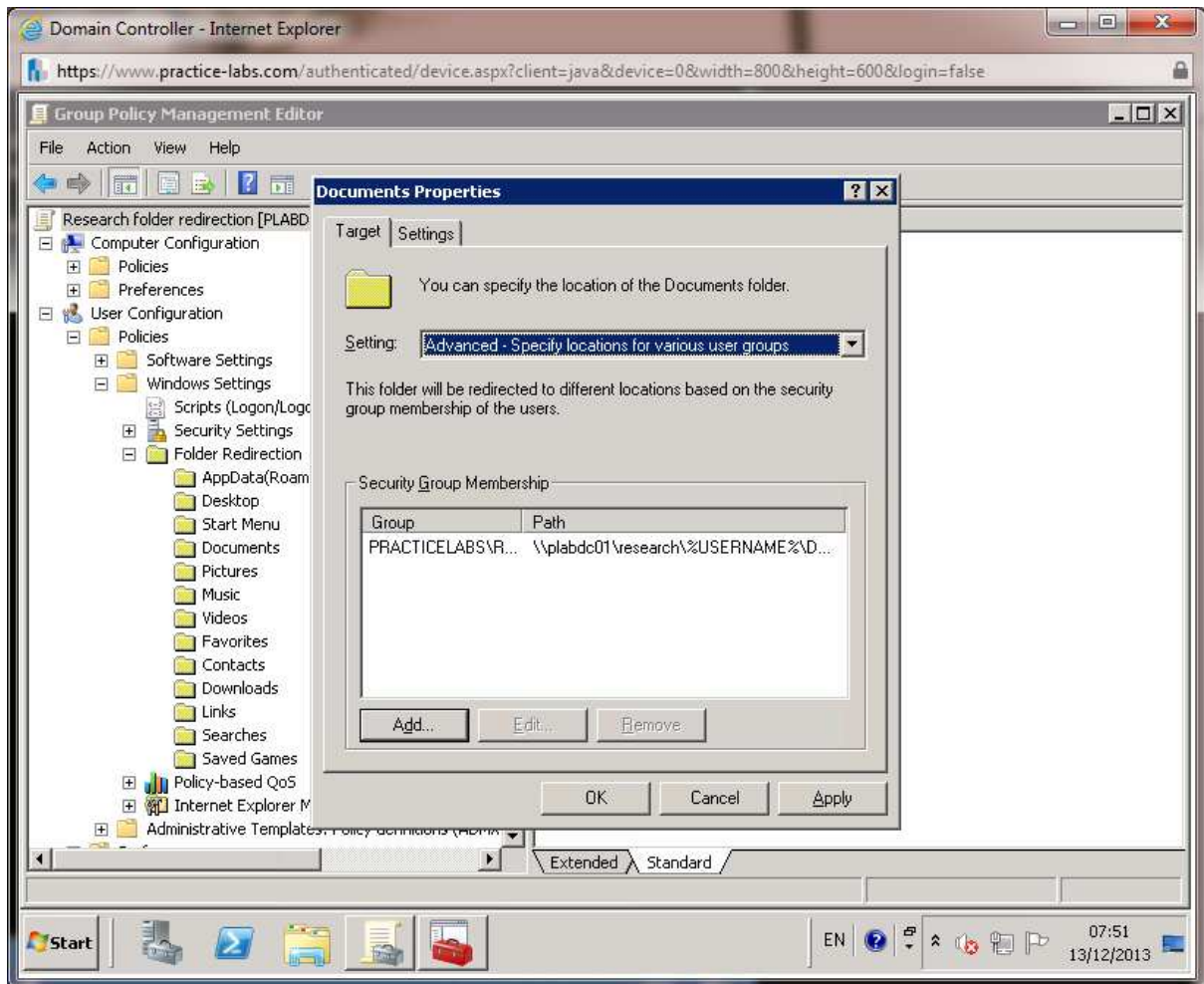
```
\\plabdc01\research
```

Click **OK**.



Step 10

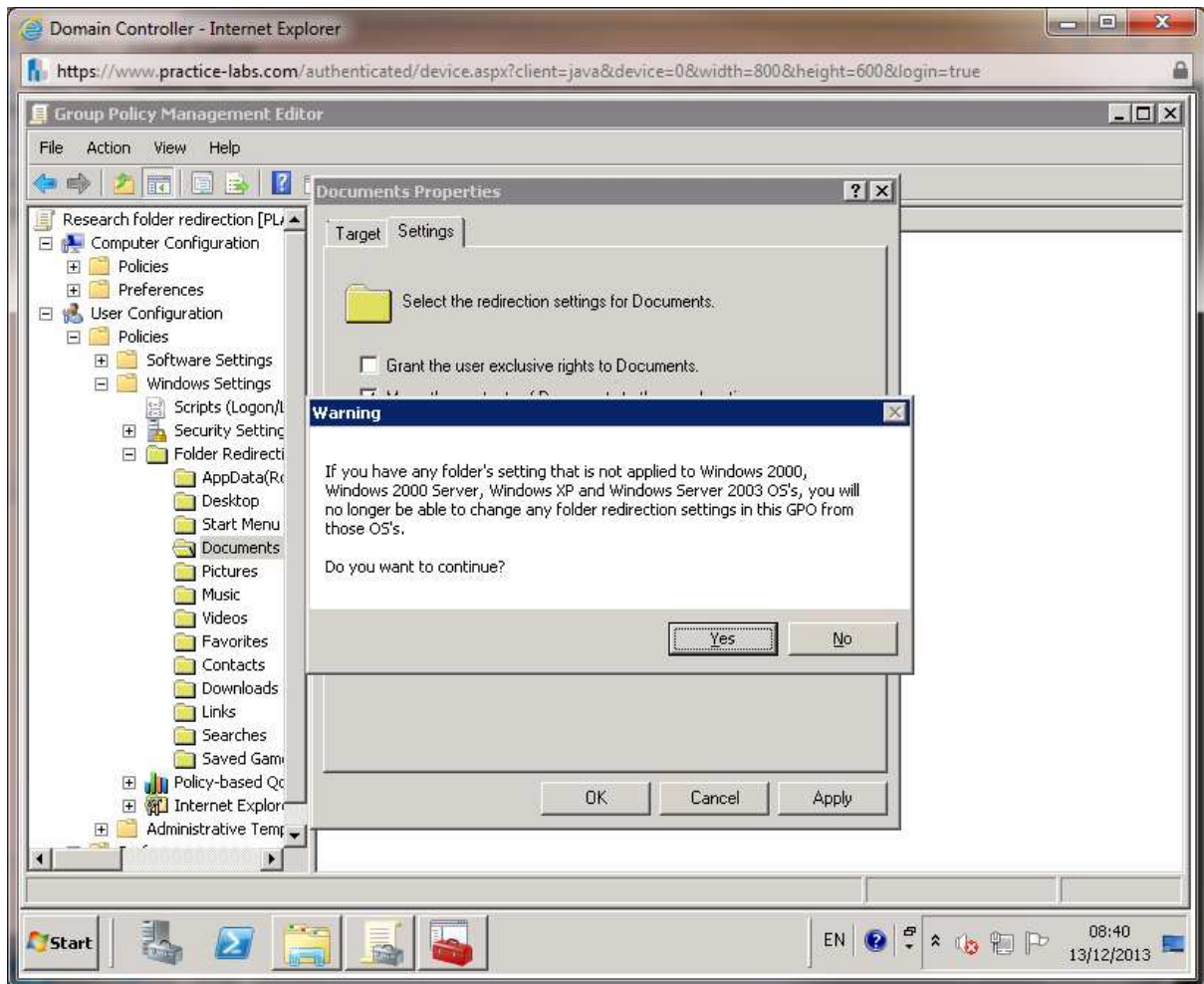
Back in **Documents Properties** dialogue box, click **OK**.



Step 11

Click **Yes** when Warning about folder redirection not being applies to older Windows clients.

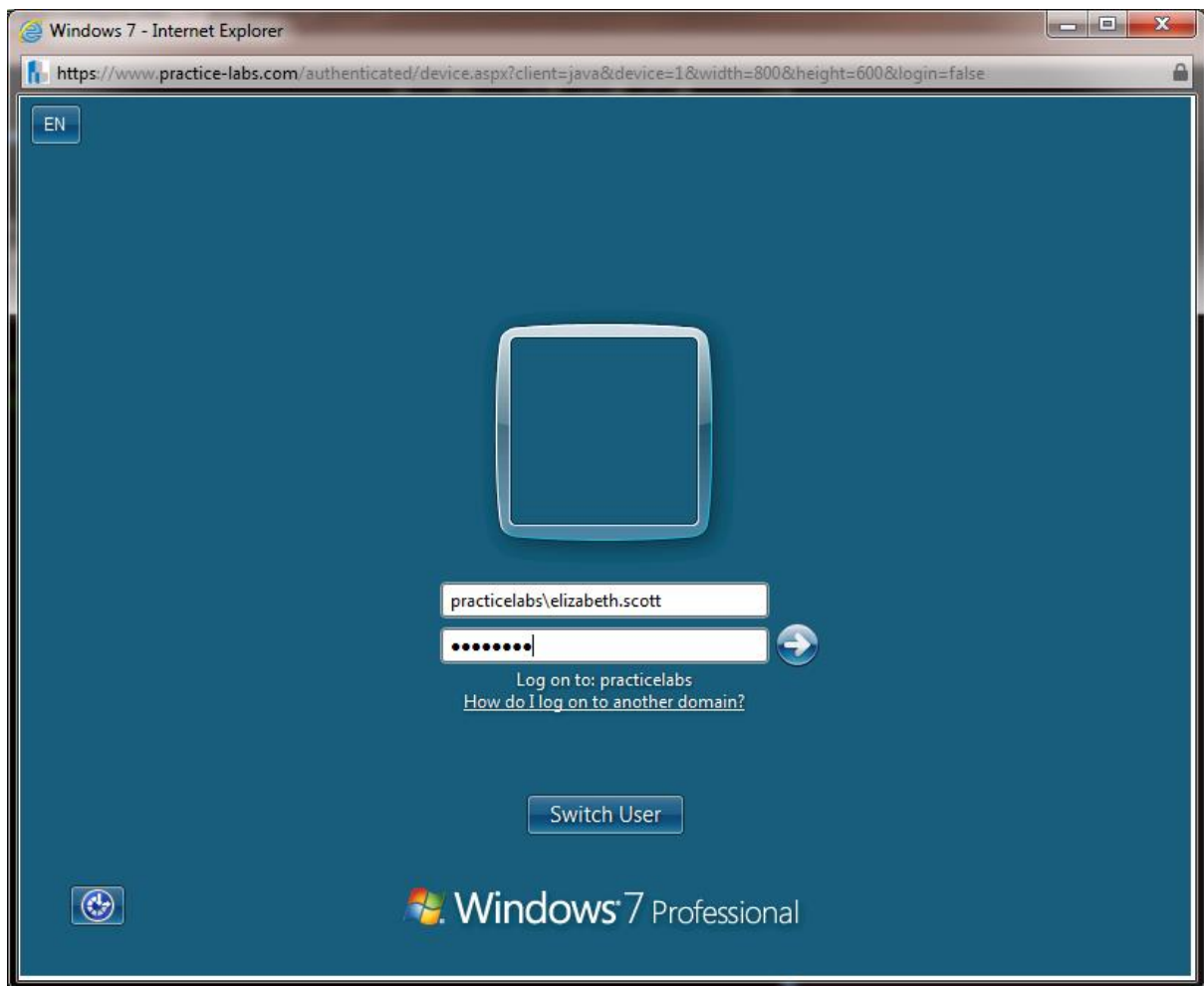
Close Group Policy Management Editor and Group Policy Management Console.



Task 2: Verify Folder Redirection for Research group

Step 1

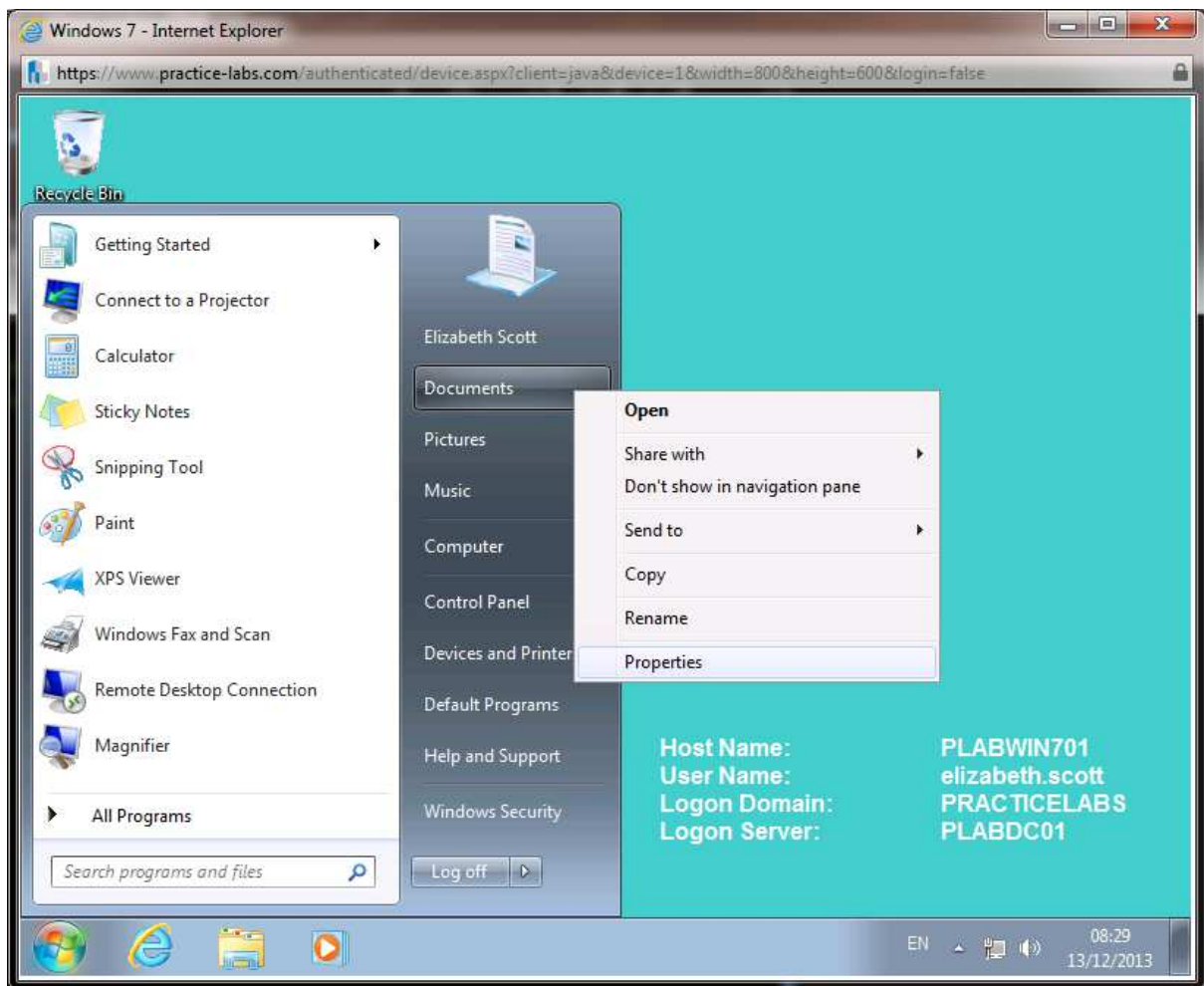
Connect to **PLABWIN701**. Sign in as **practicelabs\elizabeth scott**, password is **Passw0rd**.



Step 2

Select **Agree** when prompted by BGInfo.

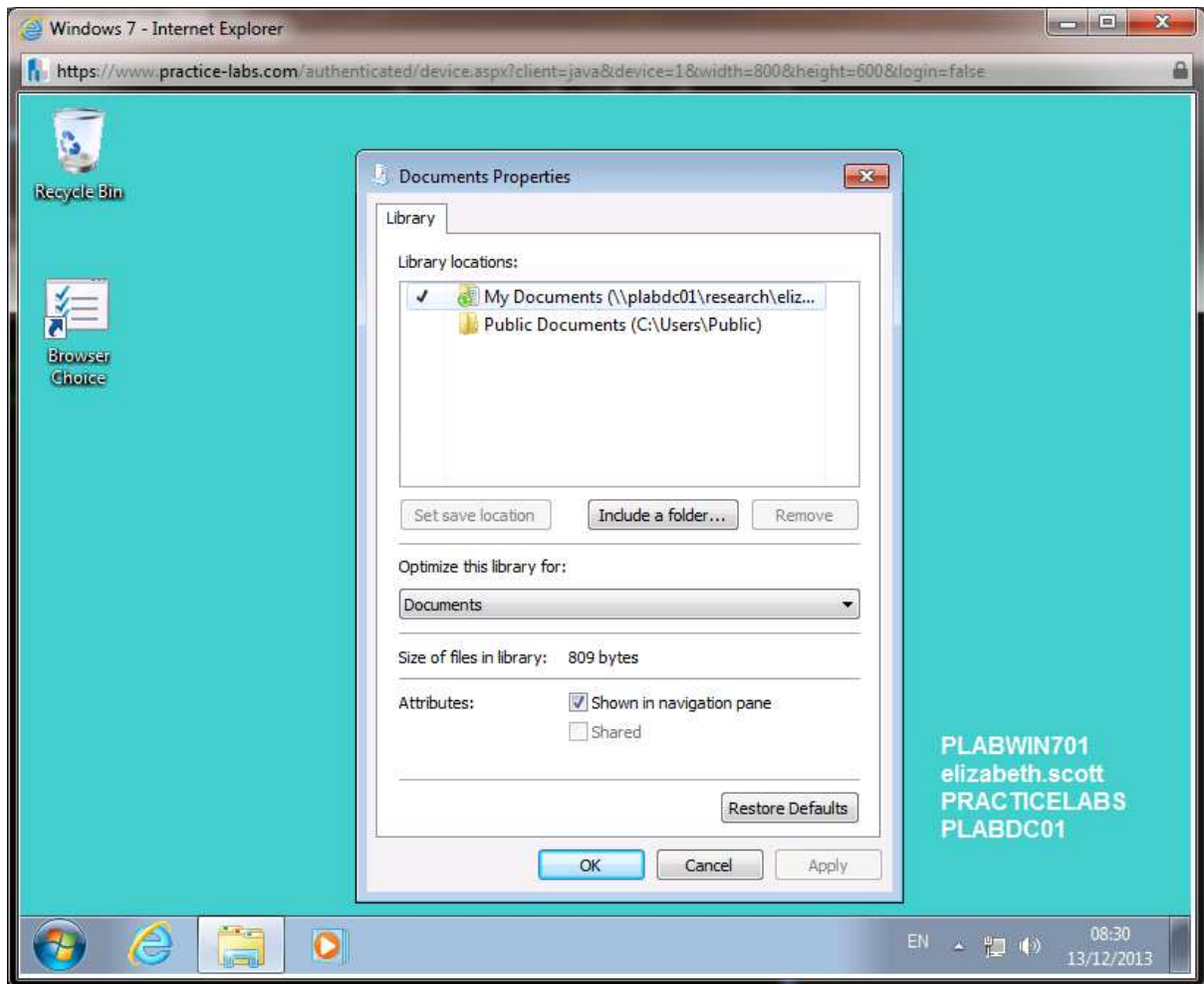
Click **Start** and then right-click on **Documents**, choose **Properties**.



Step 3

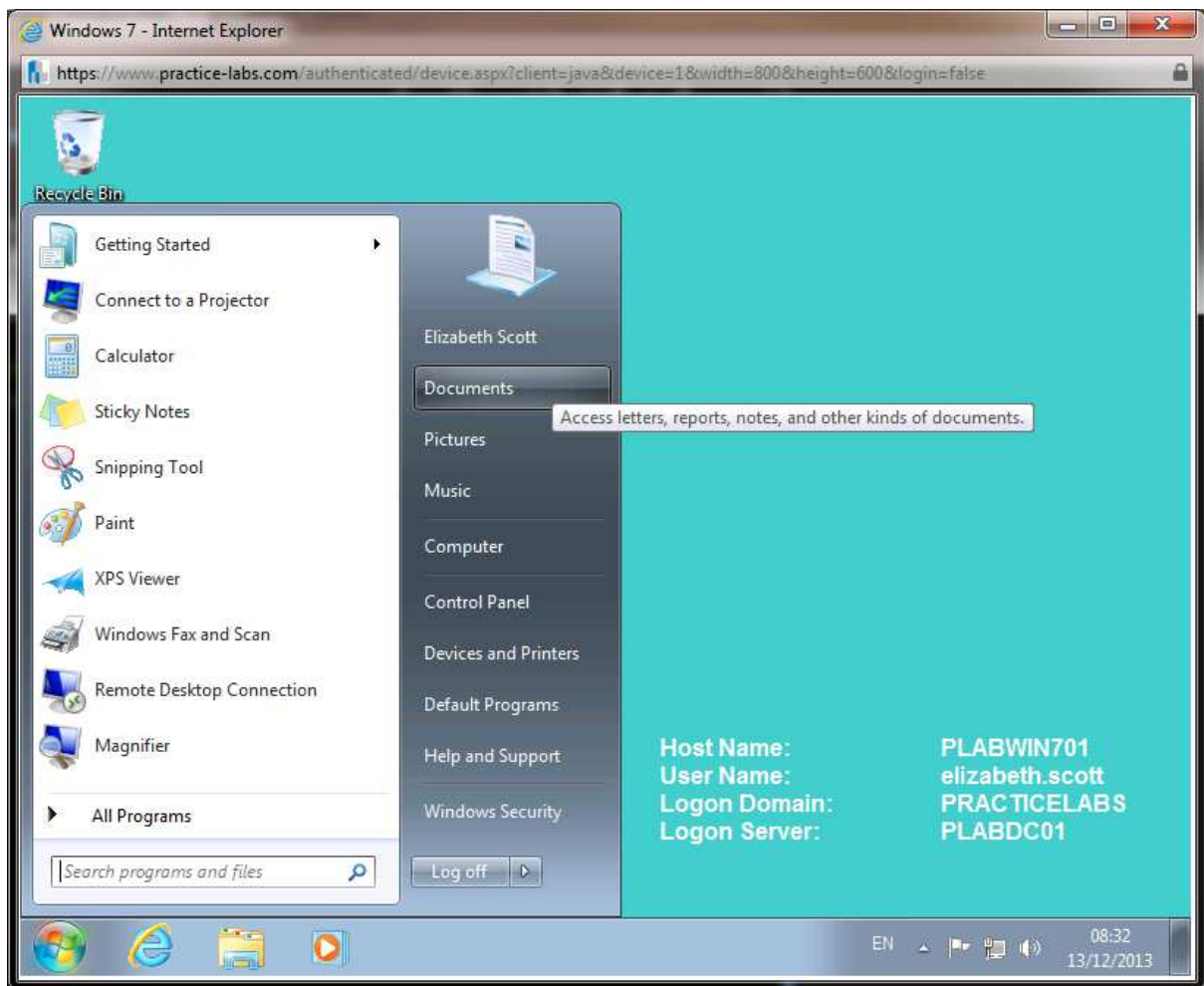
Document Properties dialogue indicates that **My Documents** is found in a network location **\\plabdc01\research\elizabeth.scott**

Click **OK**.



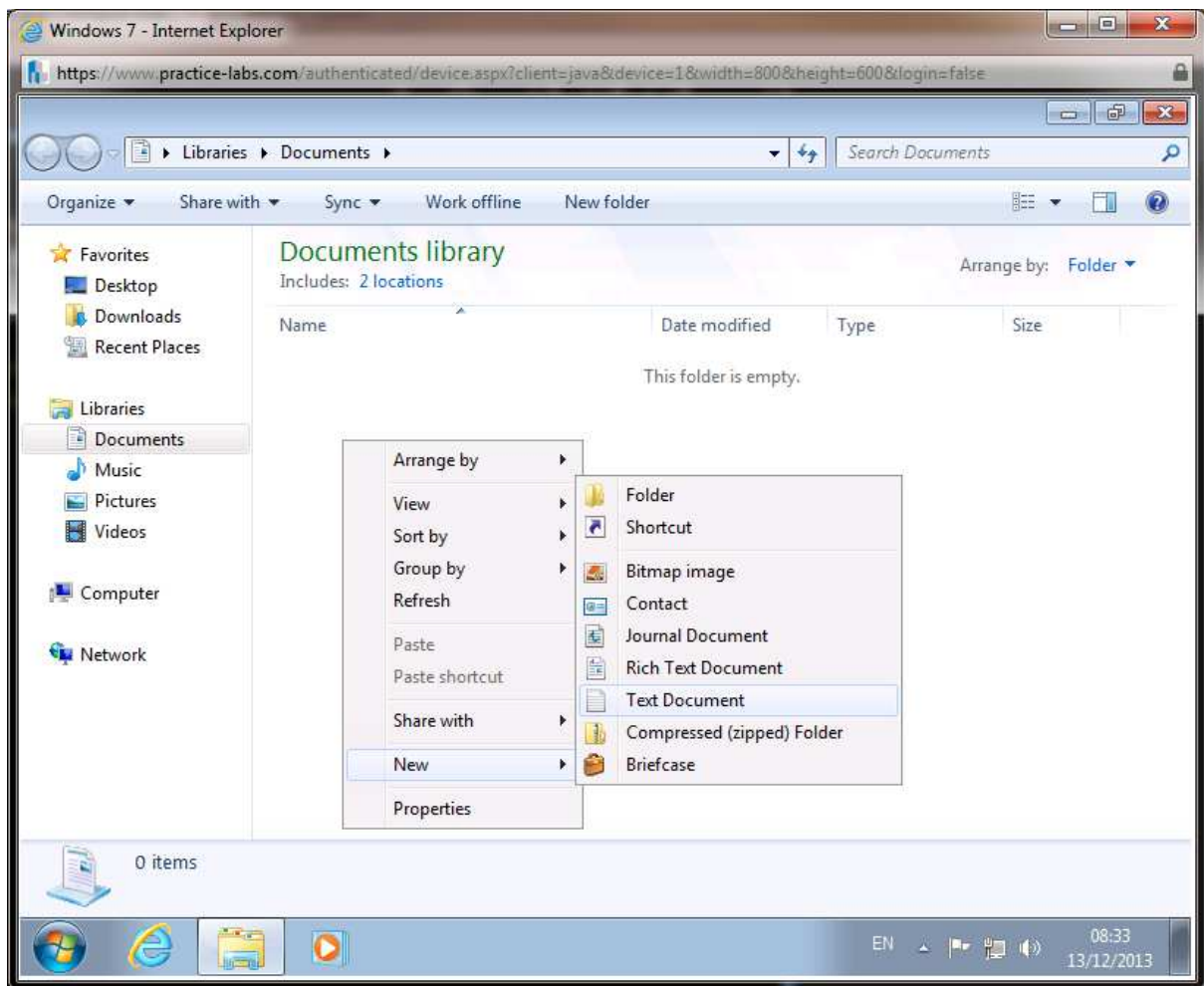
Step 4

Click on **Start** go to **Documents**.



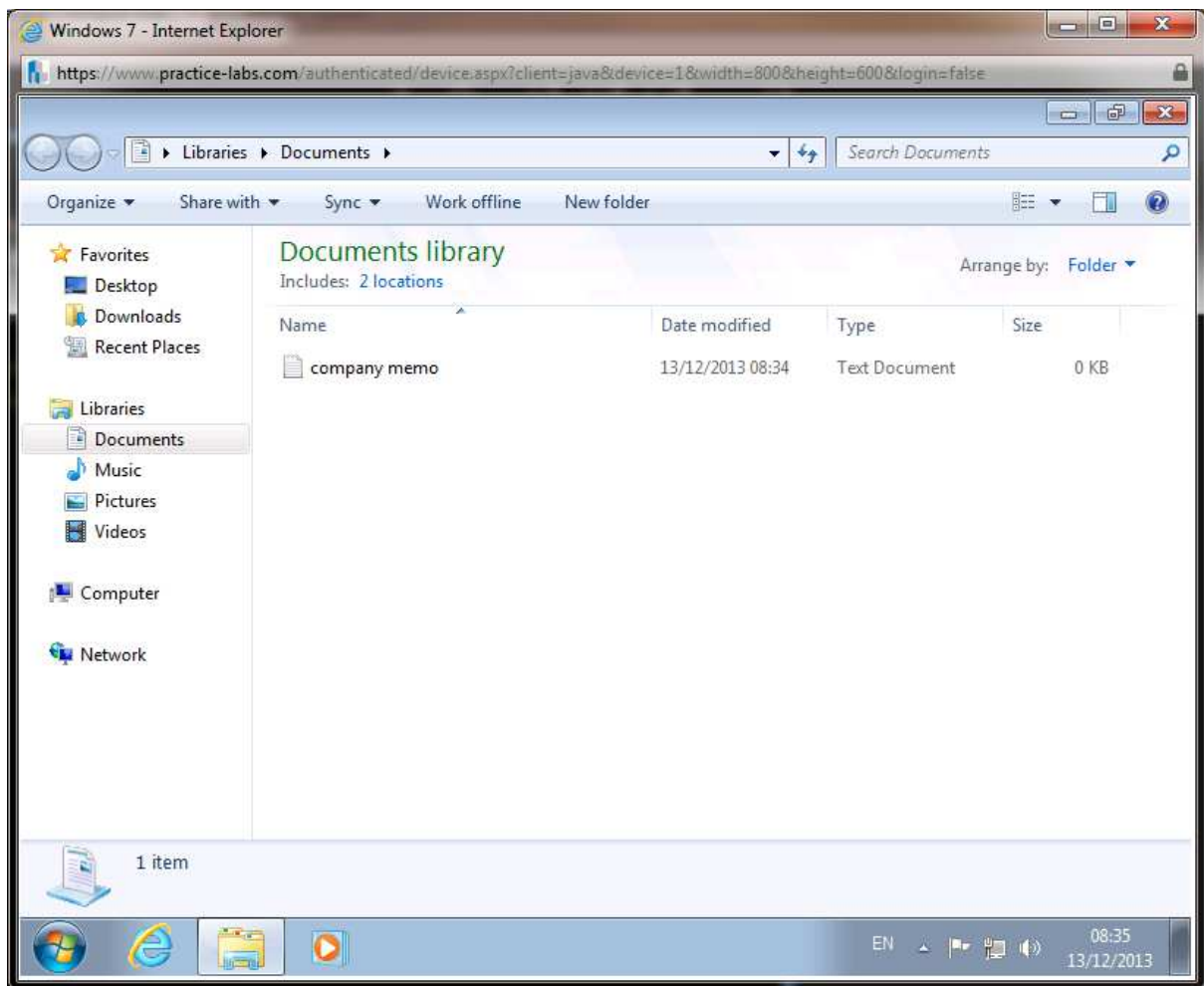
Step 5

Right-click on **Documents** details pane and choose **New > Text Document**.



Step 6

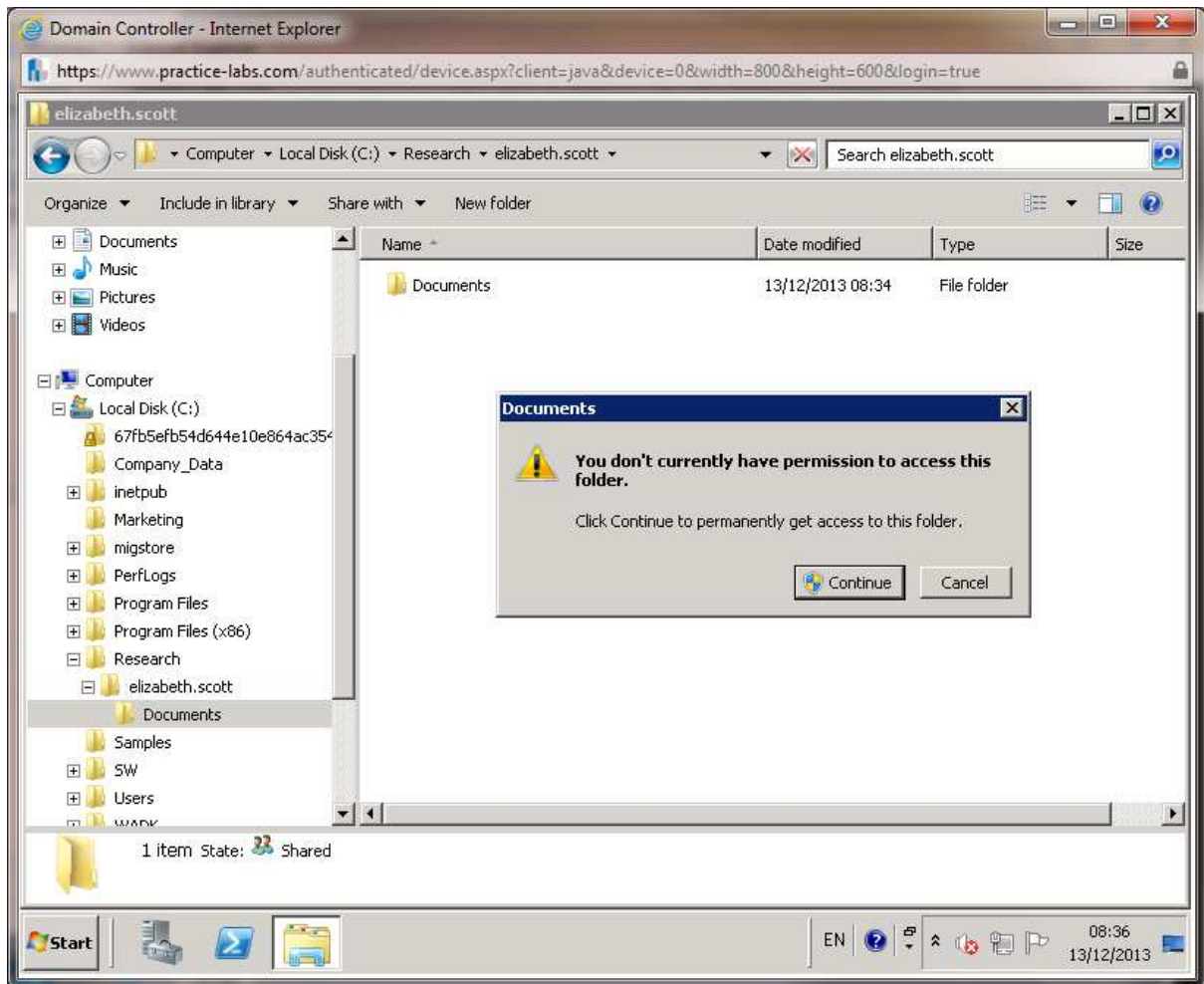
Name the text document as **company memo**.



Step 7

Switch over to **PLABDC01**. Launch **Windows Explorer** and go to **c:\Research > elizabeth.scott > Documents**.

You will get an error because of permission settings. The administrator can override this by resetting permissions on the Documents folder.



Shut down PLABDC01, PLABWIN801 and PLABWIN701 virtual machine devices to revert them to their default settings. Power all of these devices back on and continue with the next exercise.

Exercise 5 – Implementing User Environment Virtualization (UE-V)

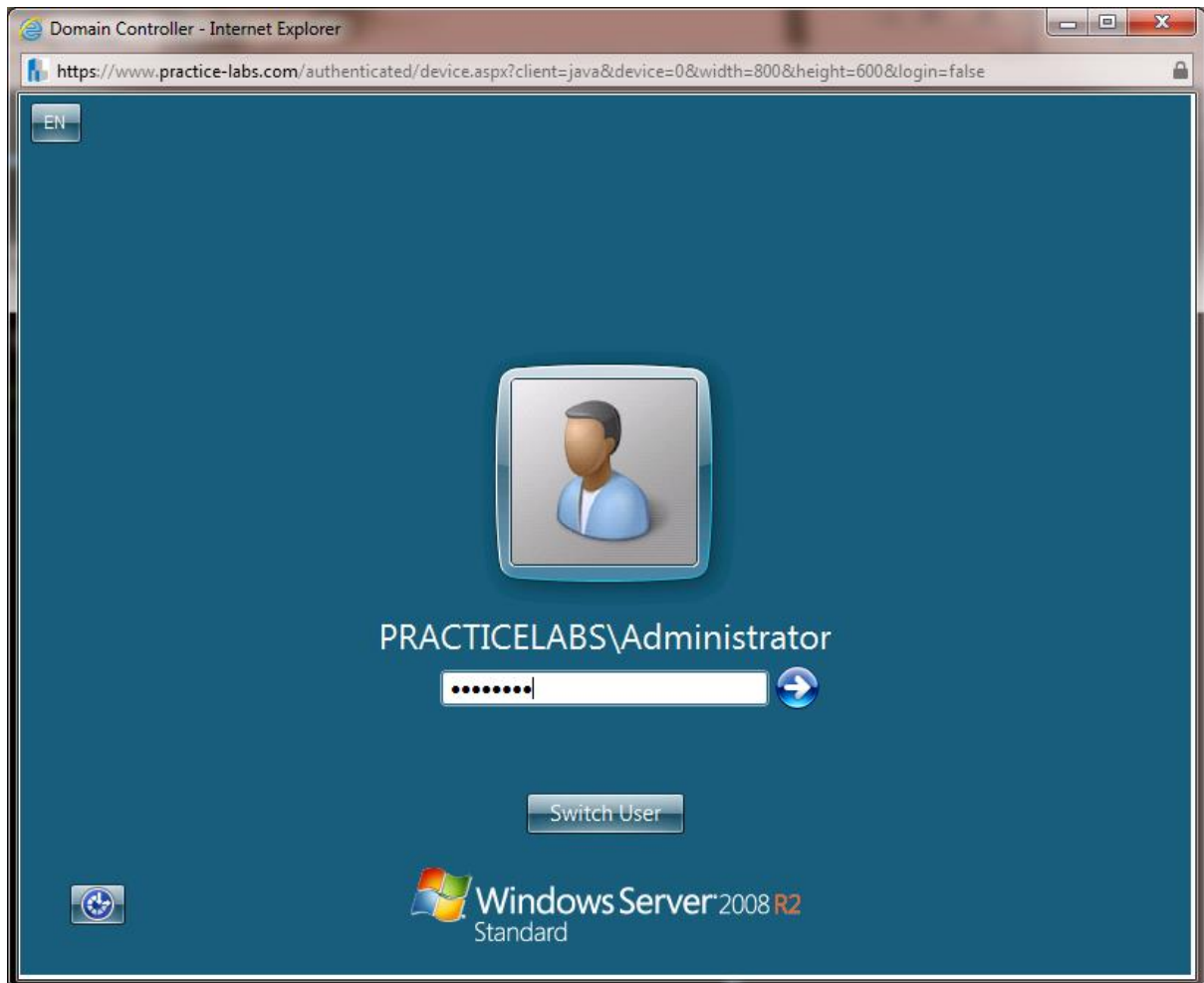
In this exercise, you will configure User Environment Virtualization which provides a consistent Windows desktop environment on a desktop, laptop and virtual desktop infrastructure (VDI) sessions.

Please refer to your course material or use your favourite search engine to research for more information about this topic.

Task 1: Setting up the environment for deploying UE-V

Step 1

Connect to **PLABDC01** and sign on as **practicelabs\administrator**, password is **Passw0rd**.



Step 2

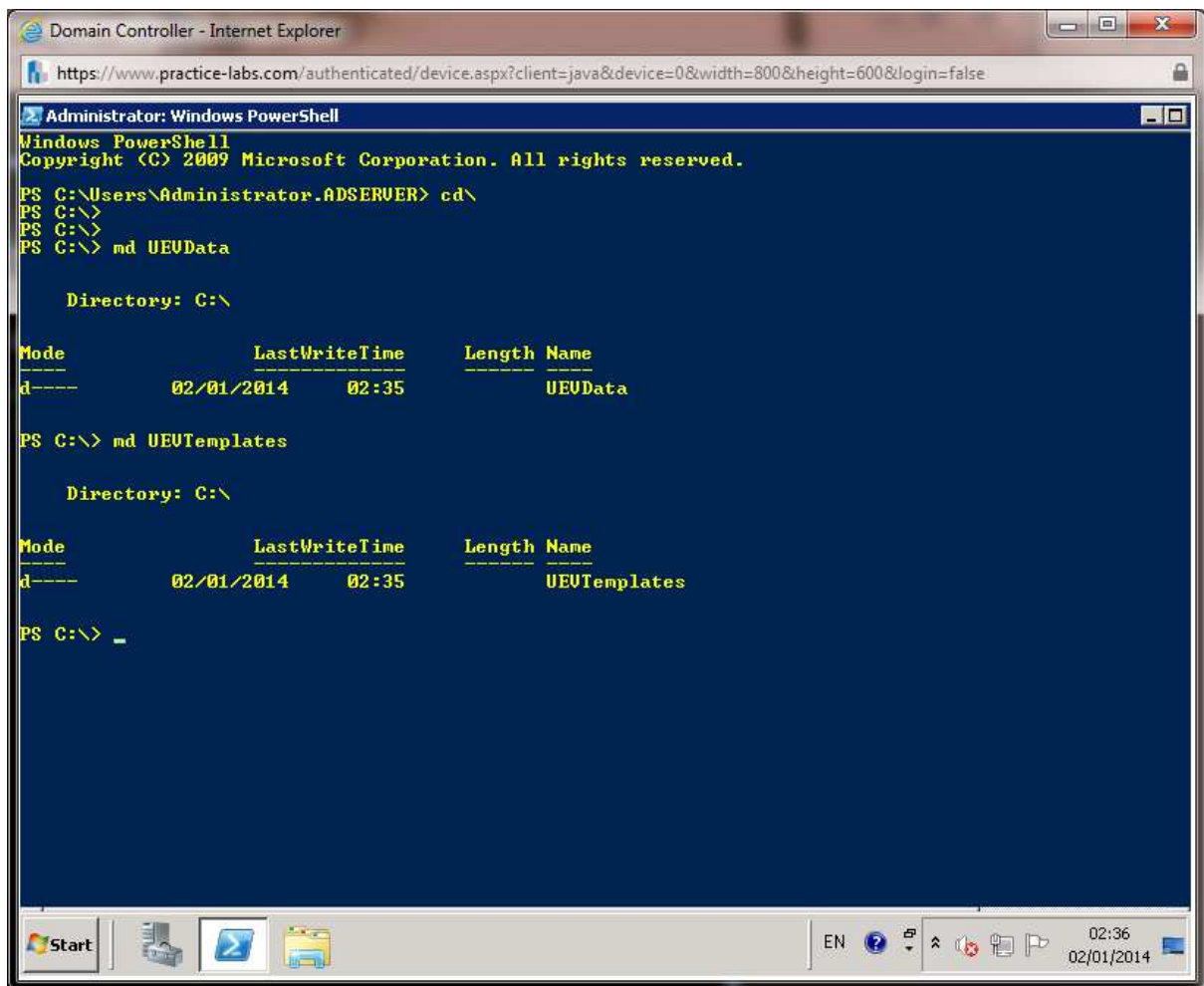
Click **Windows PowerShell** on taskbar. Type the following commands:

```
Cd\
```

```
Md UEVData
```

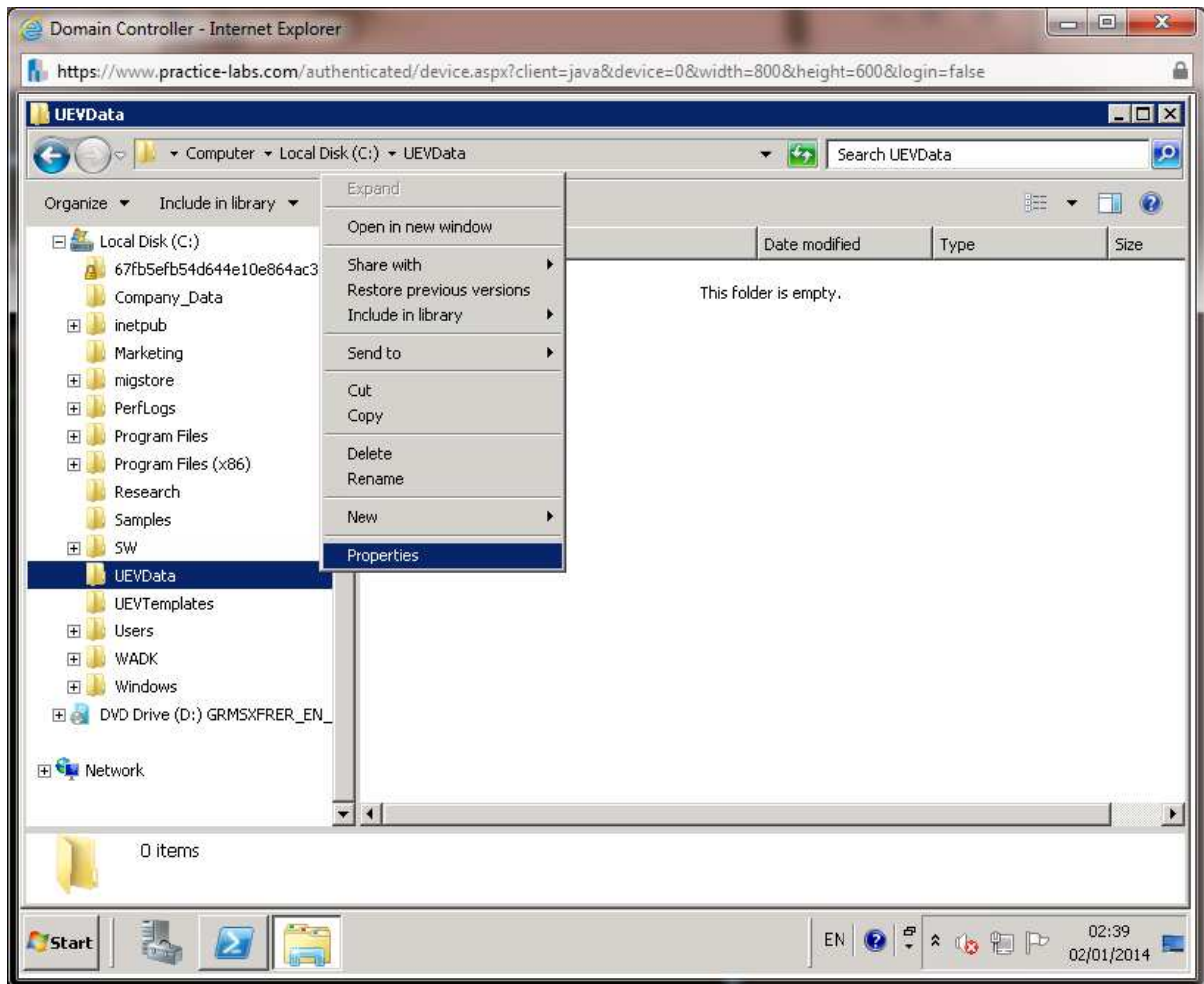
```
Md UEVTemplates
```

Minimize PowerShell.



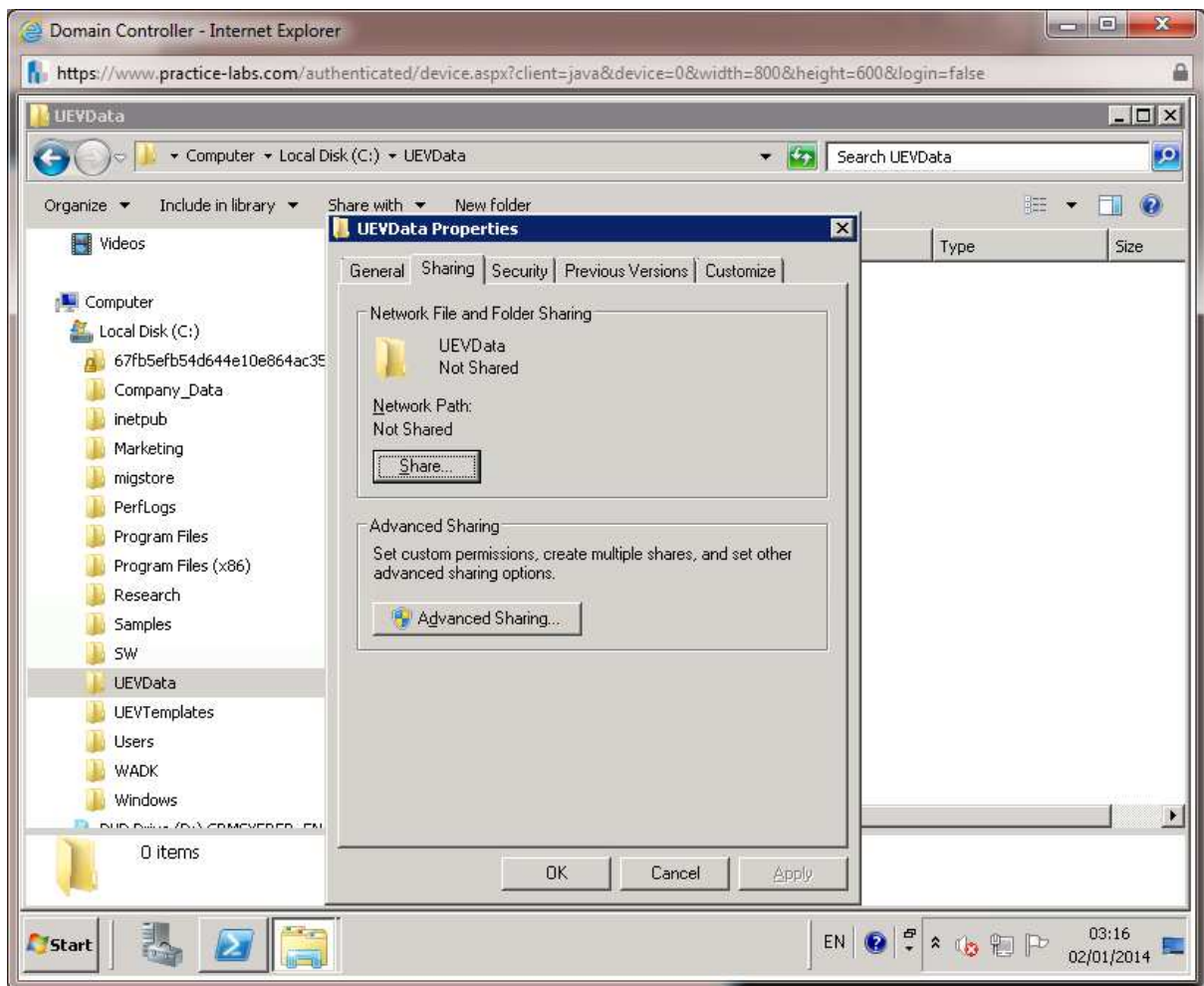
Step 3

Click **Windows Explorer** on taskbar. Go to Local Disk C and right-click on **UEVData** and choose **Properties**.



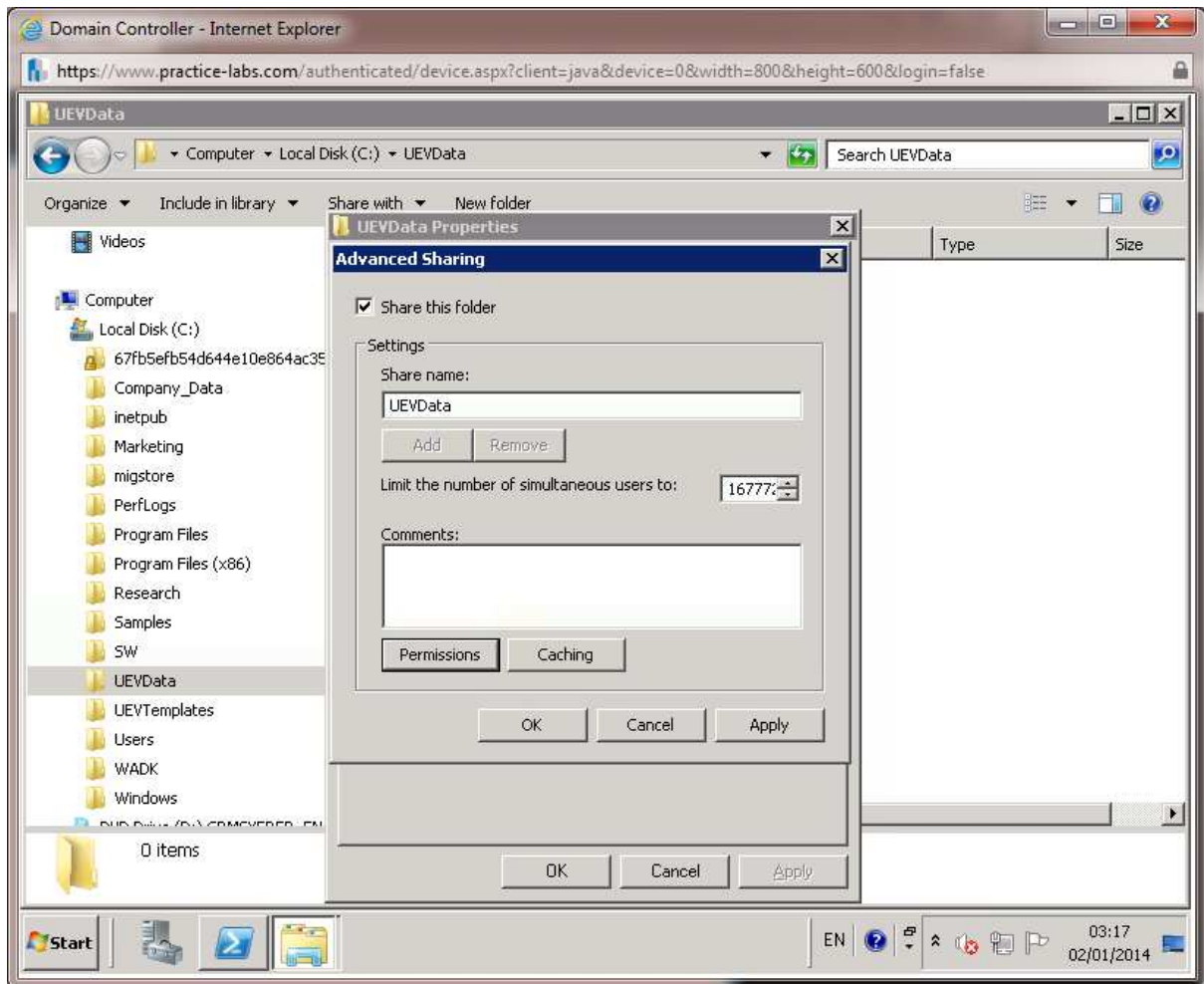
Step 4

From **UEVData Properties**, go to **Sharing** tab and click **Advanced Sharing...**



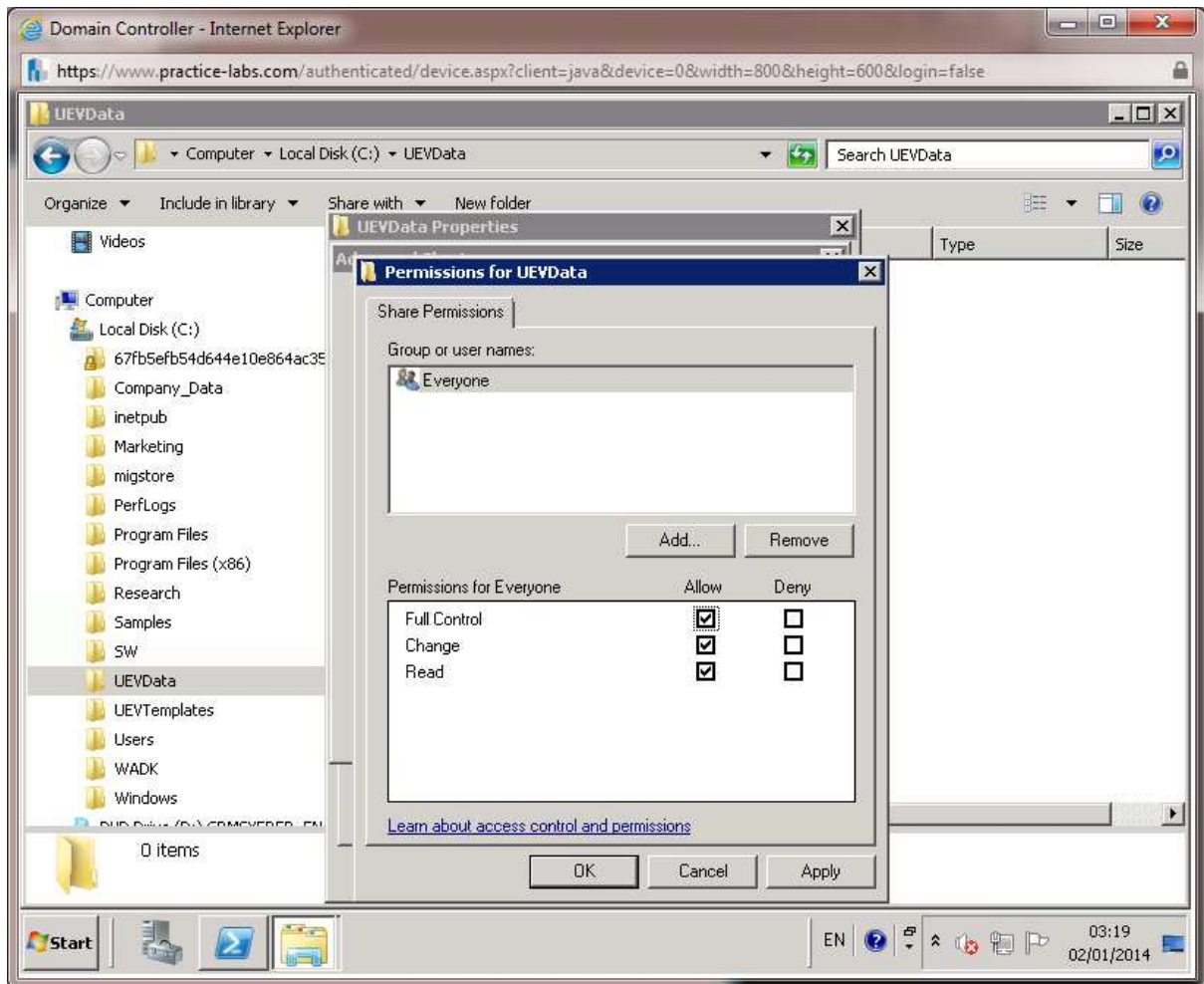
Step 5

On **Advanced Sharing**, click **Share this folder** box. Click **Permissions**.



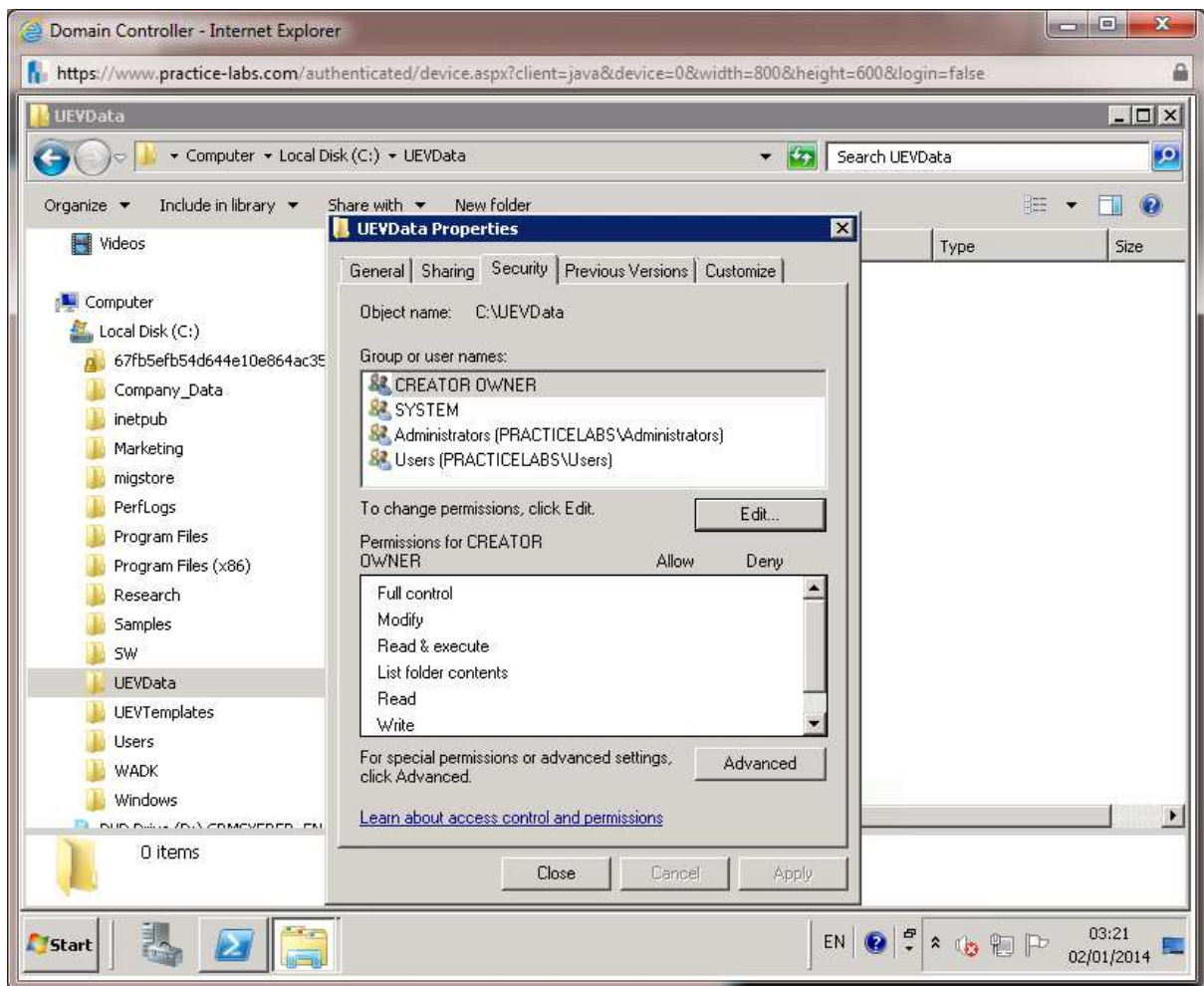
Step 6

On **Permissions for UEVData**, select **Allow – Full Control**. Click **OK** twice.



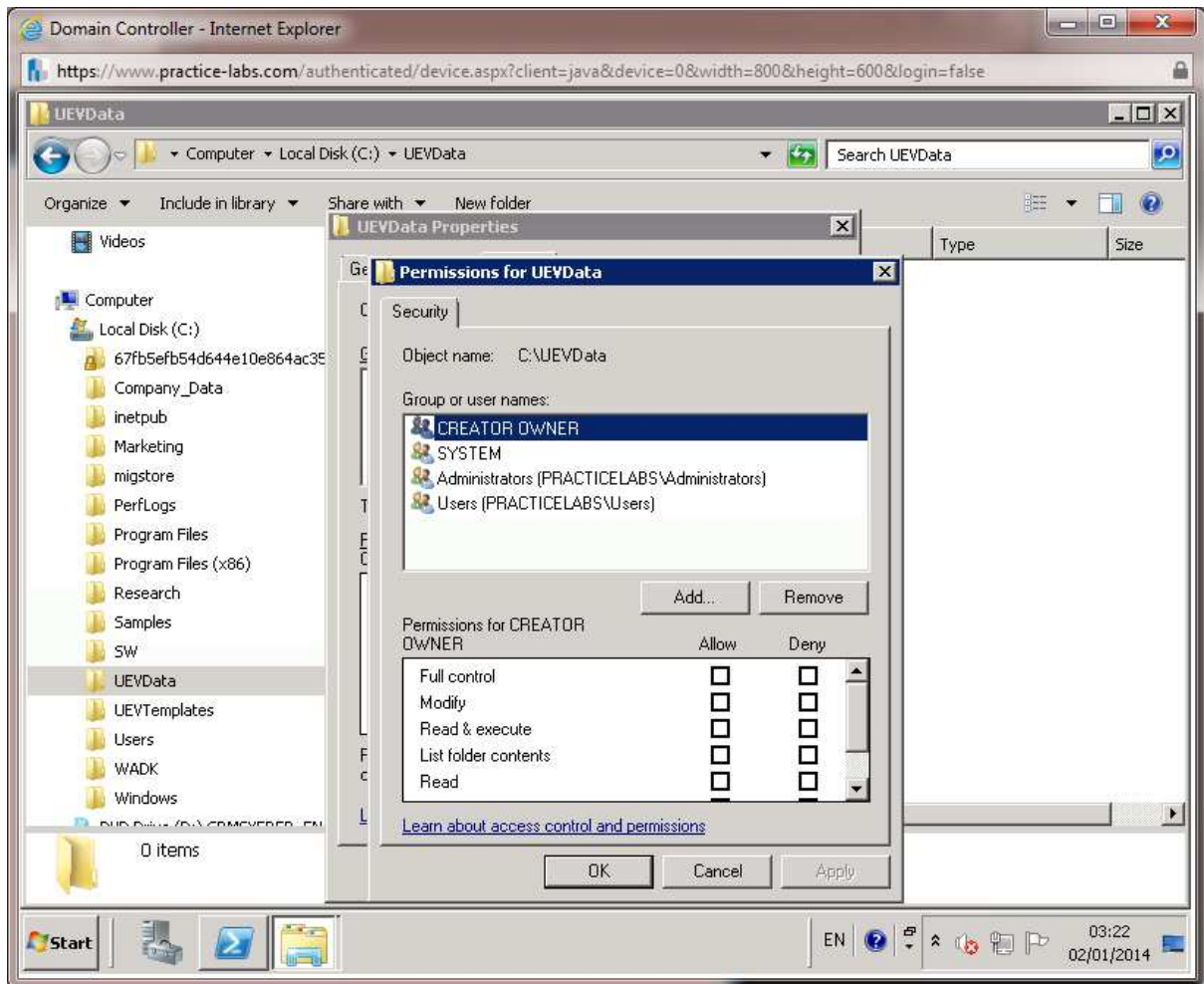
Step 7

On UEVData Properties, go to Security tab then click Edit...



Step 8

On Permissions for UEVData, click Add...

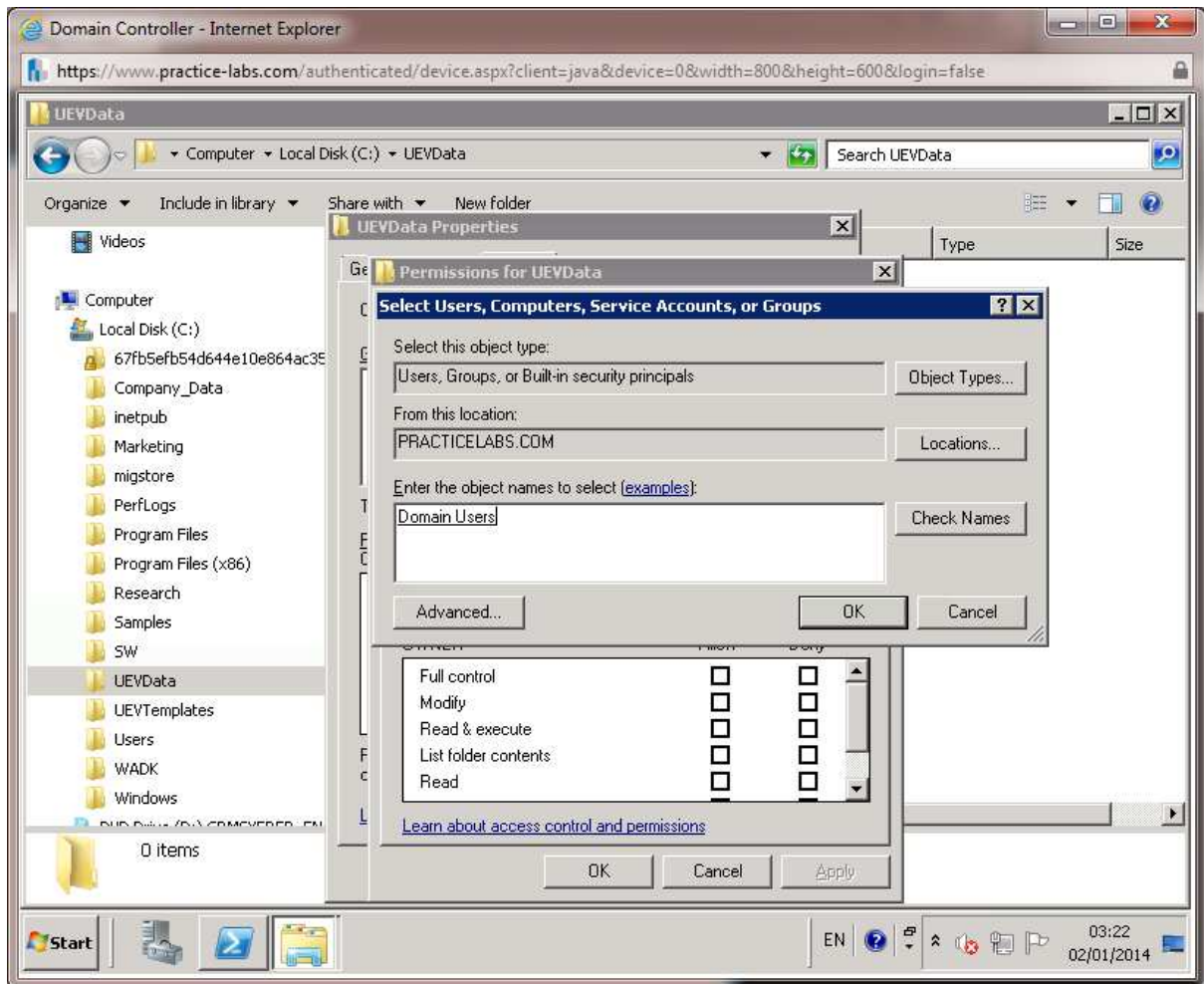


Step 9

On **Select Users, Computers, Service Accounts or Groups** click in the text box and type

Domain Users

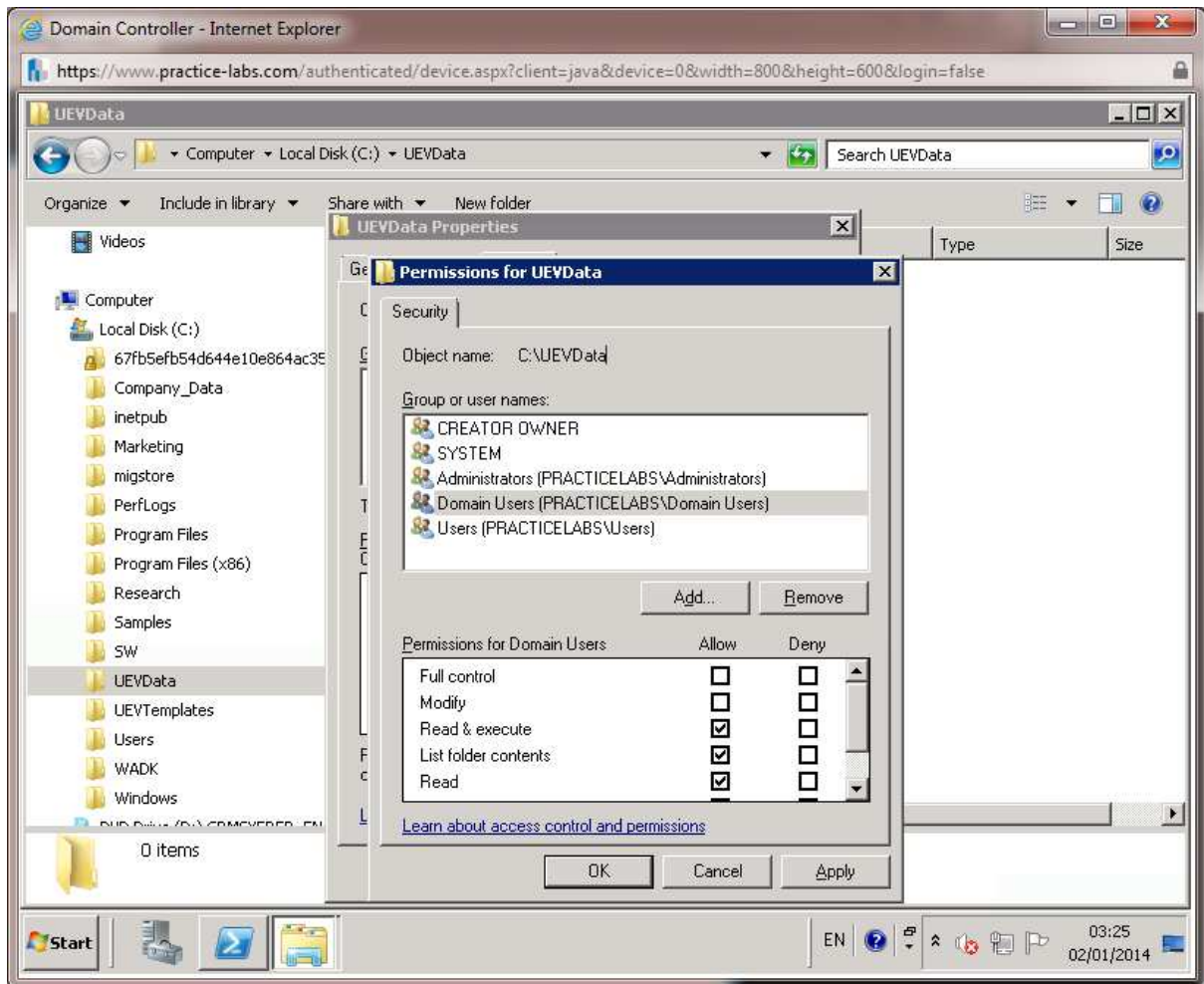
Click **Check Names** and then **OK**.



Step 10

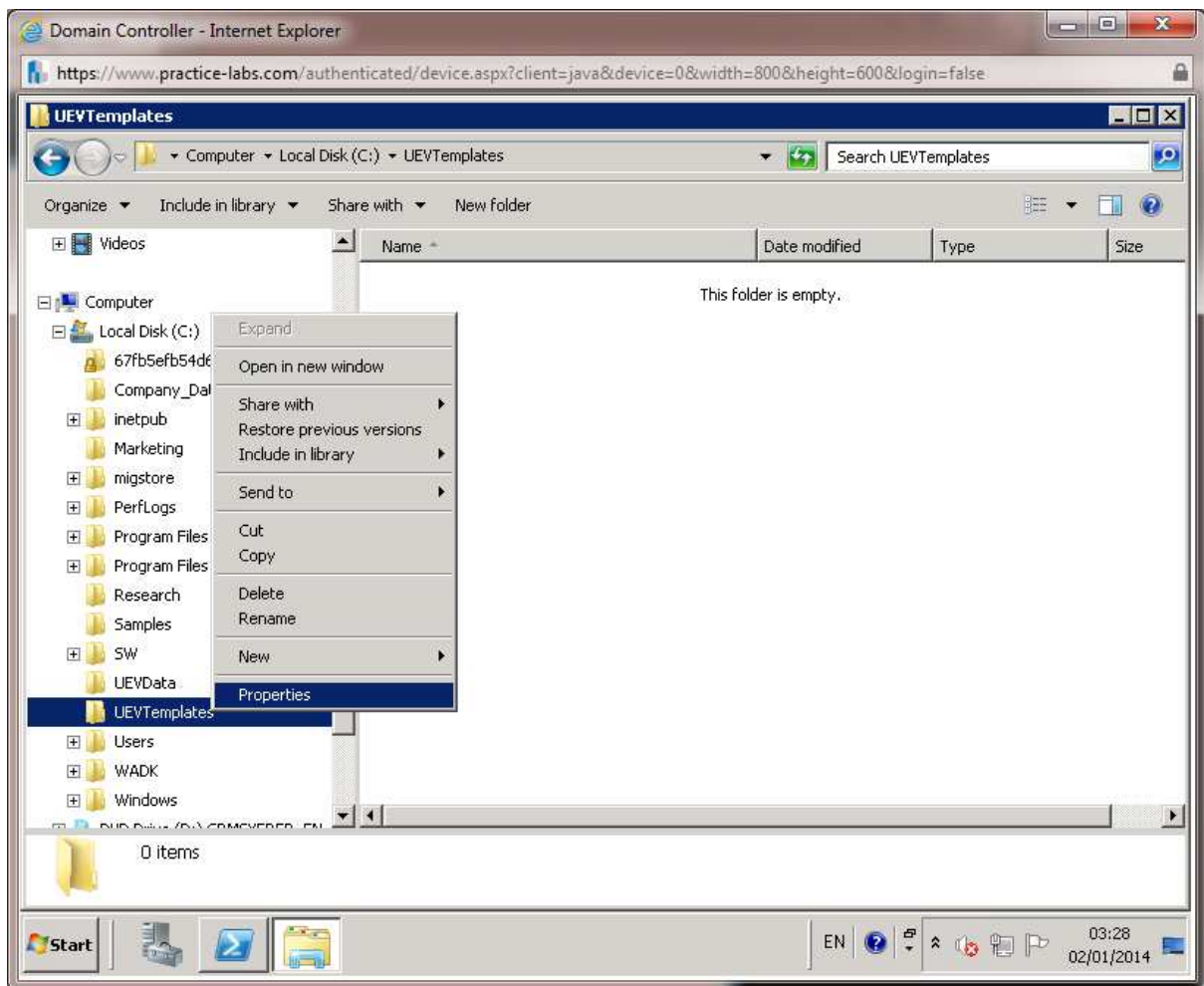
Back in **Permissions for UEVData** dialogue box, select **Domain Users** group and click **Allow – Full Control**.

Click **OK** and then **Close**.



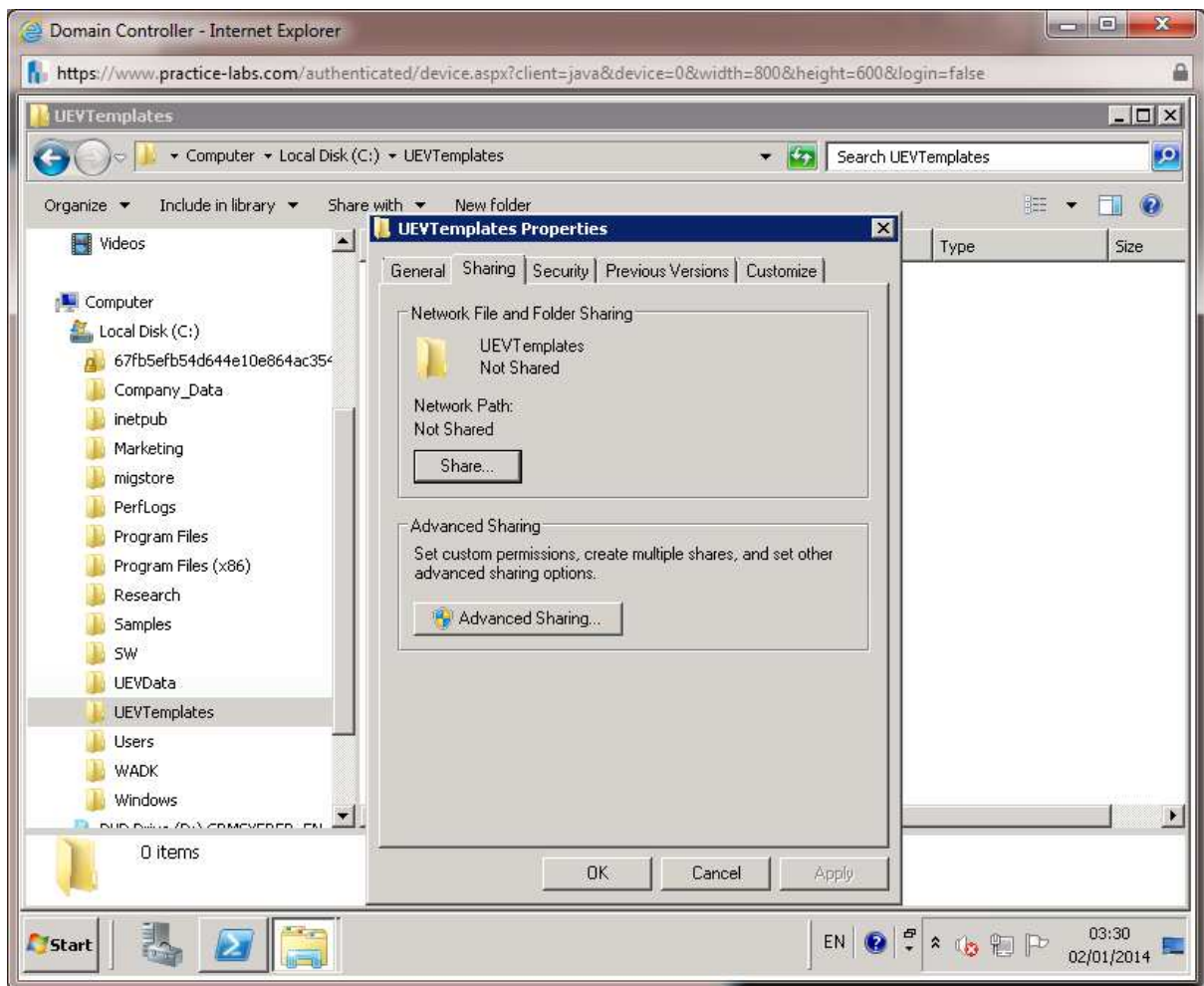
Step 11

Right-click on **UEVTemplates** and choose **Properties**.



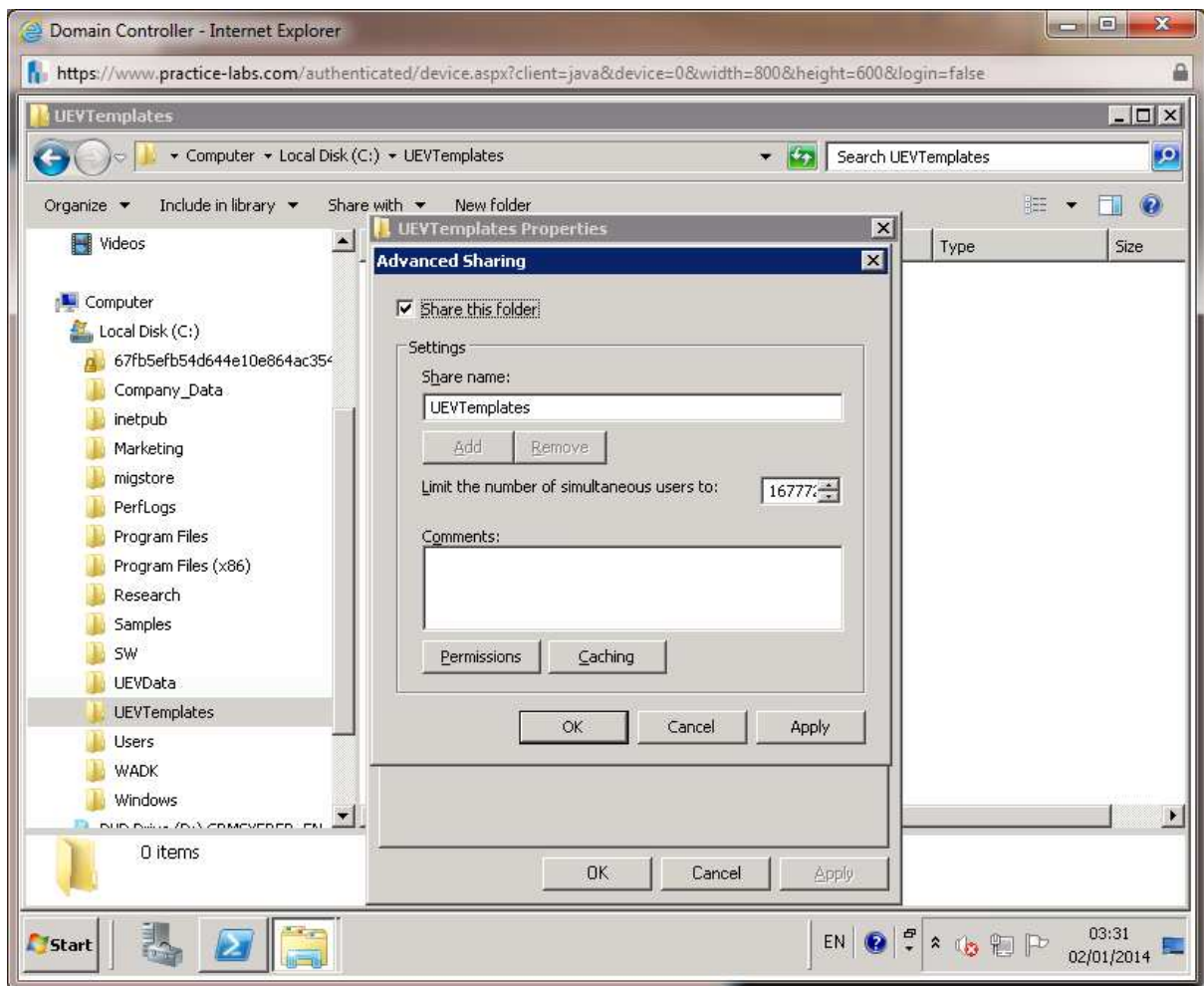
Step 12

On UEVTemplates Properties, click **Advanced Sharing...**



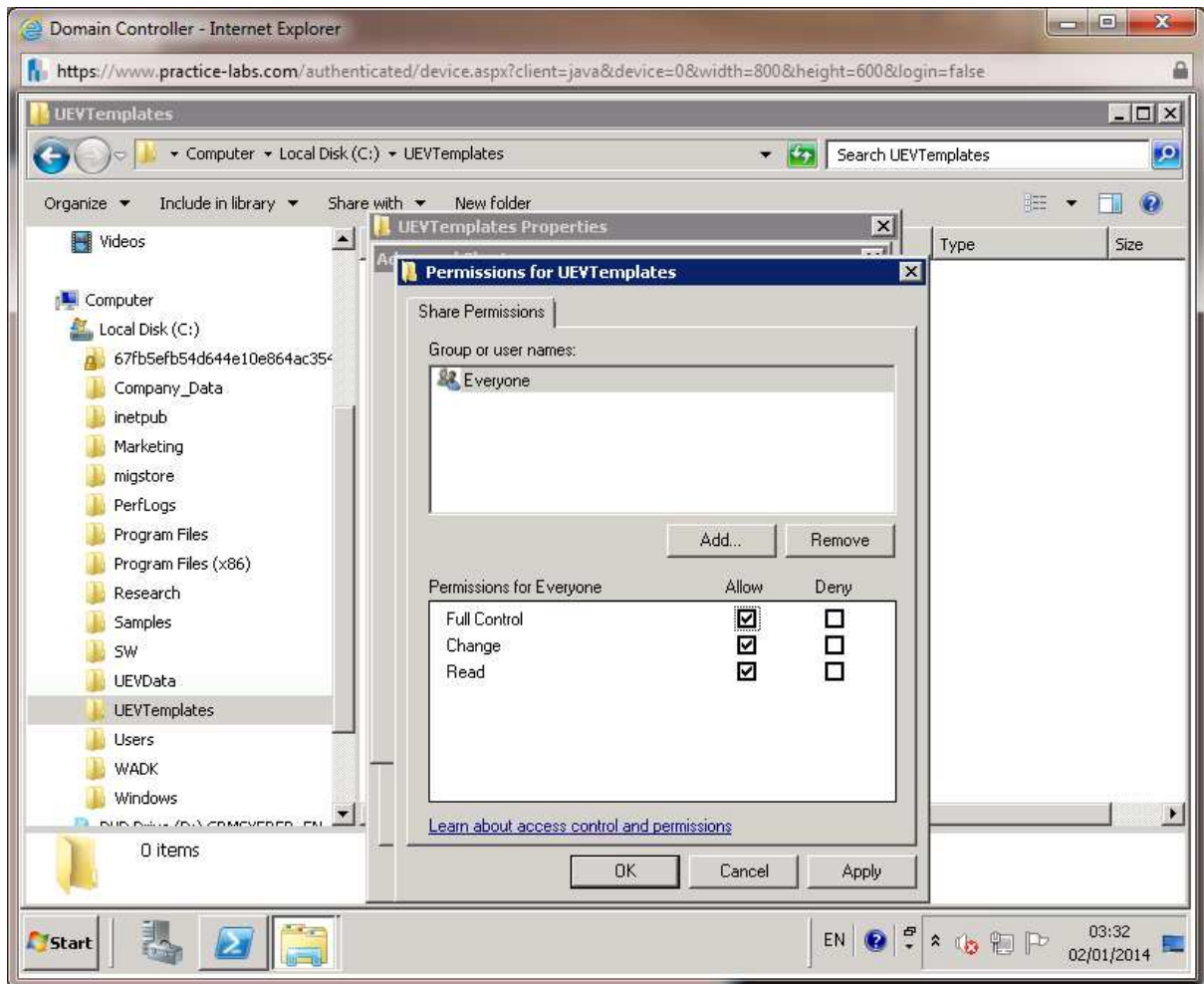
Step 13

From **Advanced Sharing**, click **Share this folder** box and then click **Permissions**.



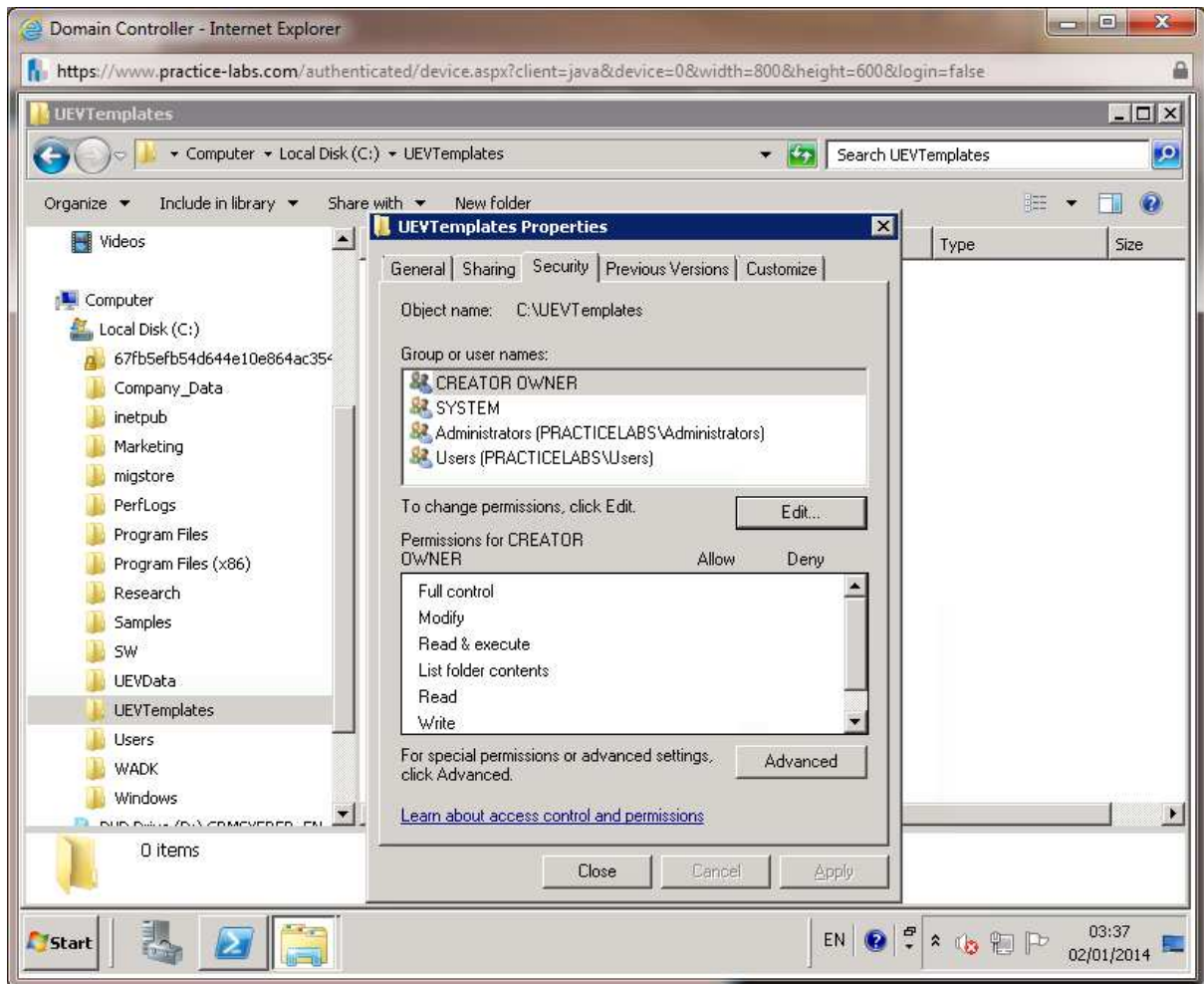
Step 14

On **Permissions for UEVTemplates**, select **Everyone** and click **Allow – Full Control**. Click **OK** twice.



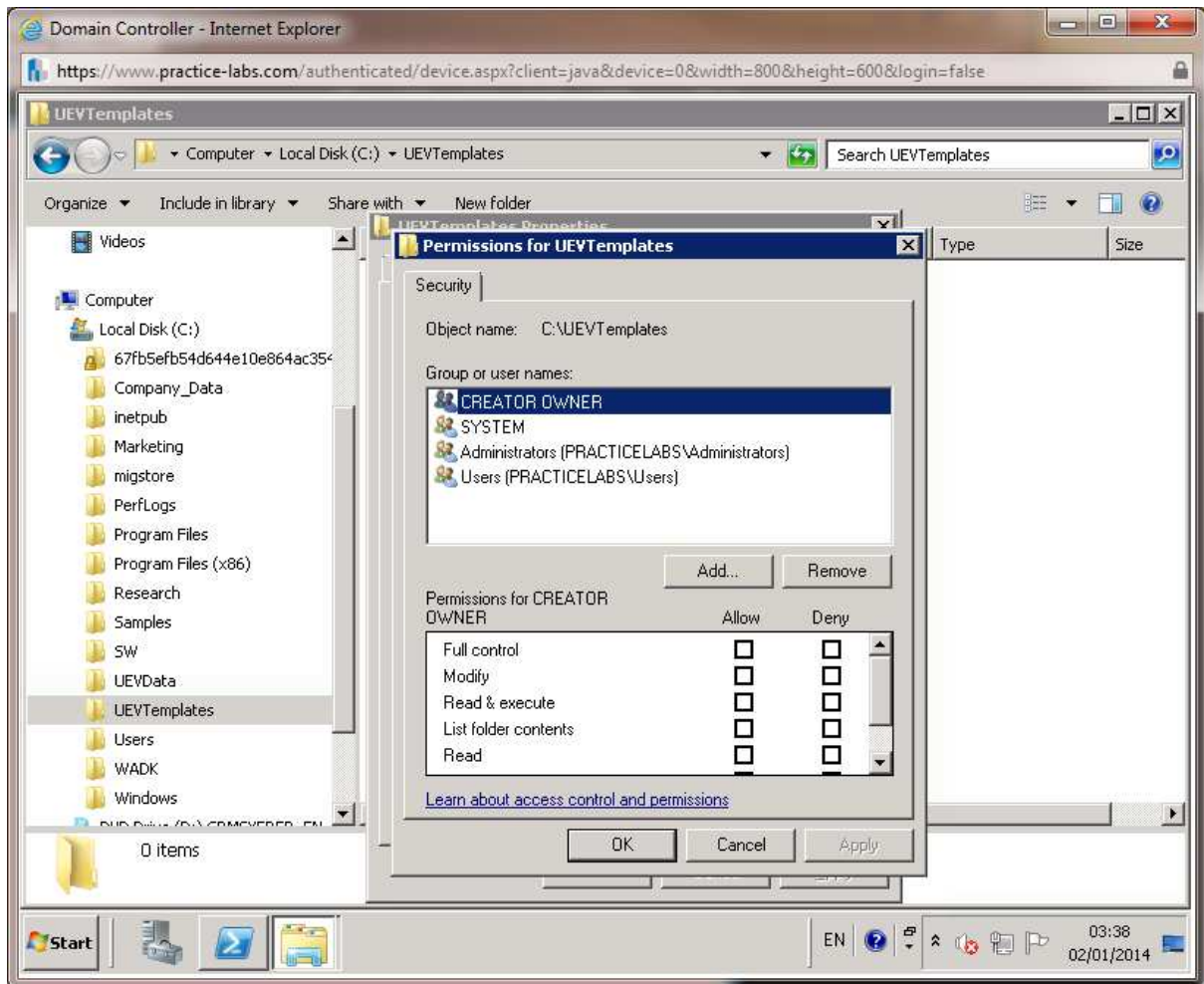
Step 15

Back in **UEVTemplates Properties**, click **Security** tab. Click **Edit...**



Step 16

On Permissions for UEVTemplates, click Add...

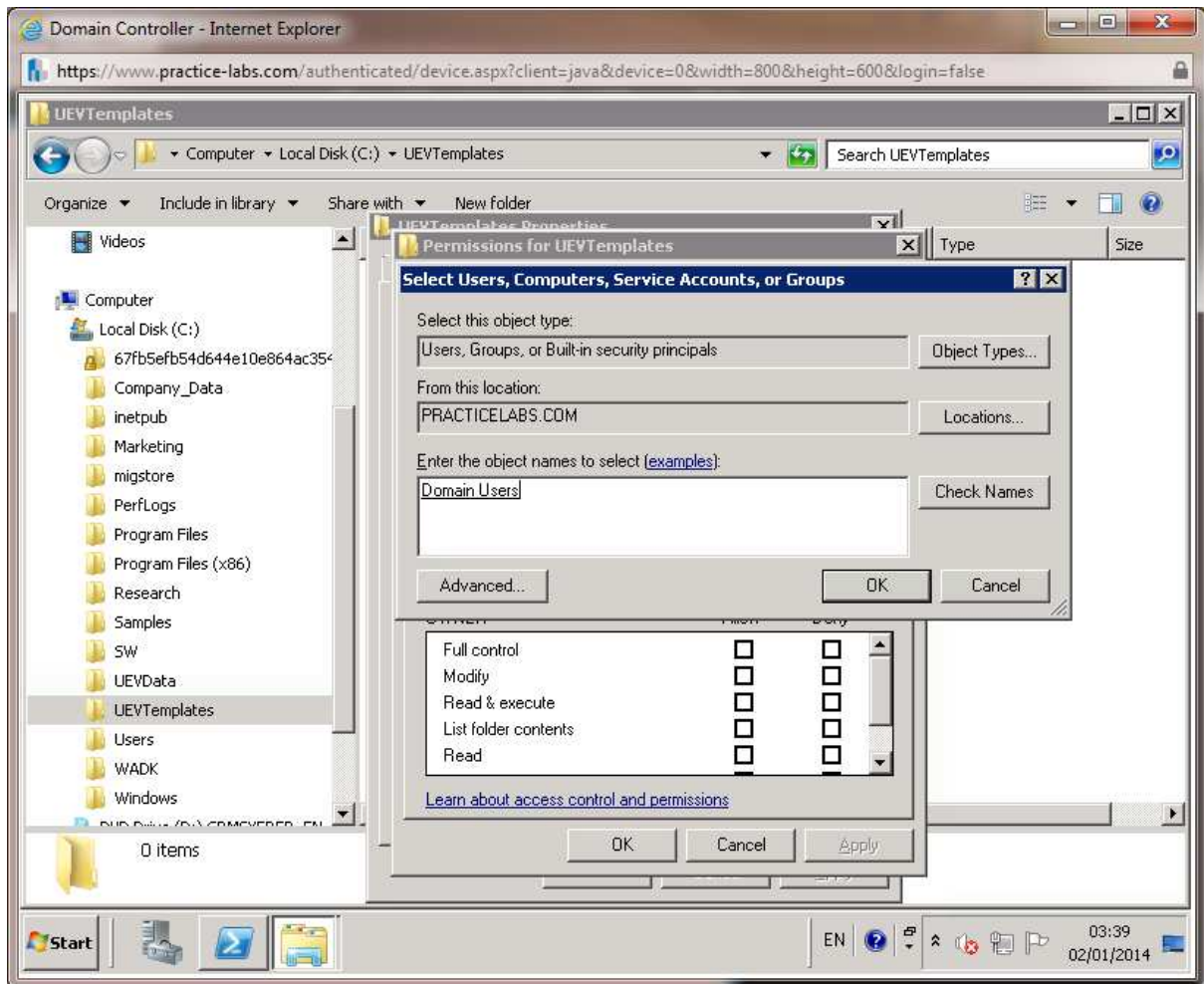


Step 17

On **Select Users, Computers, Service Accounts or Groups** box, type

Domain users

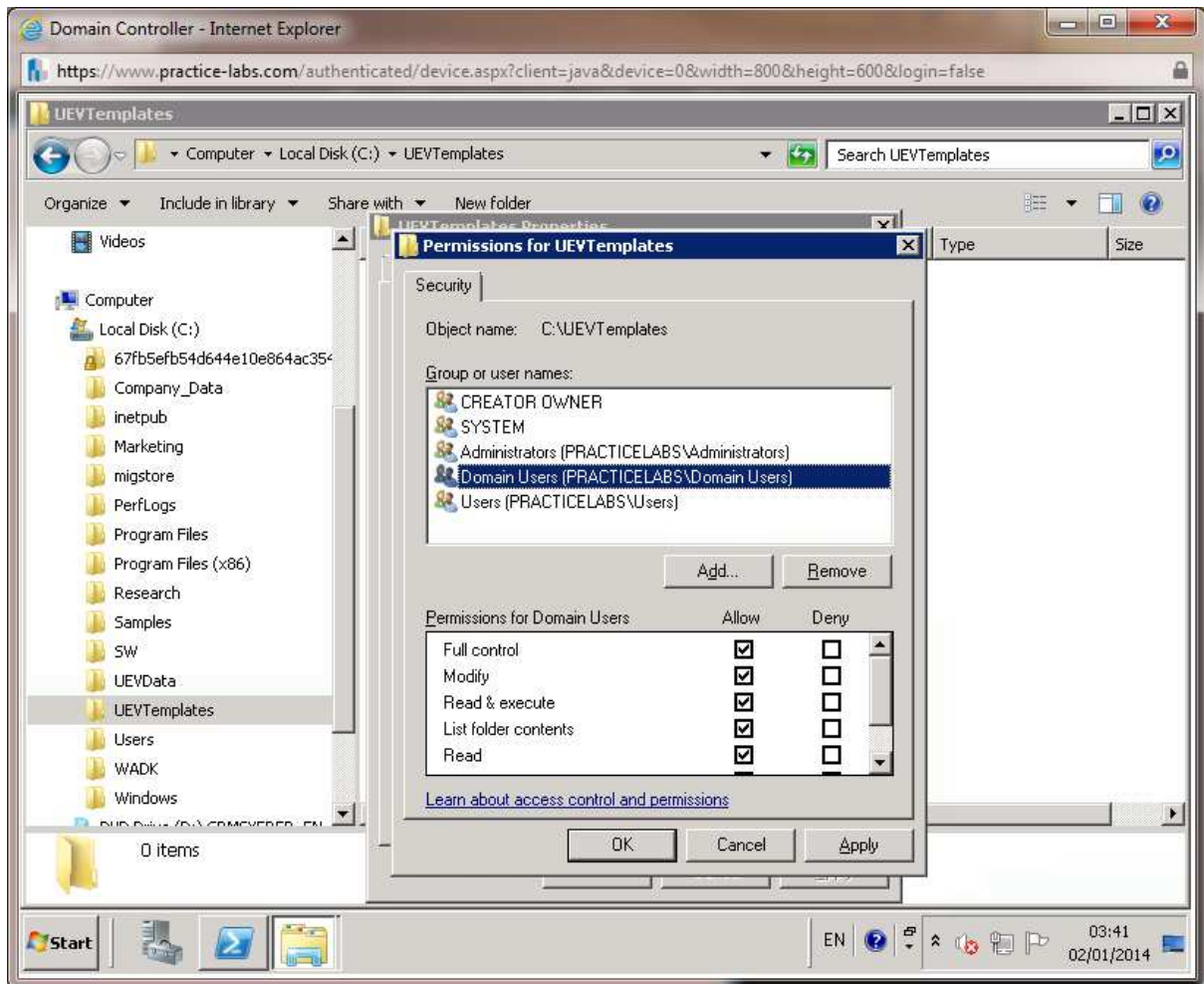
Click **Check Names** and then click **OK**.



Step 18

Back in **Permissions for UEVTemplates**, select **Domain Users** and click **Allow – Full Control**. Click **OK** and then **Close**.

Exit from Windows Explorer.



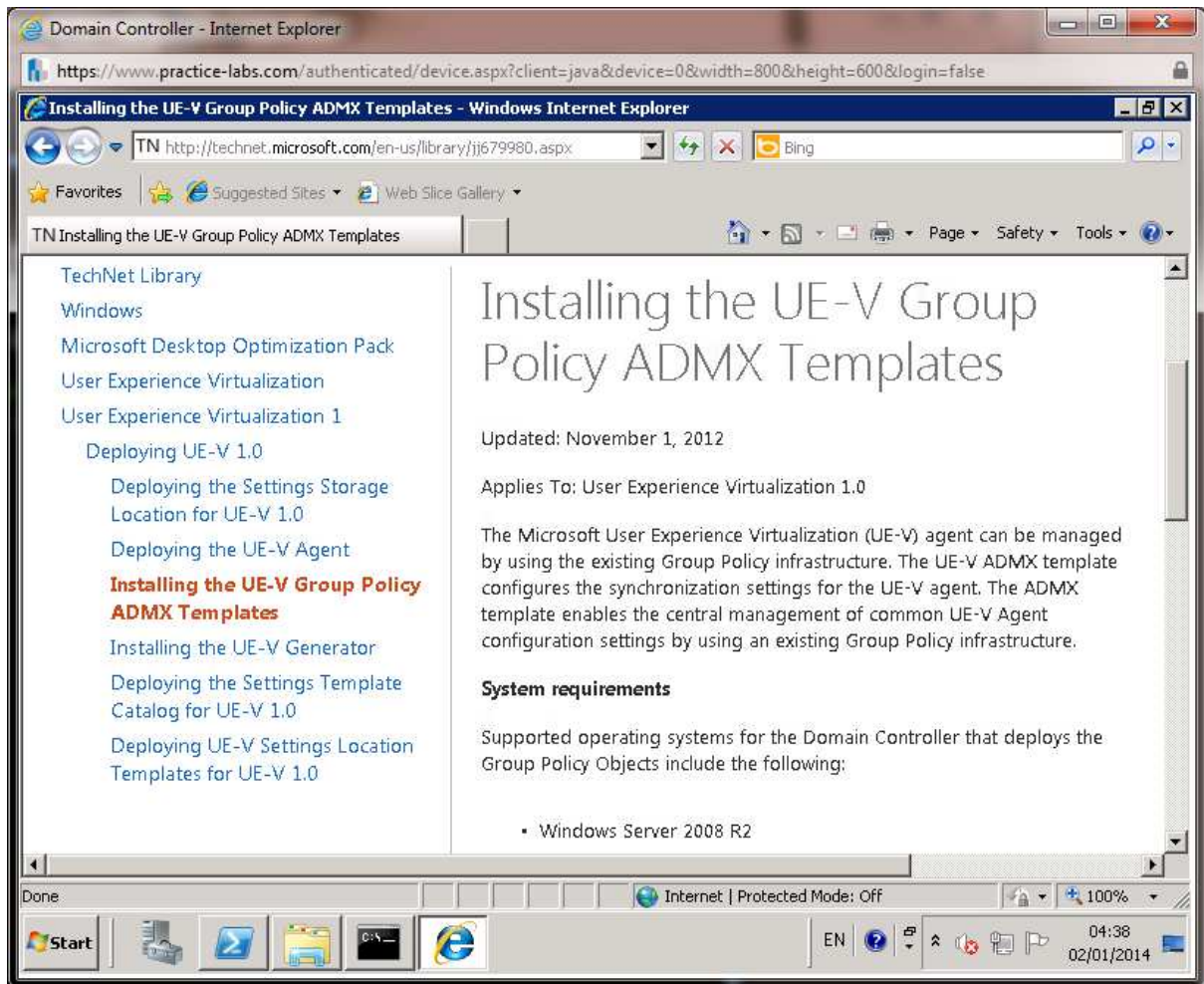
Task 2: Download and install UE-V admx templates

To be able to use the UE-V group policy settings, you need to download the GPO templates.

Step 1

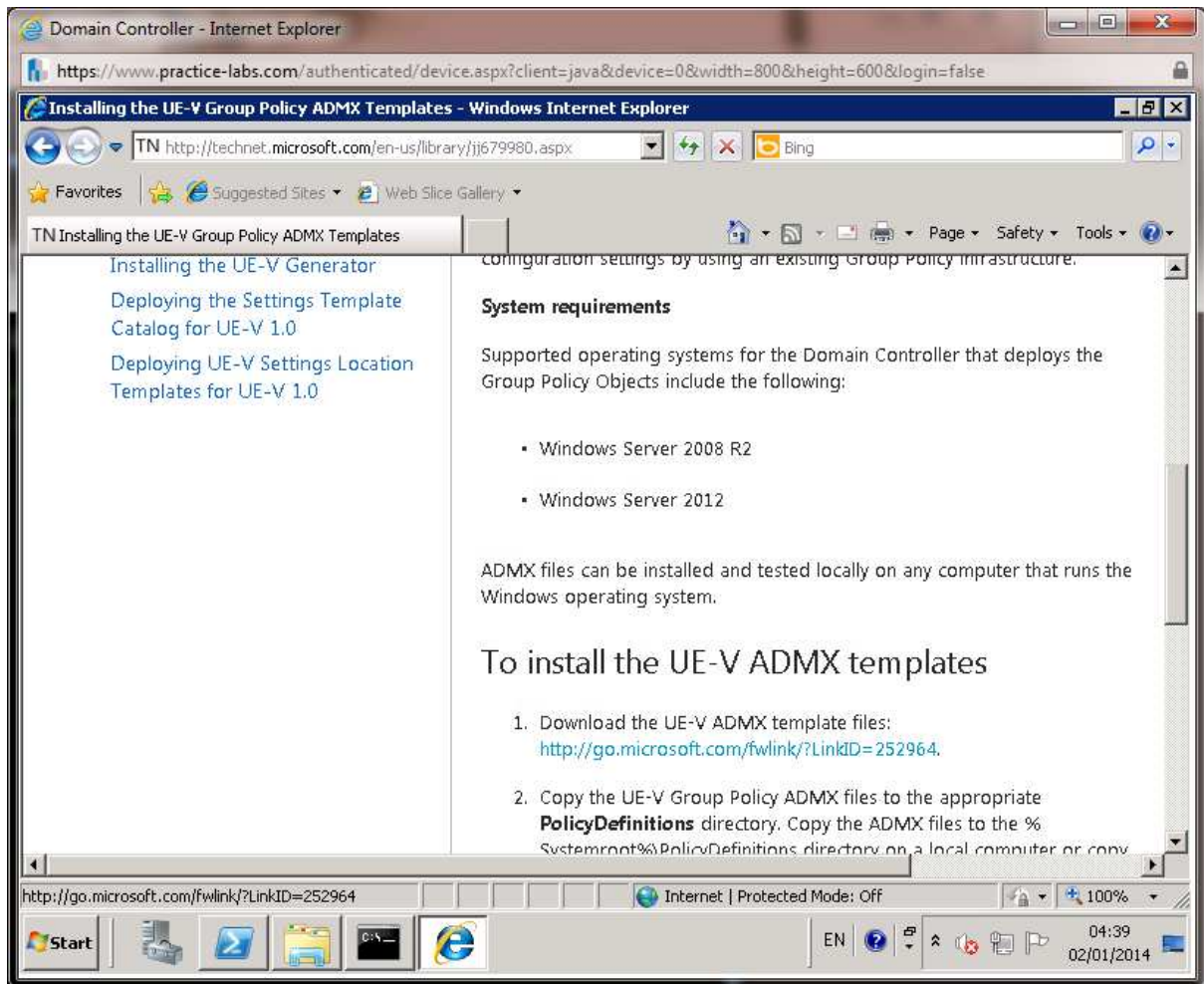
From **PLABDC01**, open **Internet Explorer** and go to <http://technet.microsoft.com/en-us/library/jj679980.aspx>

Scroll down.



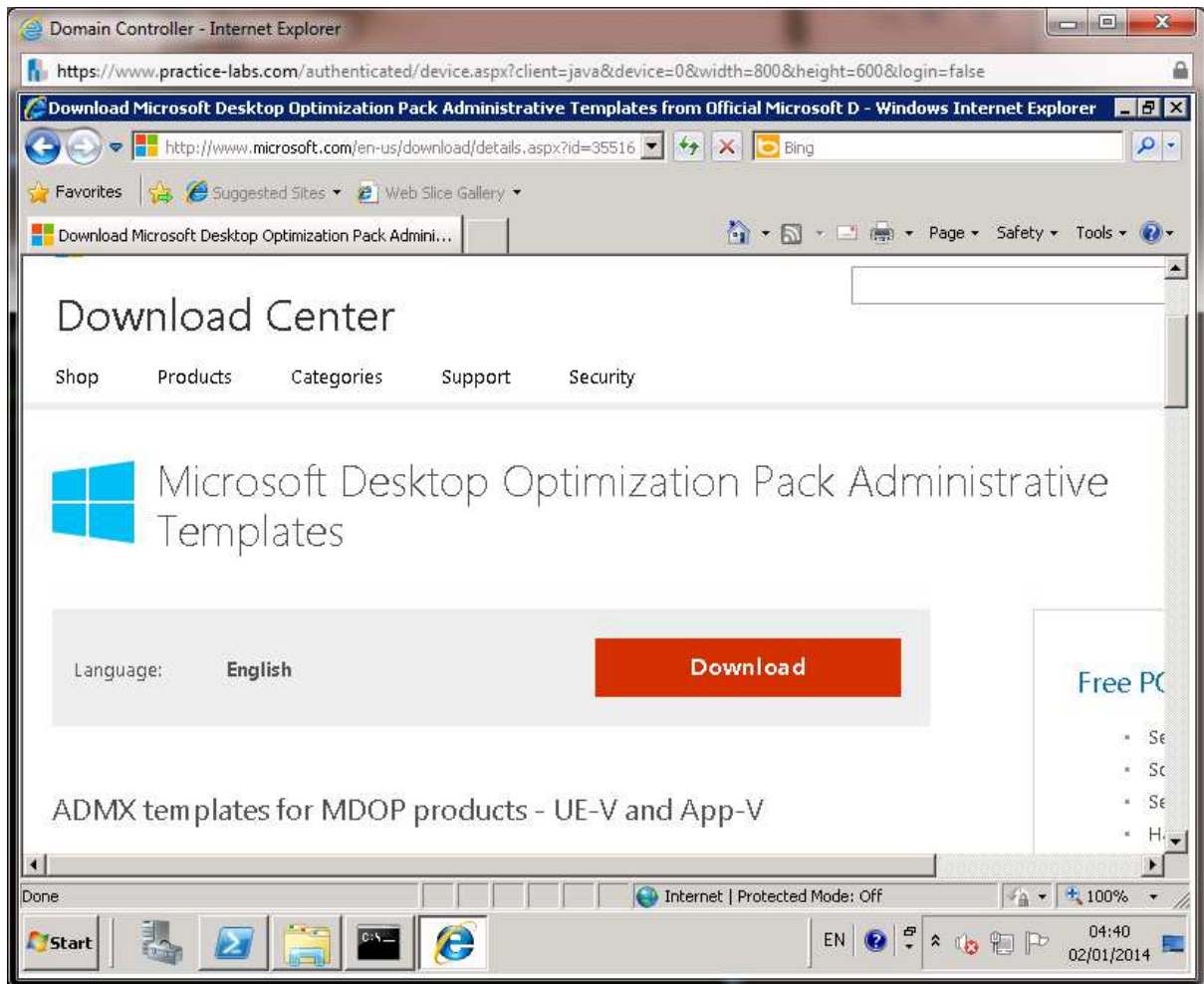
Step 2

Click the **download** link.



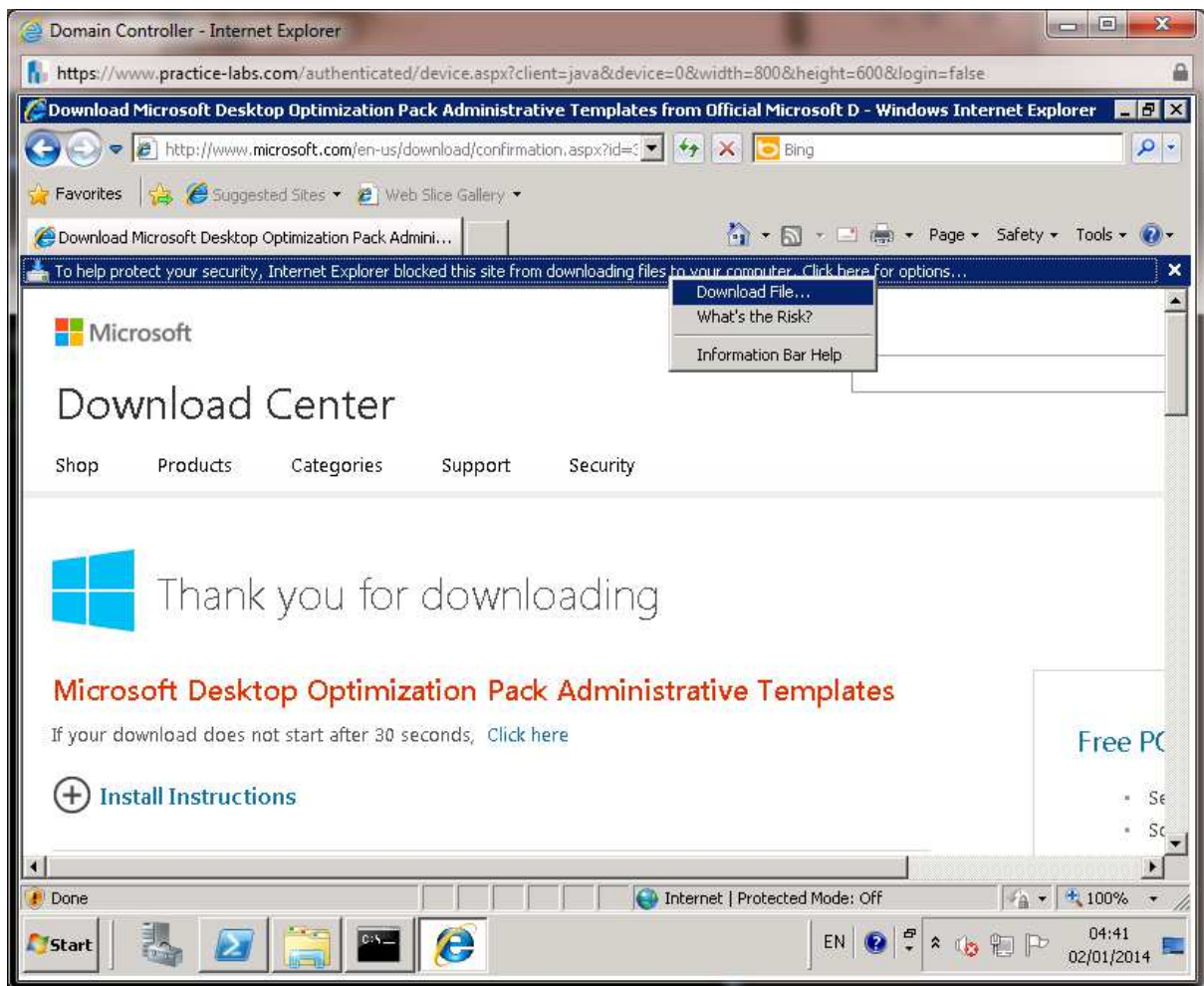
Step 3

From **Microsoft Desktop Optimization Pack Administrative Templates** page, click **Download**.



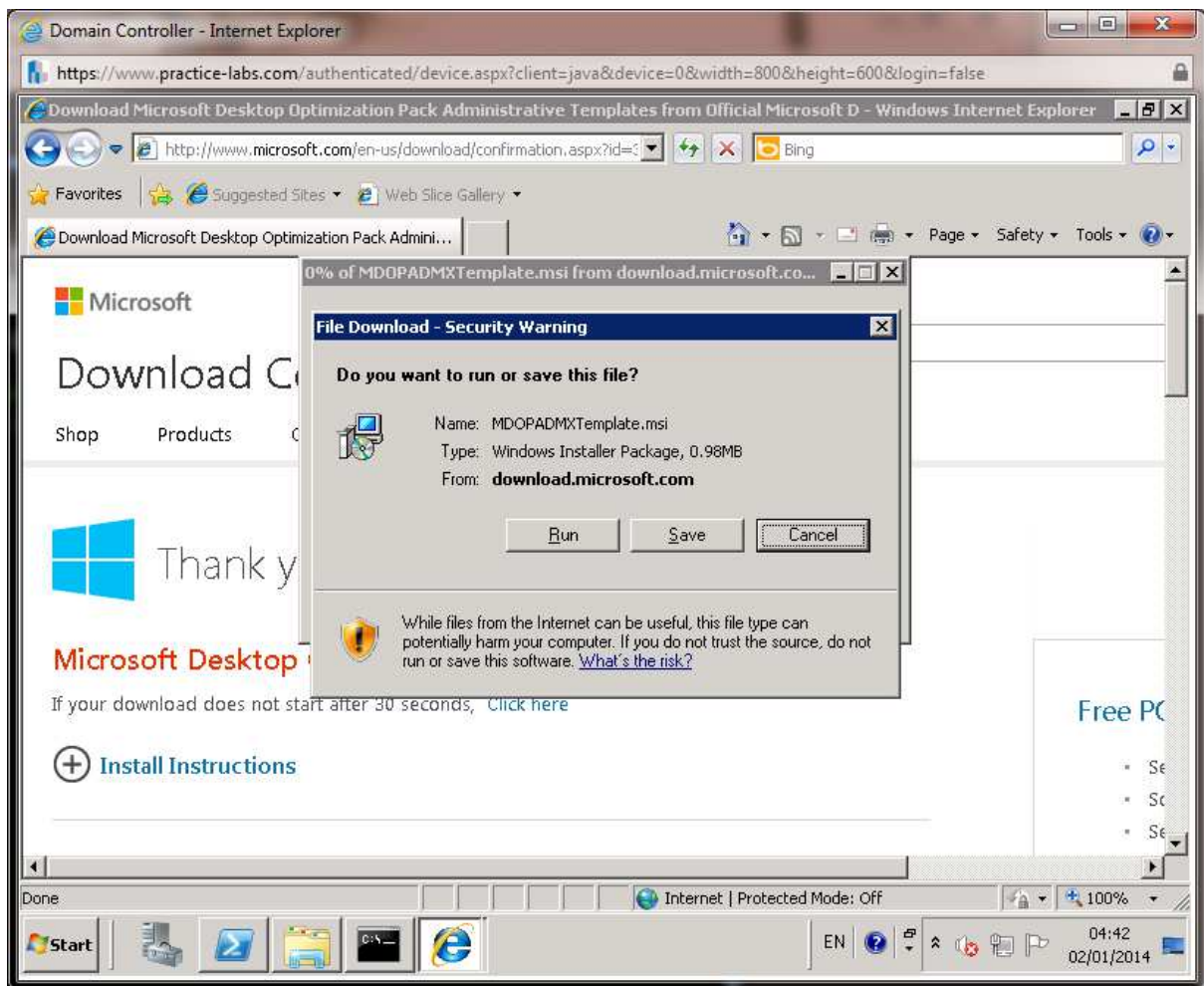
Step 4

Click the information bar and choose **Download File...**



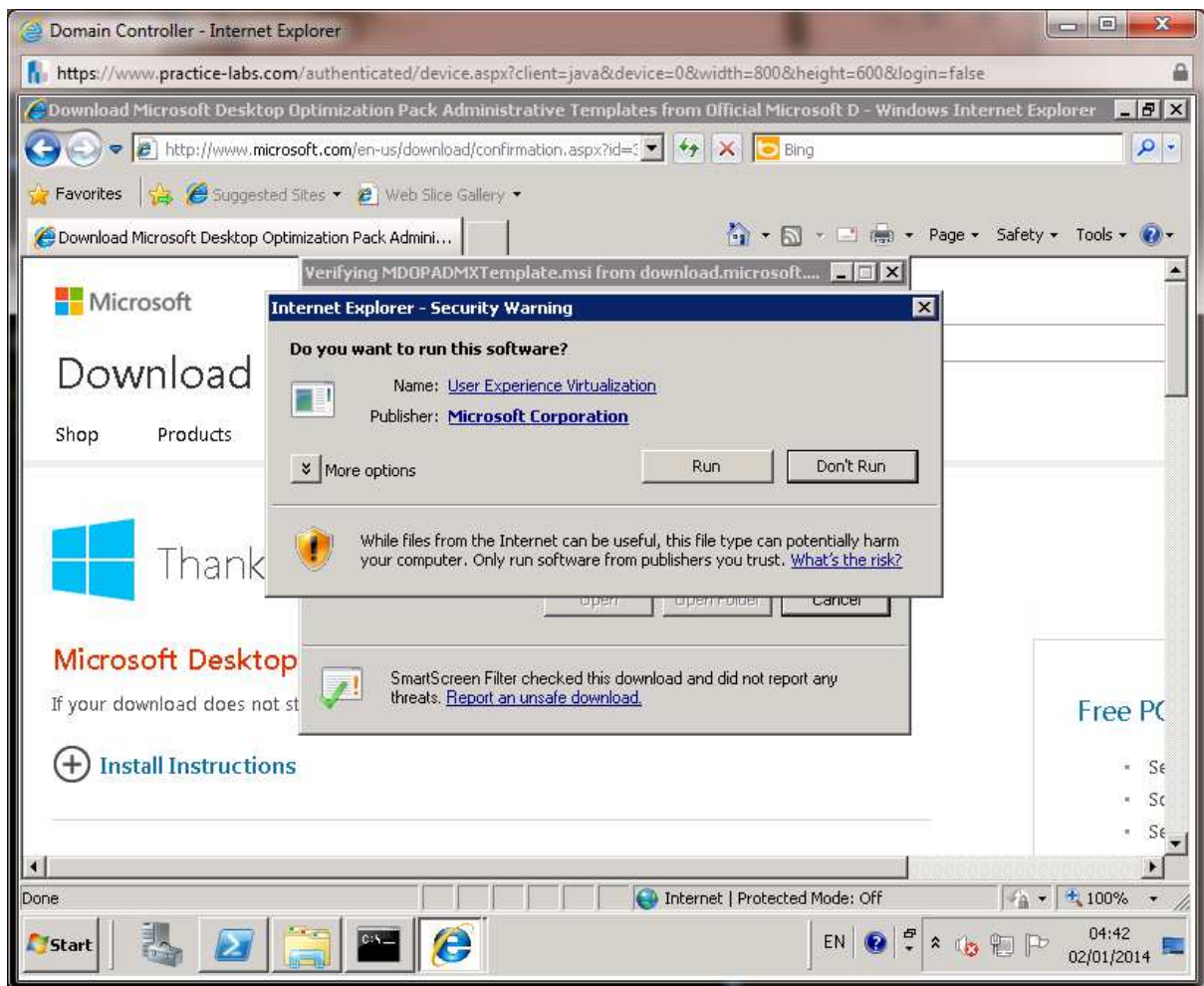
Step 5

When asked **Do you want to run or save this file?** Click **Run**.



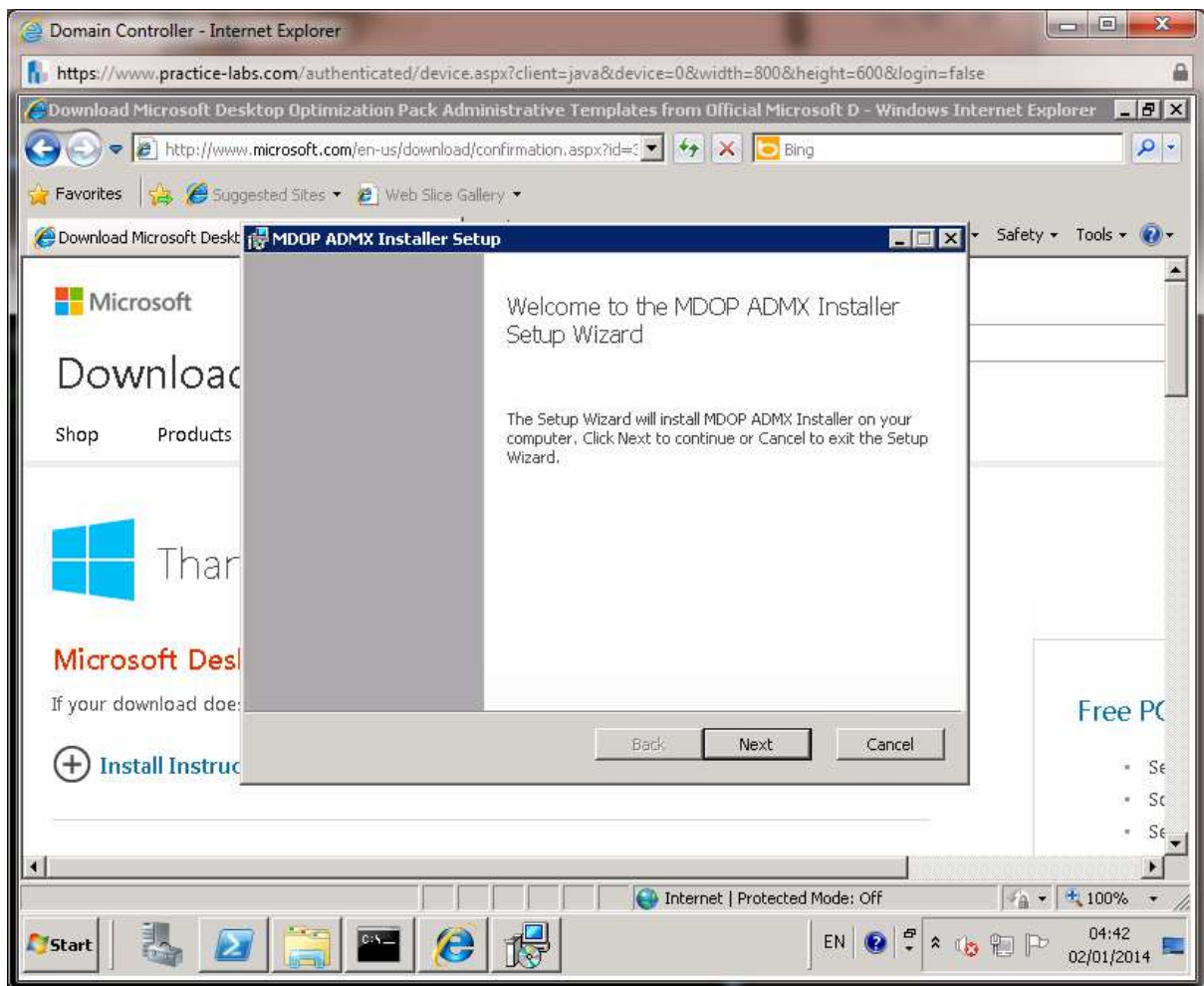
Step 6

From **Internet Explorer – Security Warning** page, click **Run**.



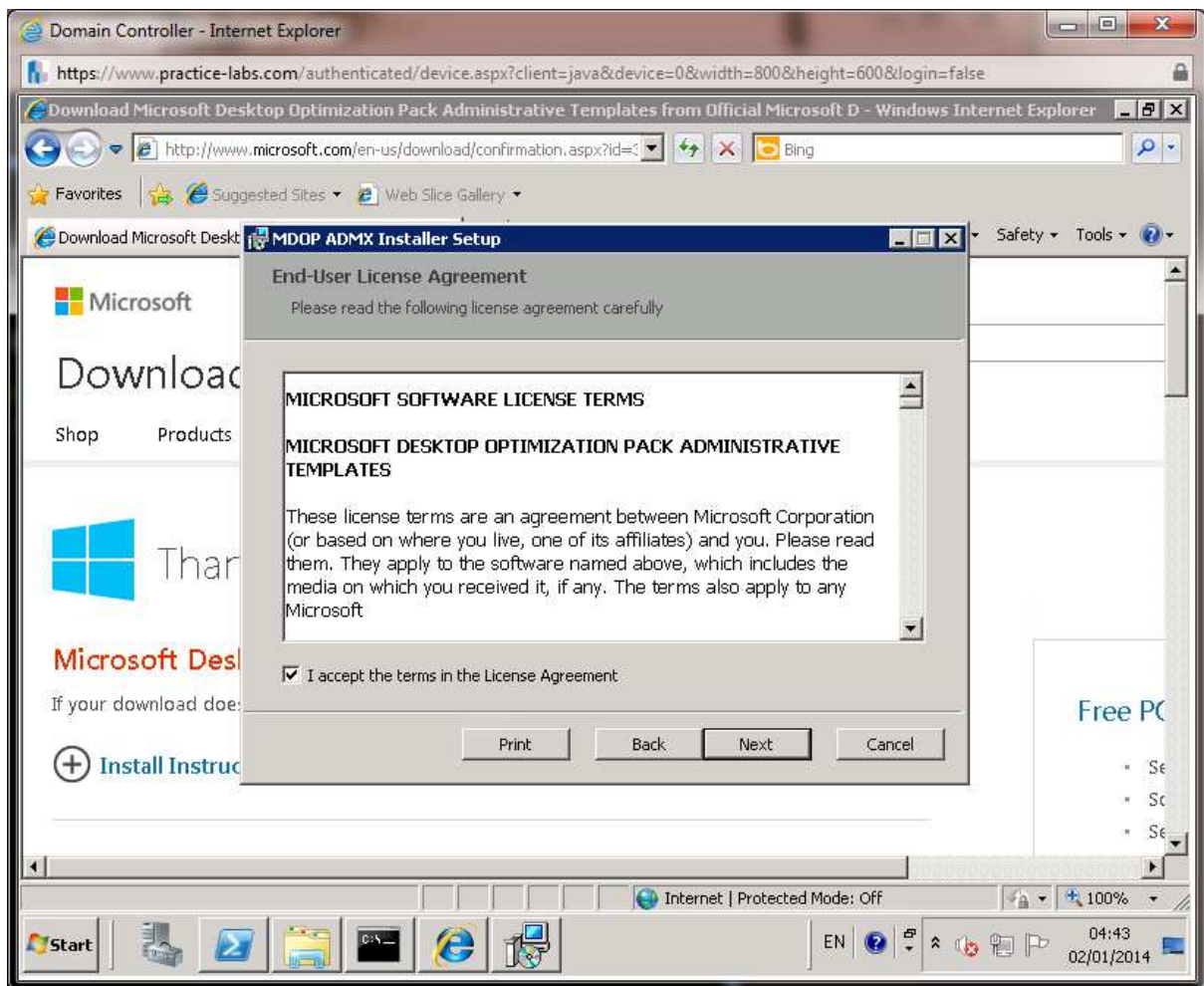
Step 7

On **Welcome to the MDOP ADMX Installer Setup Wizard**, click **Next**.



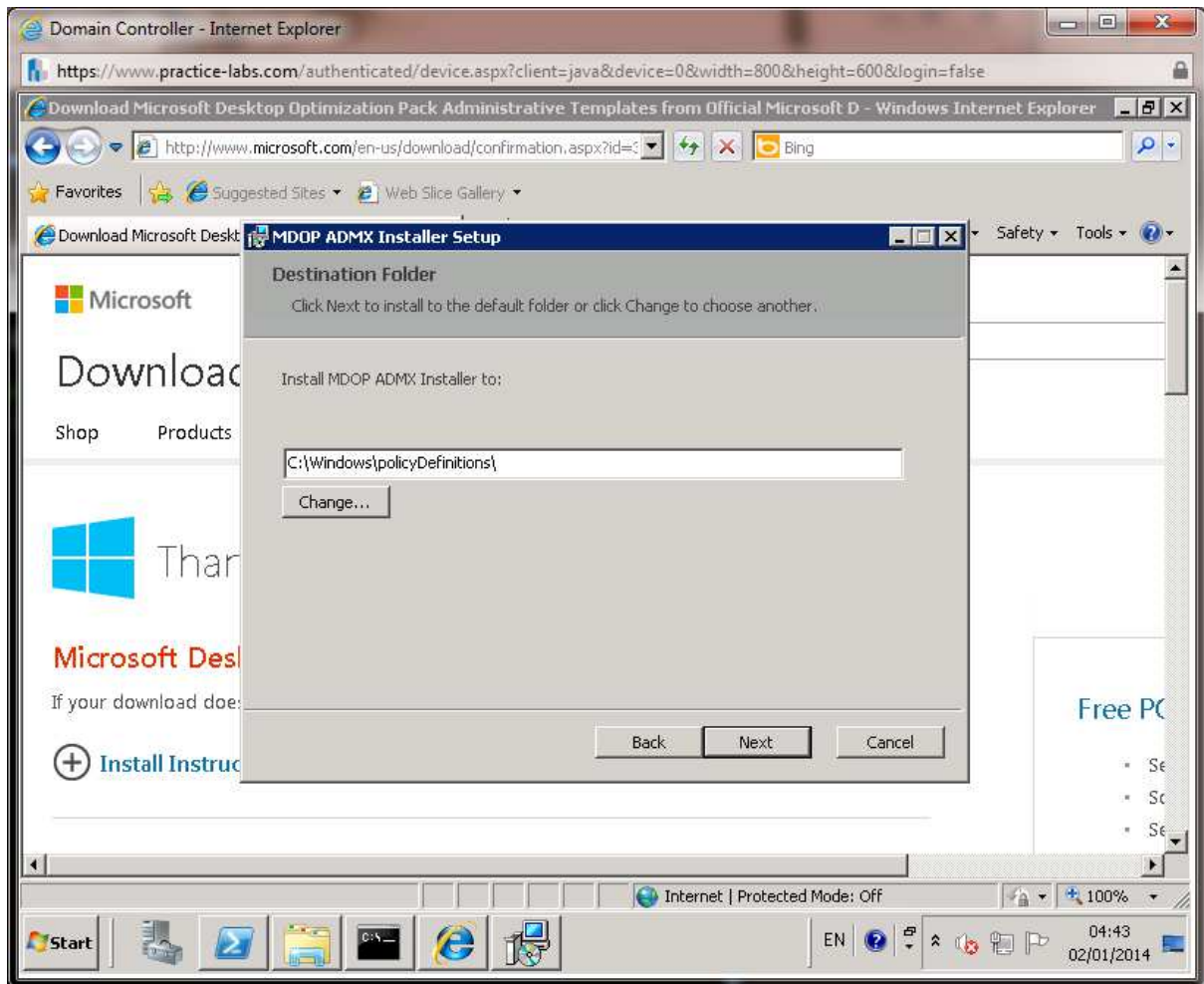
Step 8

On **End-User License Agreement**, click **I accept the terms in the License Agreement** box. Choose **Next**.



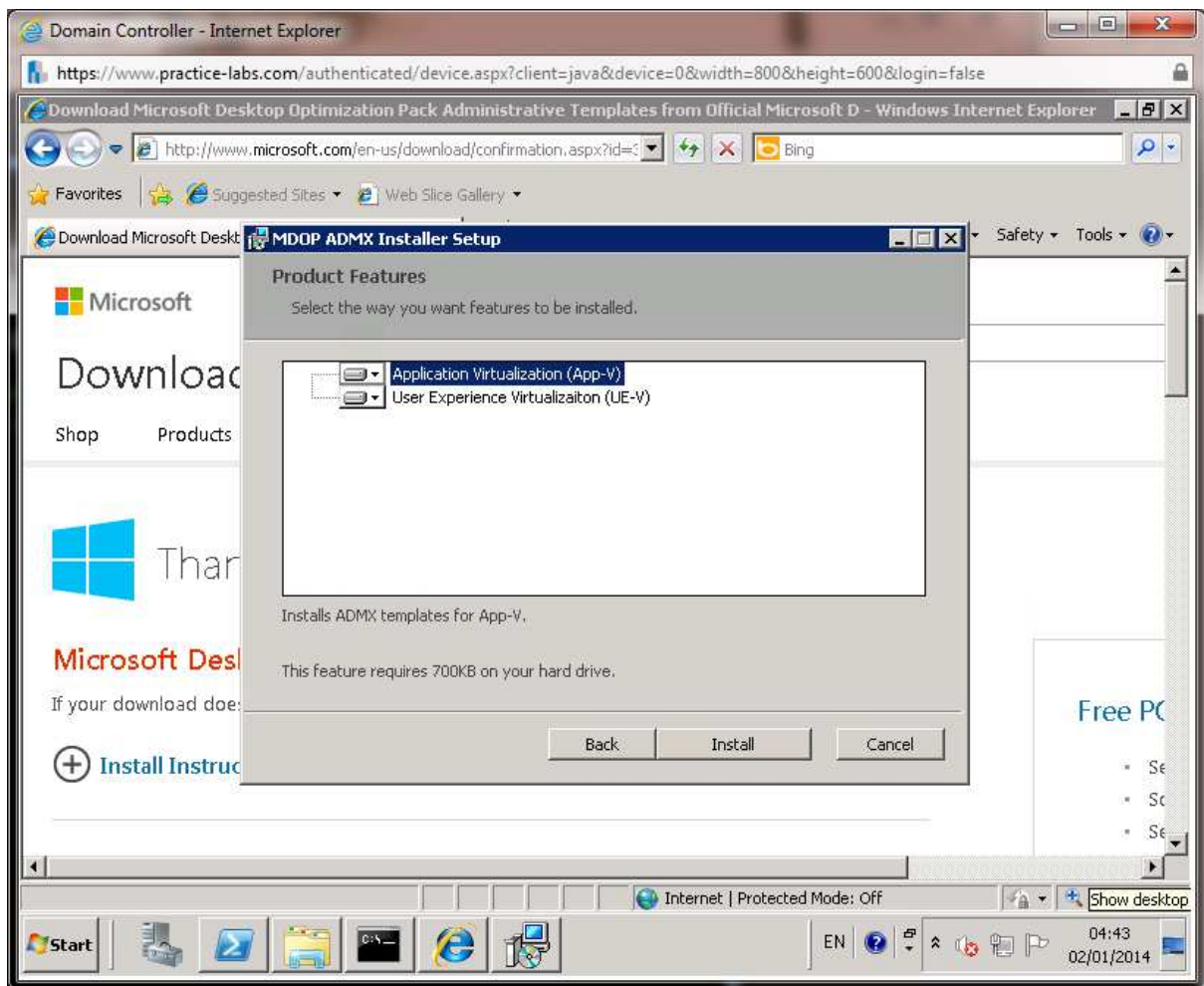
Step 9

On **Destination Folder**, click **Next**.



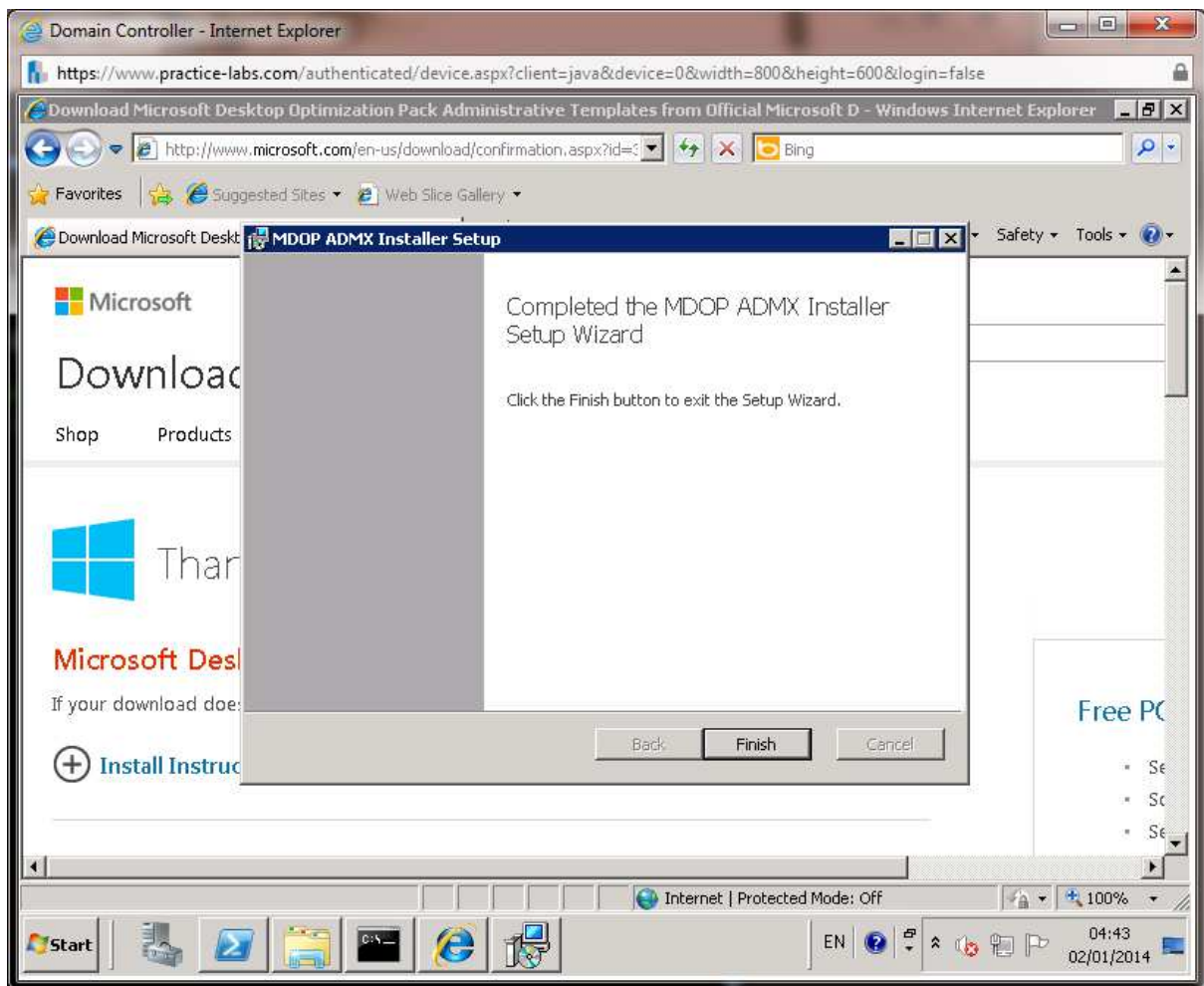
Step 10

On **Product Features** page, click **Install**.



Step 11

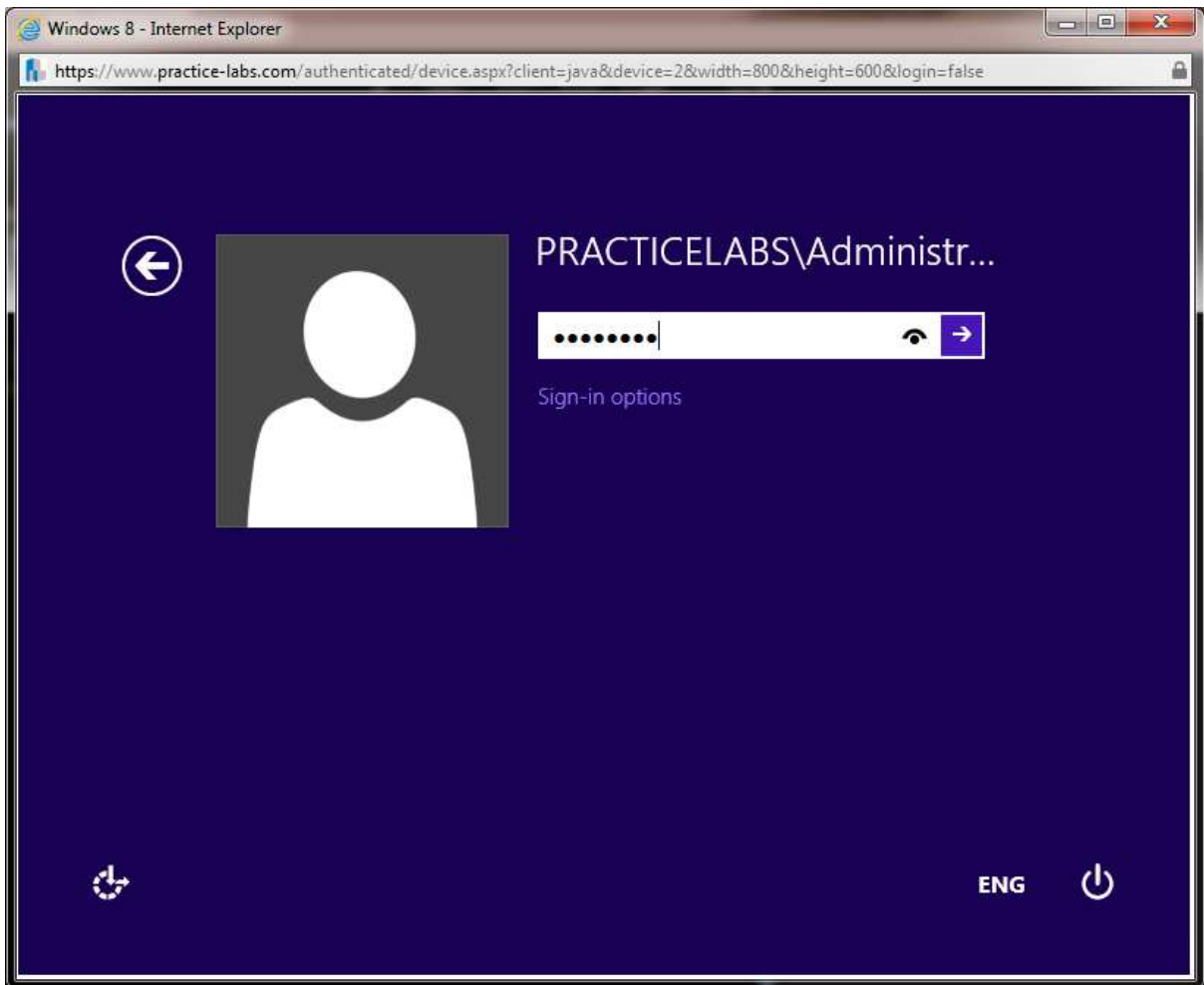
When **MDOP ADMX Installer Setup Wizard** is completed, click **Finish**. Close Internet Explorer.



Task 3: Install UE-V Agents

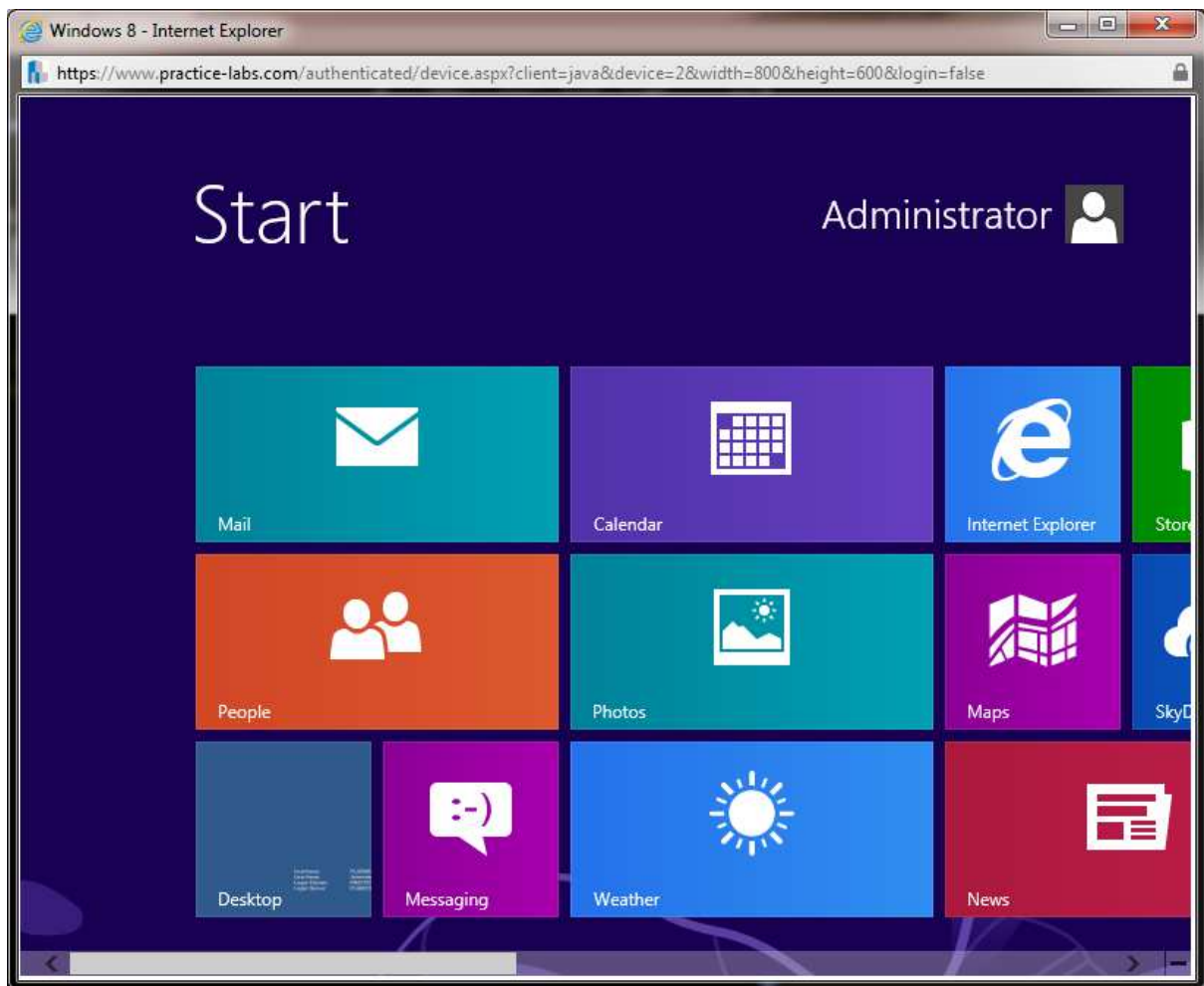
Step 1

Connect to **PLABWIN810** device and sign in as **practicelabs\administrator**, password is **Passw0rd**.



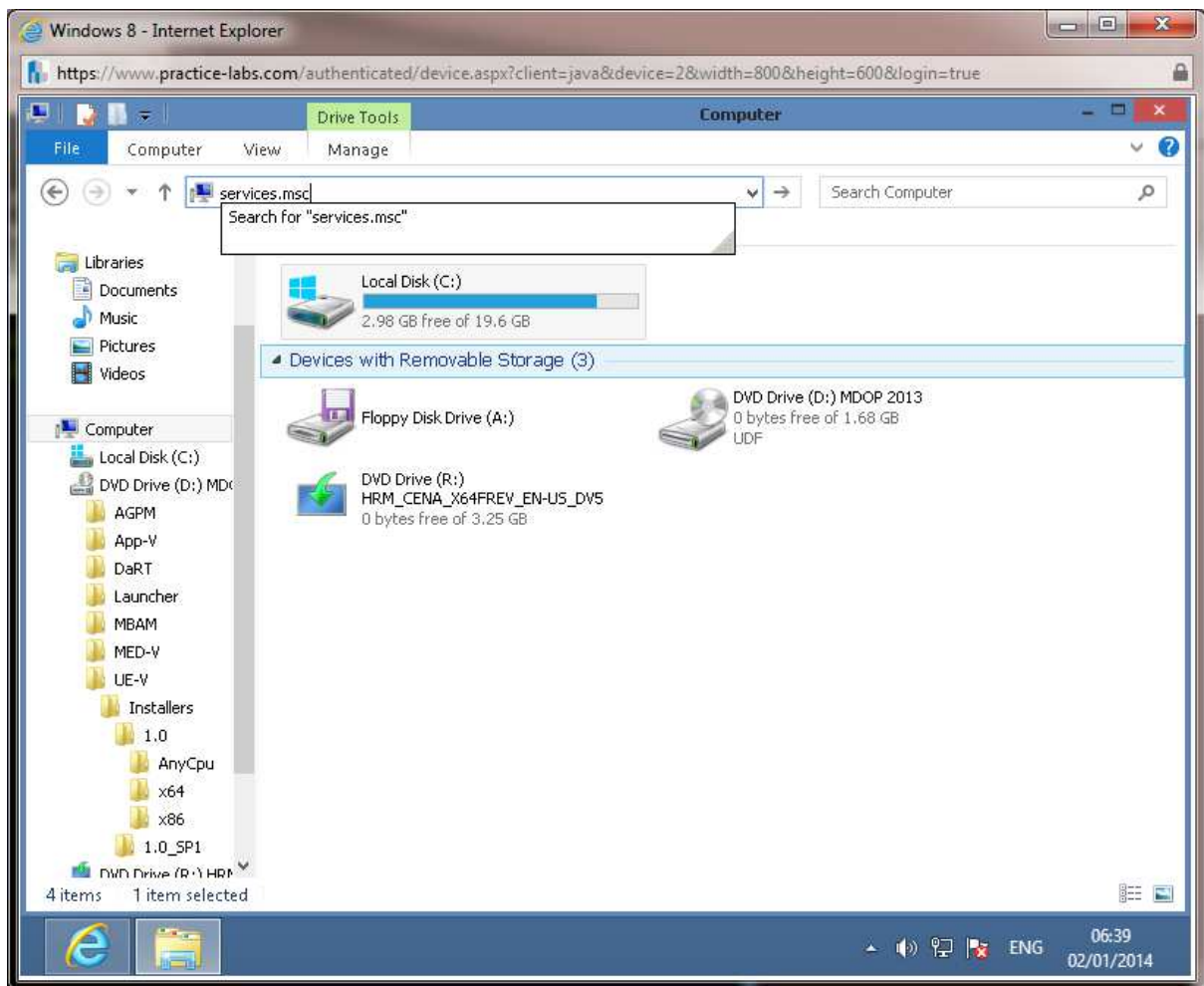
Step 2

From **Start** screen, click **Desktop** tile.



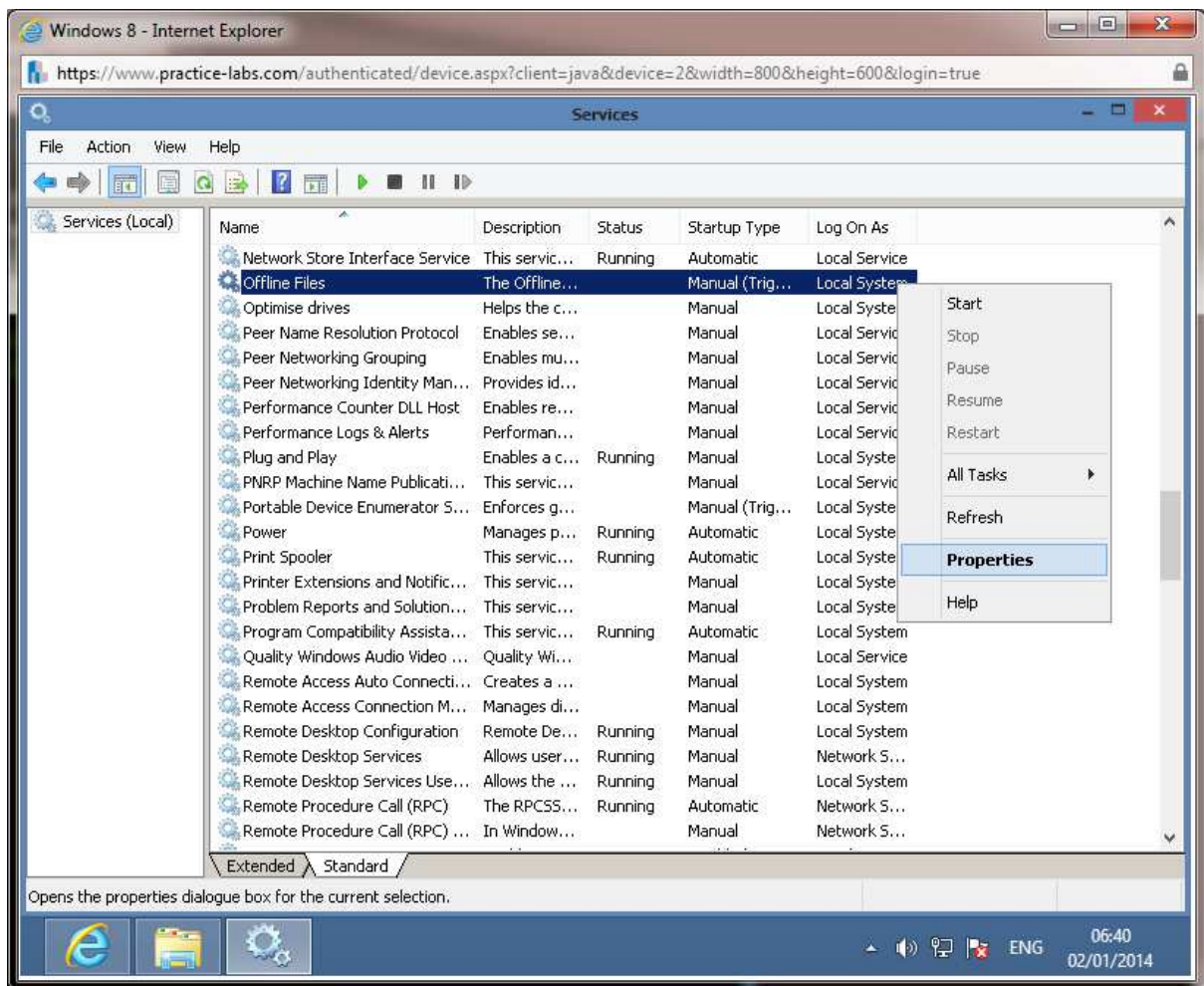
Step 3

On **Desktop** view, click File Explorer icon on taskbar. Click in address bar and type **services.msc**, press **Enter**.



Step 4

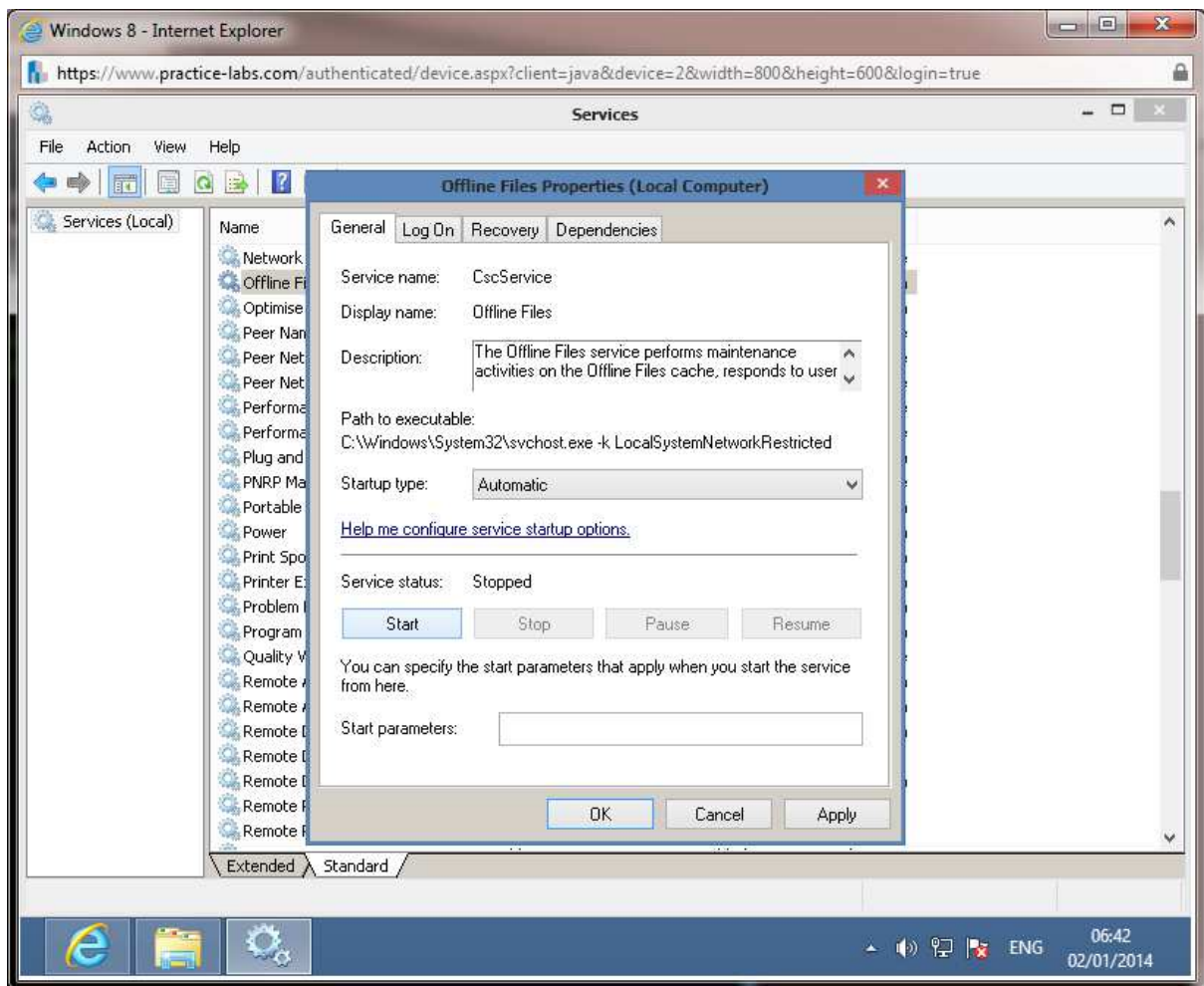
From **Services** console, on details pane right-click on **Offline Files** and choose **Properties**.



Step 5

On **Offline Files Properties**, change **Startup type** to **Automatic**. Click **Start**. When the **Offline Files** service is started, click **OK**.

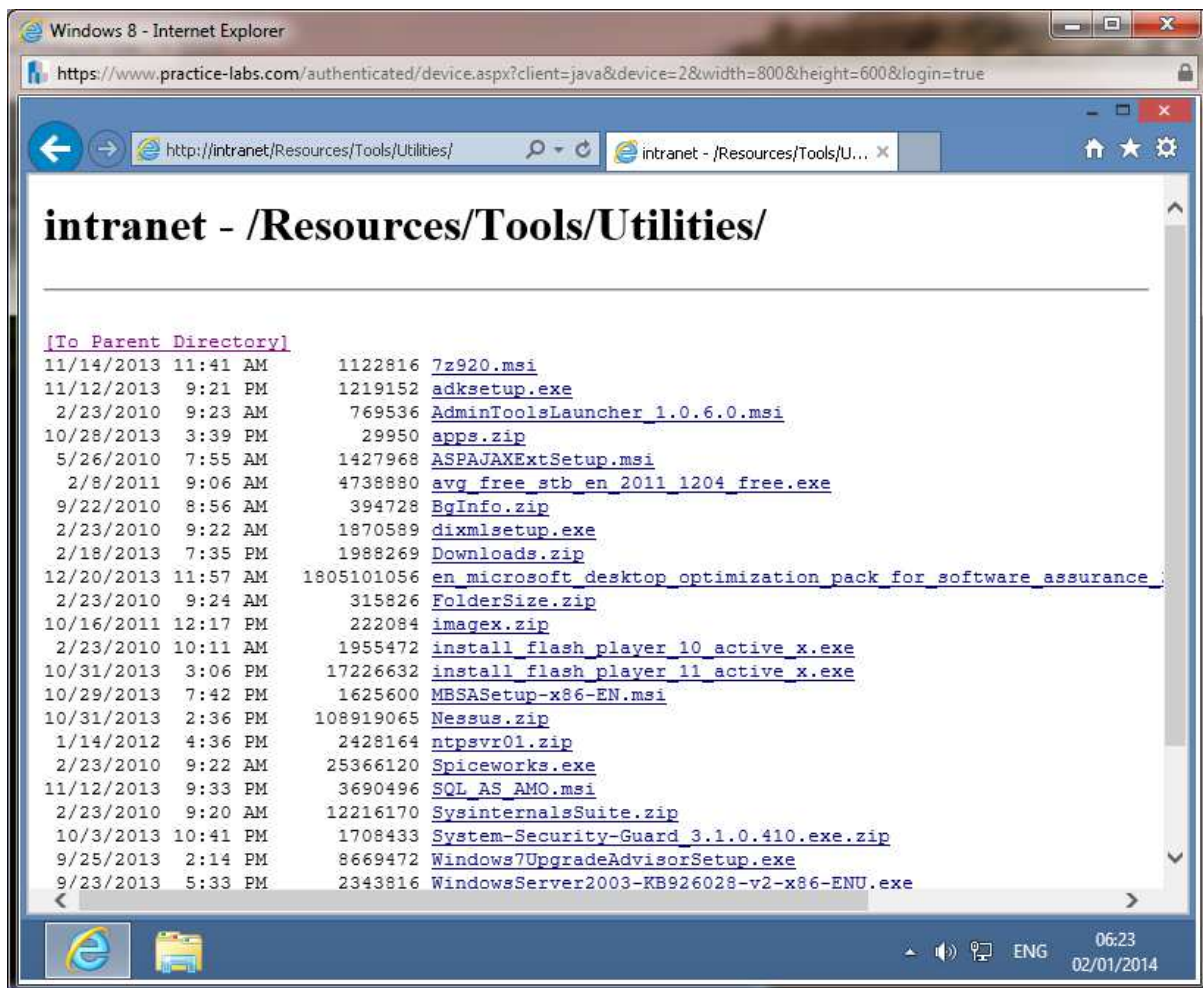
Close Services program.



Step 6

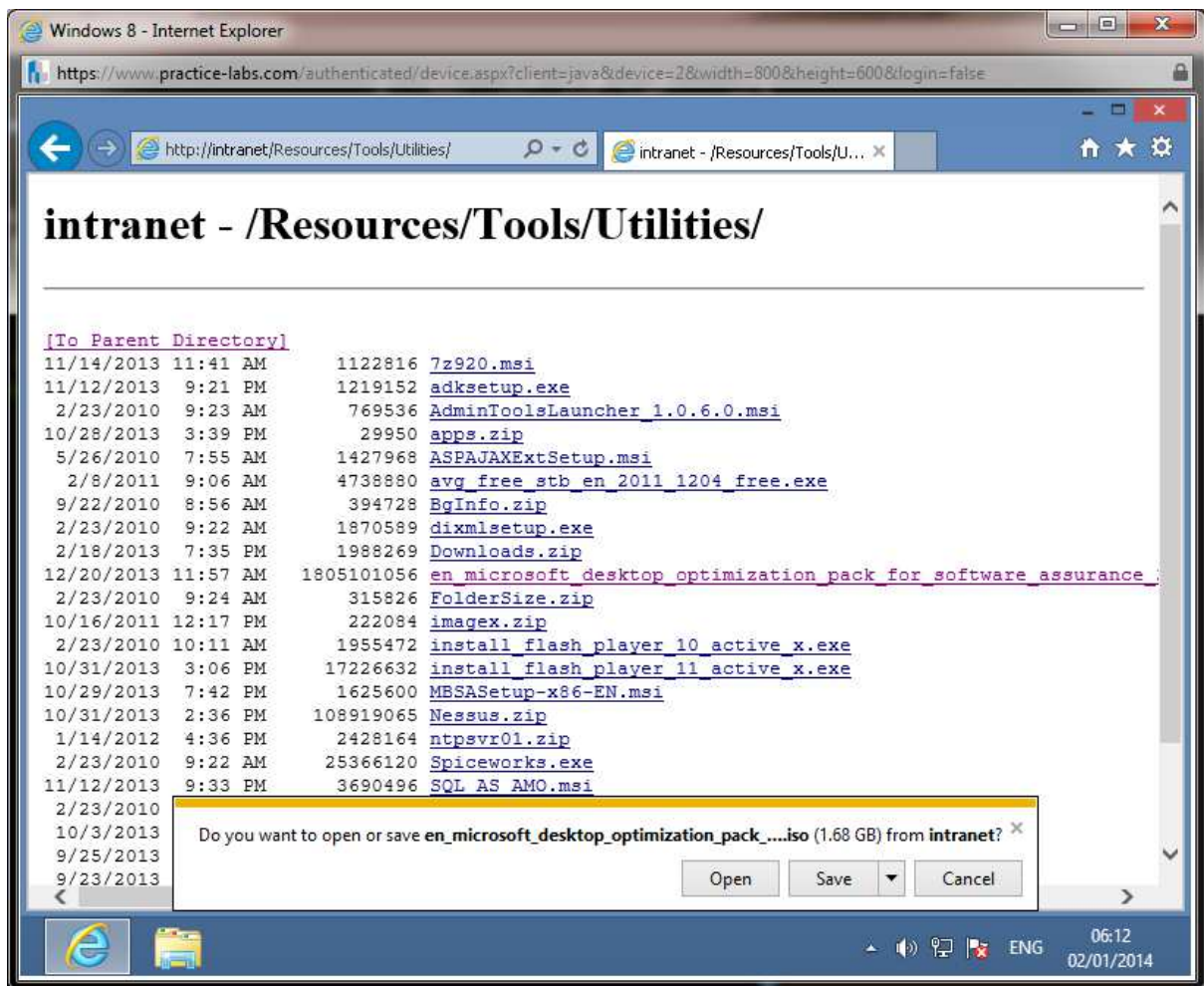
Click **Internet Explorer** on taskbar. From intranet web page, go to **/Resources/Tools/Utilities**.

Click **en_microsoft_desktop_optimization_pack_for_software_assurance** link.



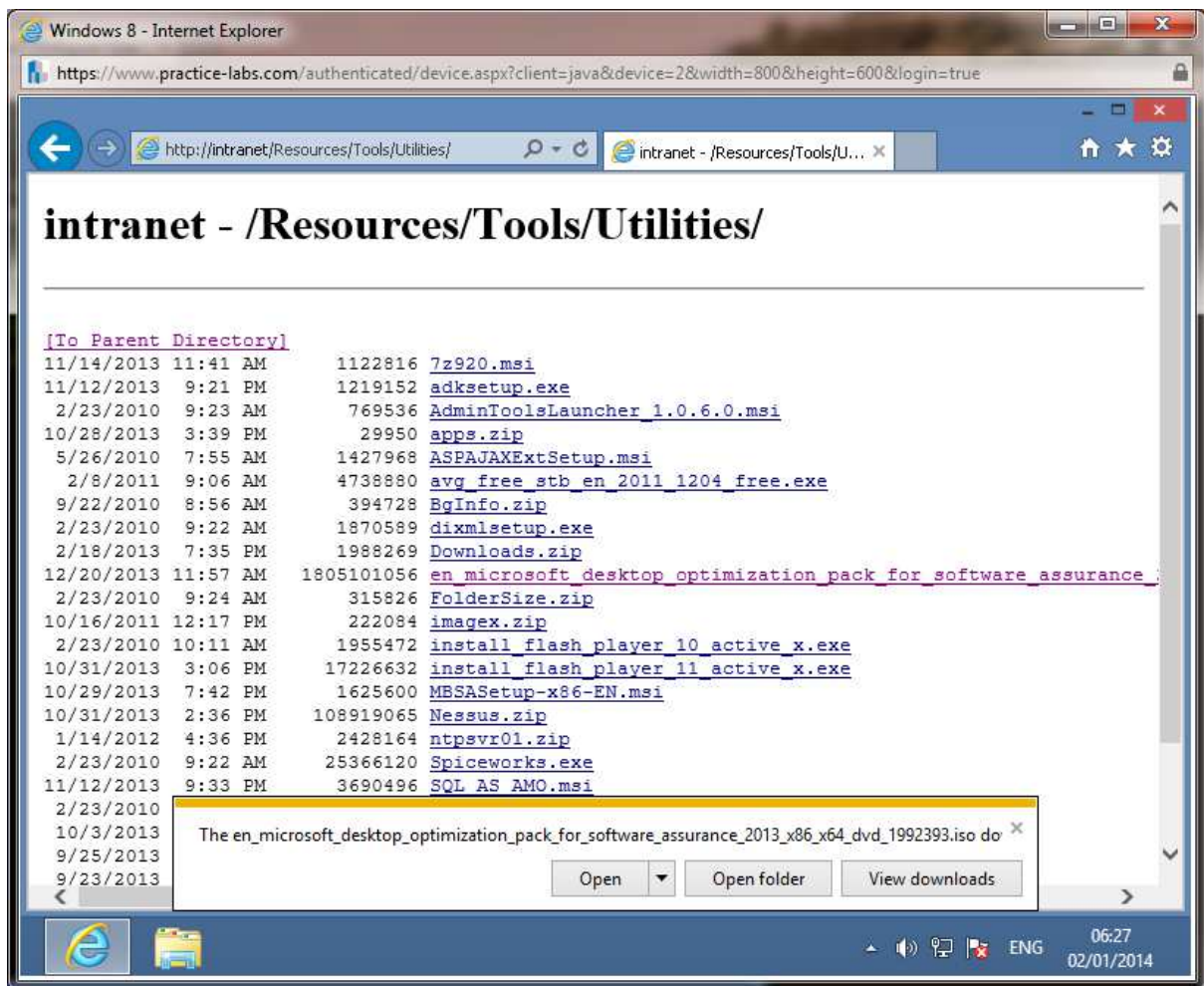
Step 7

From information bar, click **Save**. Download will take a few minutes.



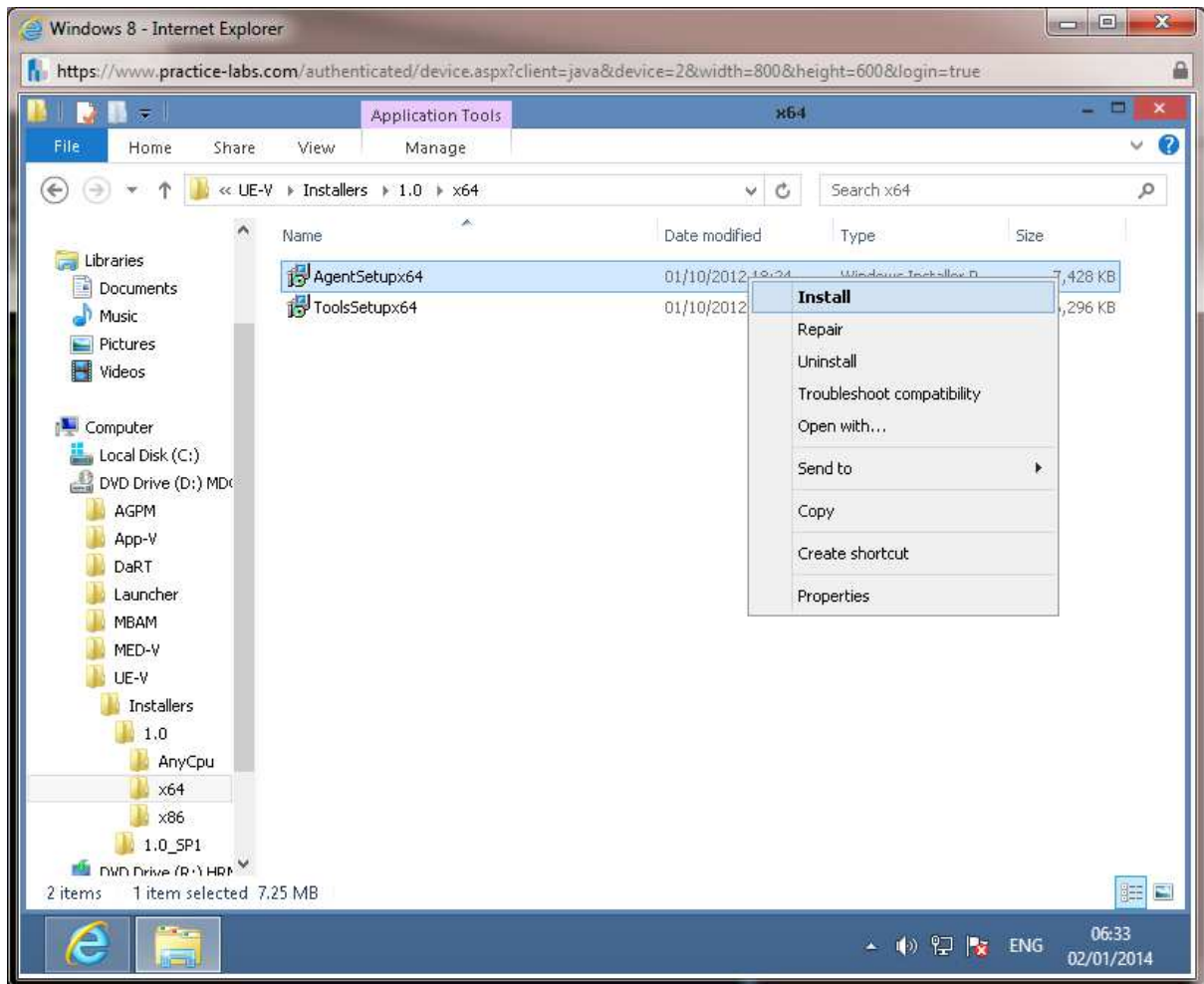
Step 8

From information bar will display if download has been completed, click **Open folder**.



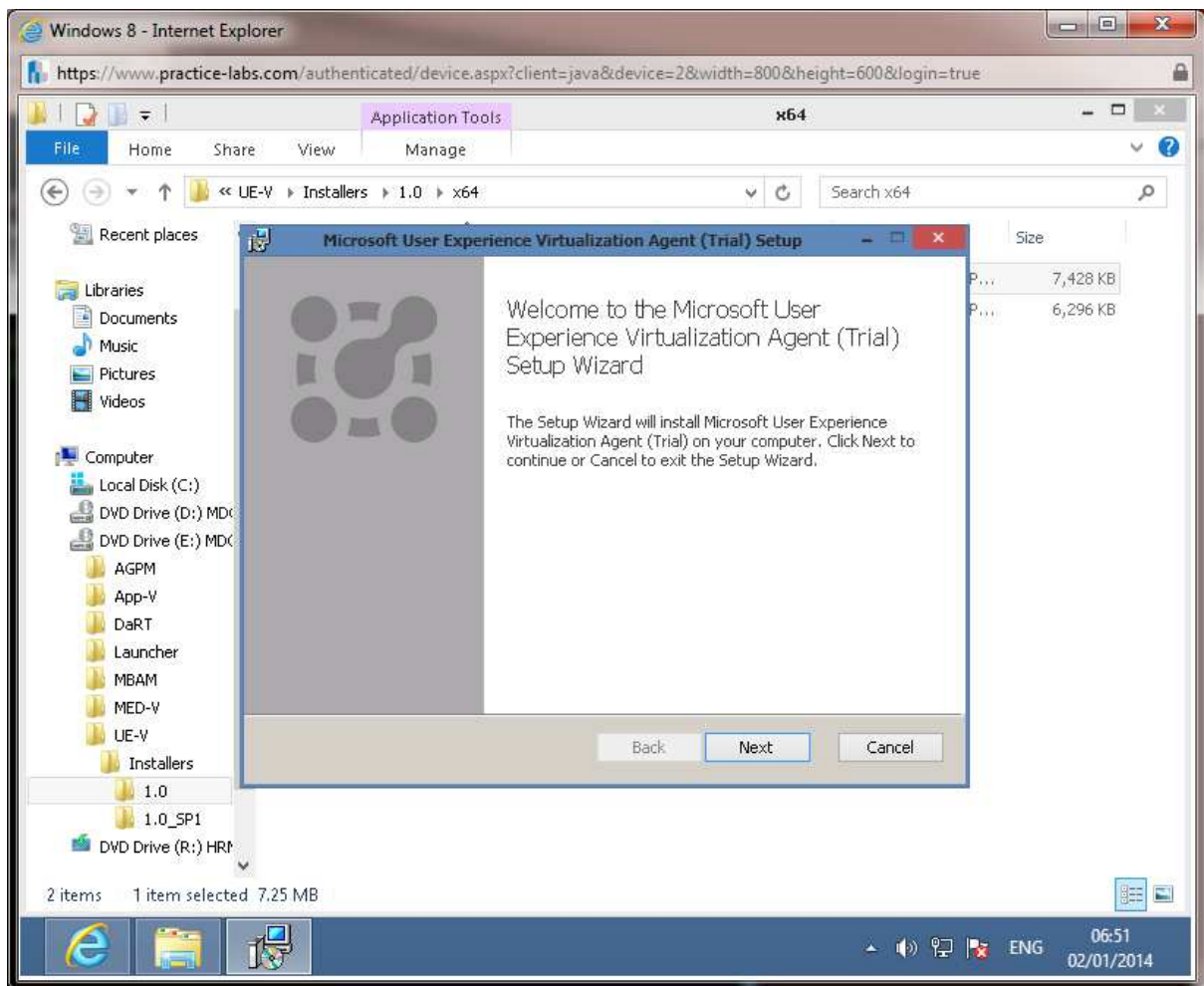
Step 9

You will be redirected to `\Downloads` folder. Right-click on `en_microsoft_desktop_optimization_pack_for_software_assurance_2012` and choose **Mount**.



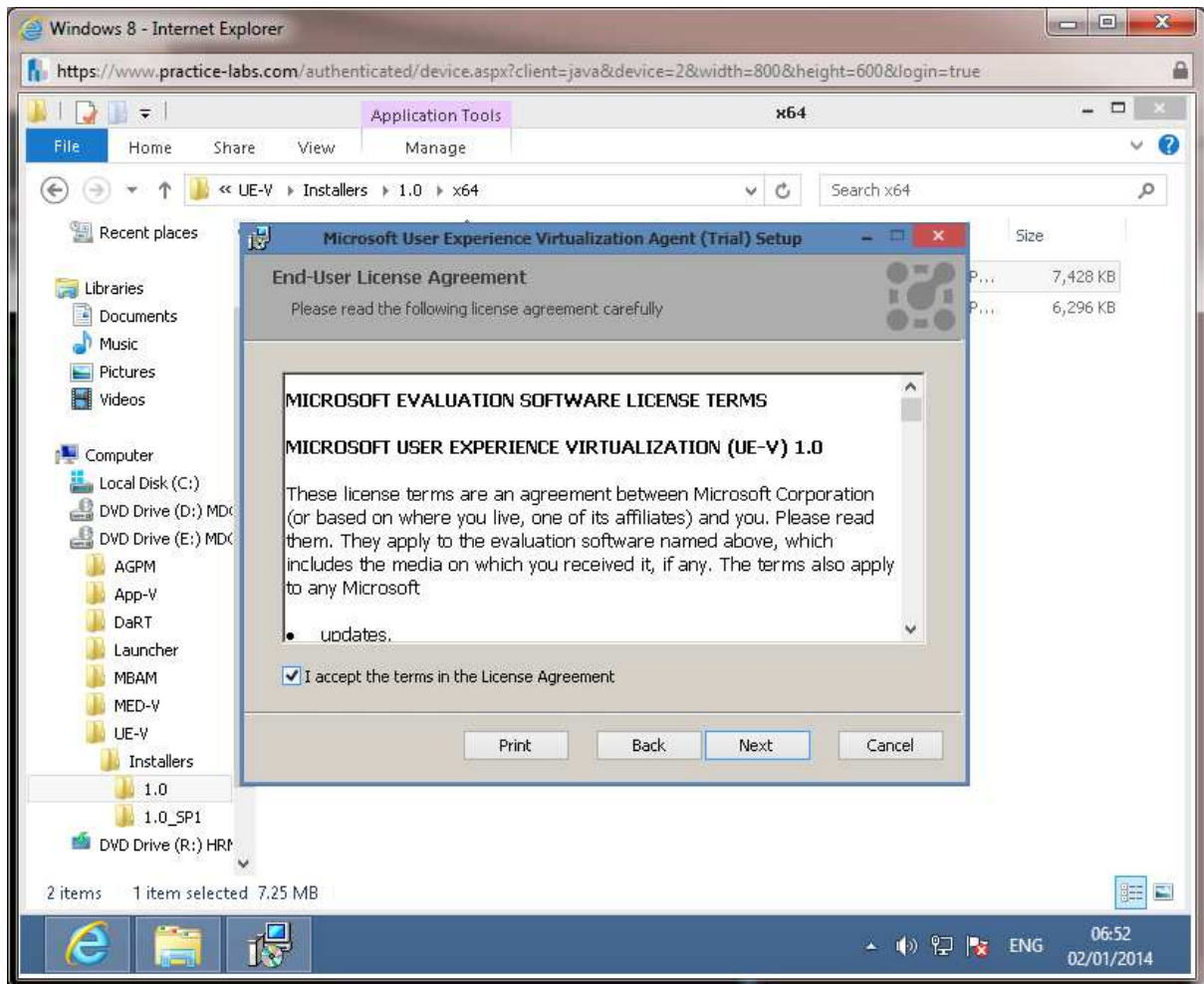
Step 11

On **Welcome to the Microsoft User Experience Virtualization Agent (Trial) Setup Wizard** page, click **Next**.



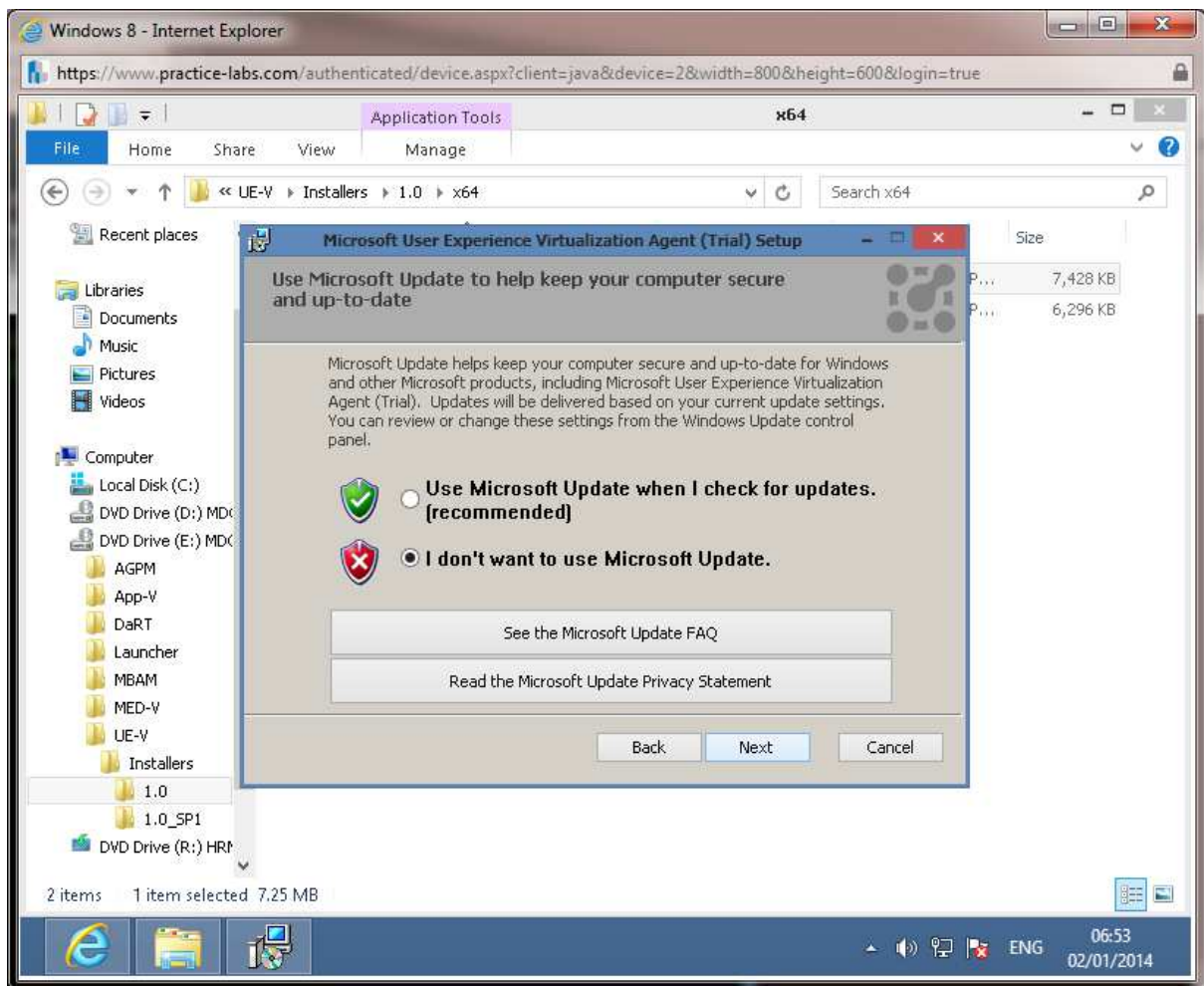
Step 12

On **End-User License Agreement** page, click **I accept the terms in the License Agreement** check box. Click **Next**.



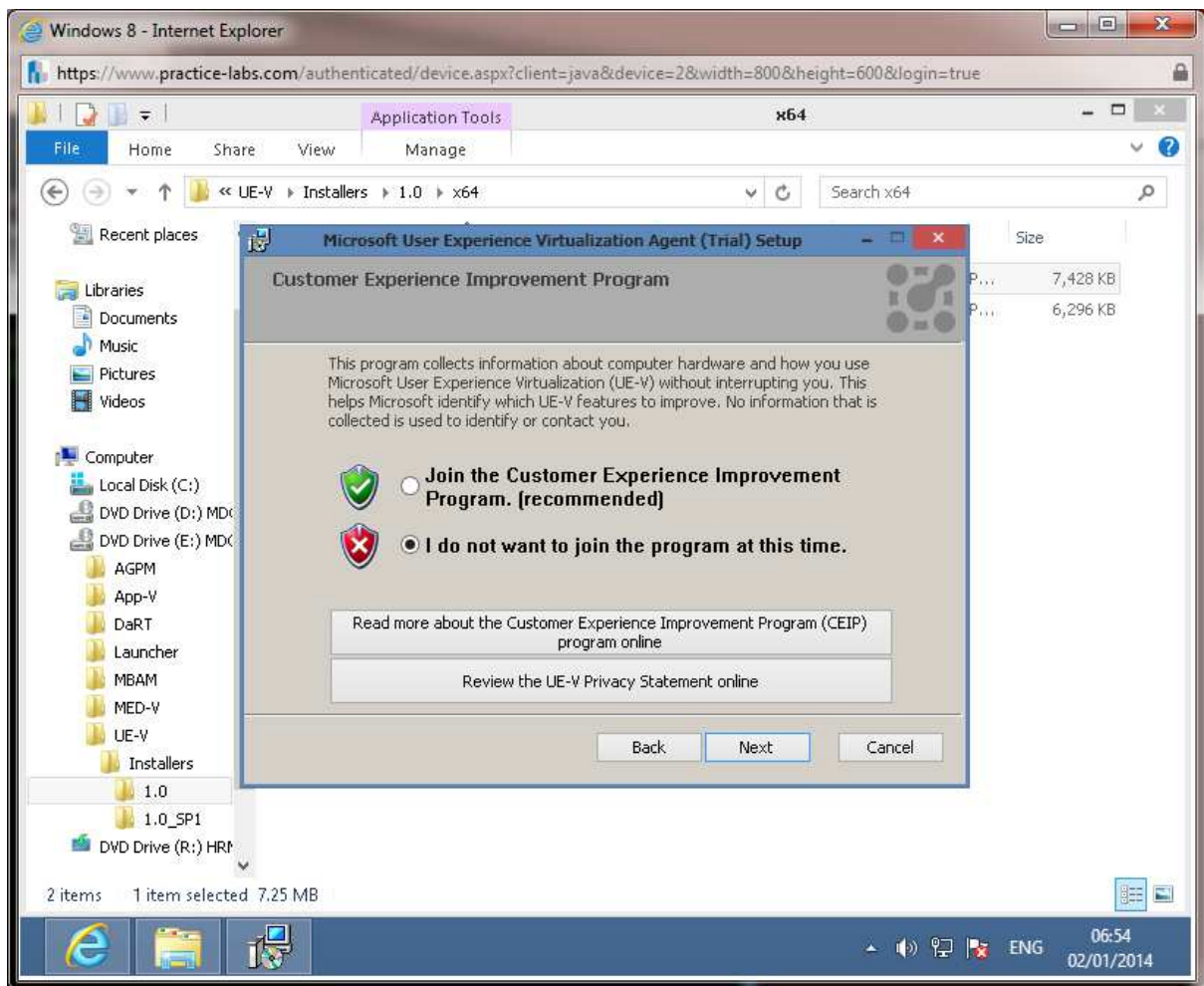
Step 13

On Use Microsoft Update screen, select **I don't want to use Microsoft Update** option. Click **Next**.



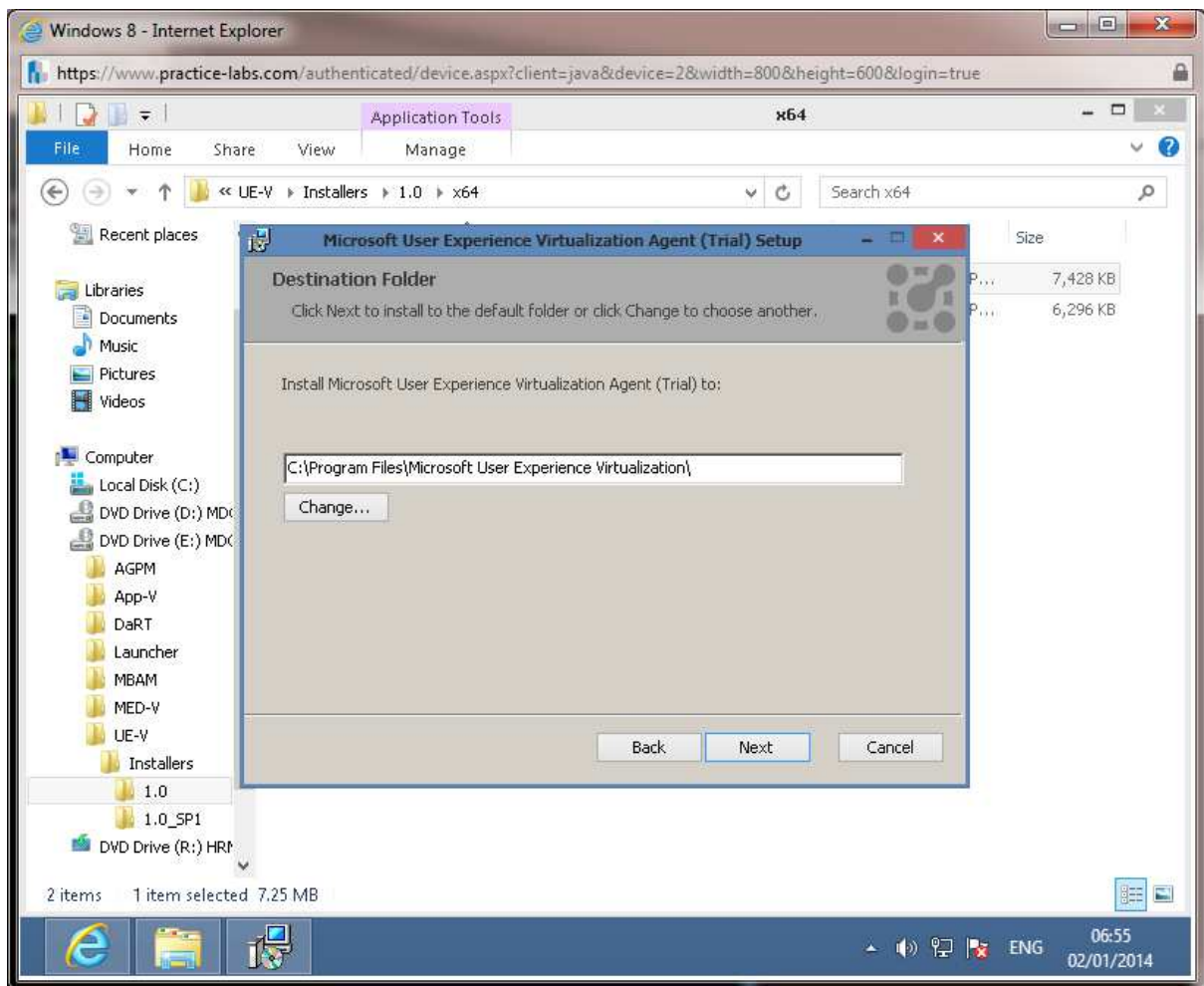
Step 14

On Customer Experience Improvement Program page, select **I do not want to join the program at this time** option. Click **Next**.



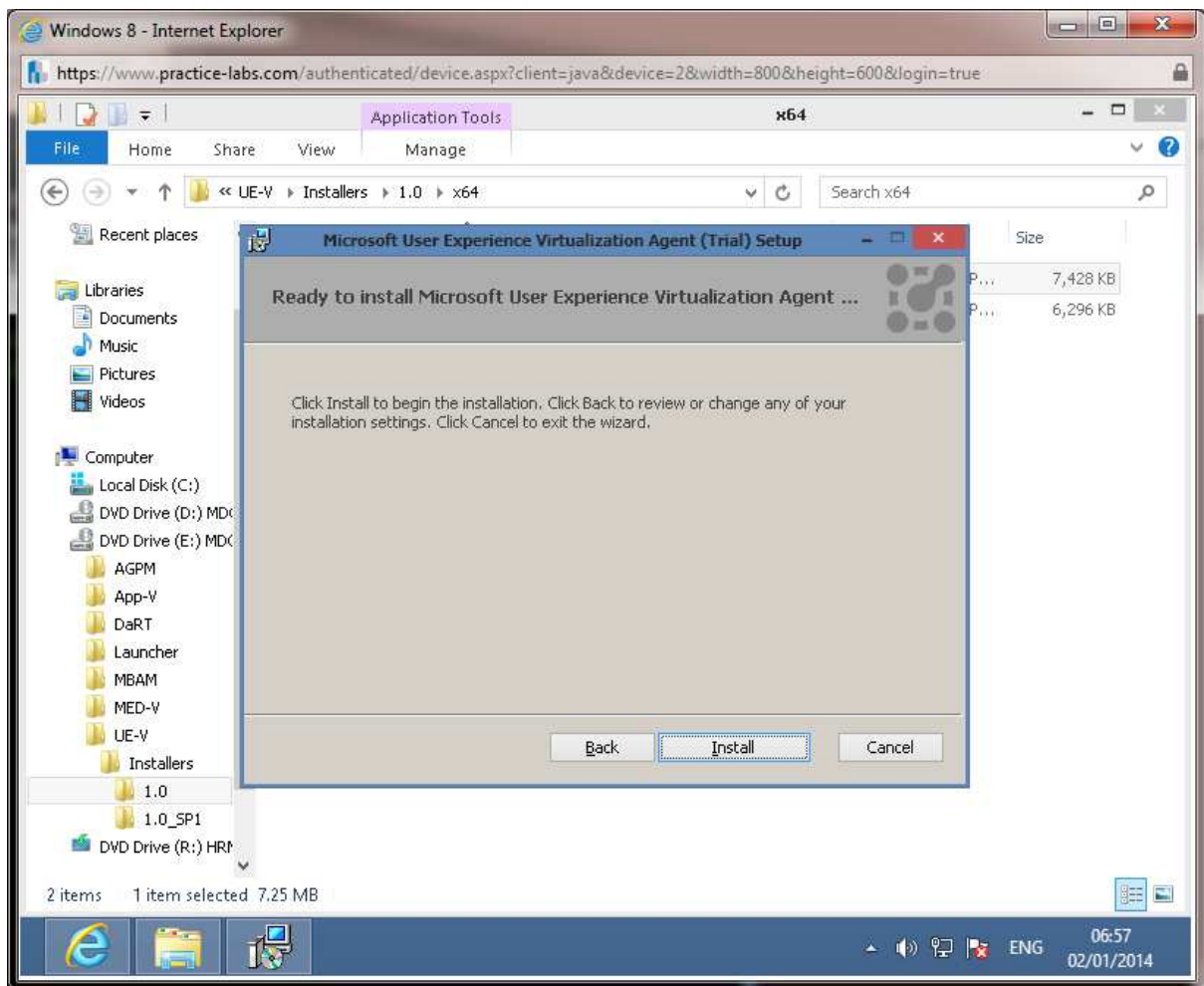
Step 15

On Destination Folder, click Next.



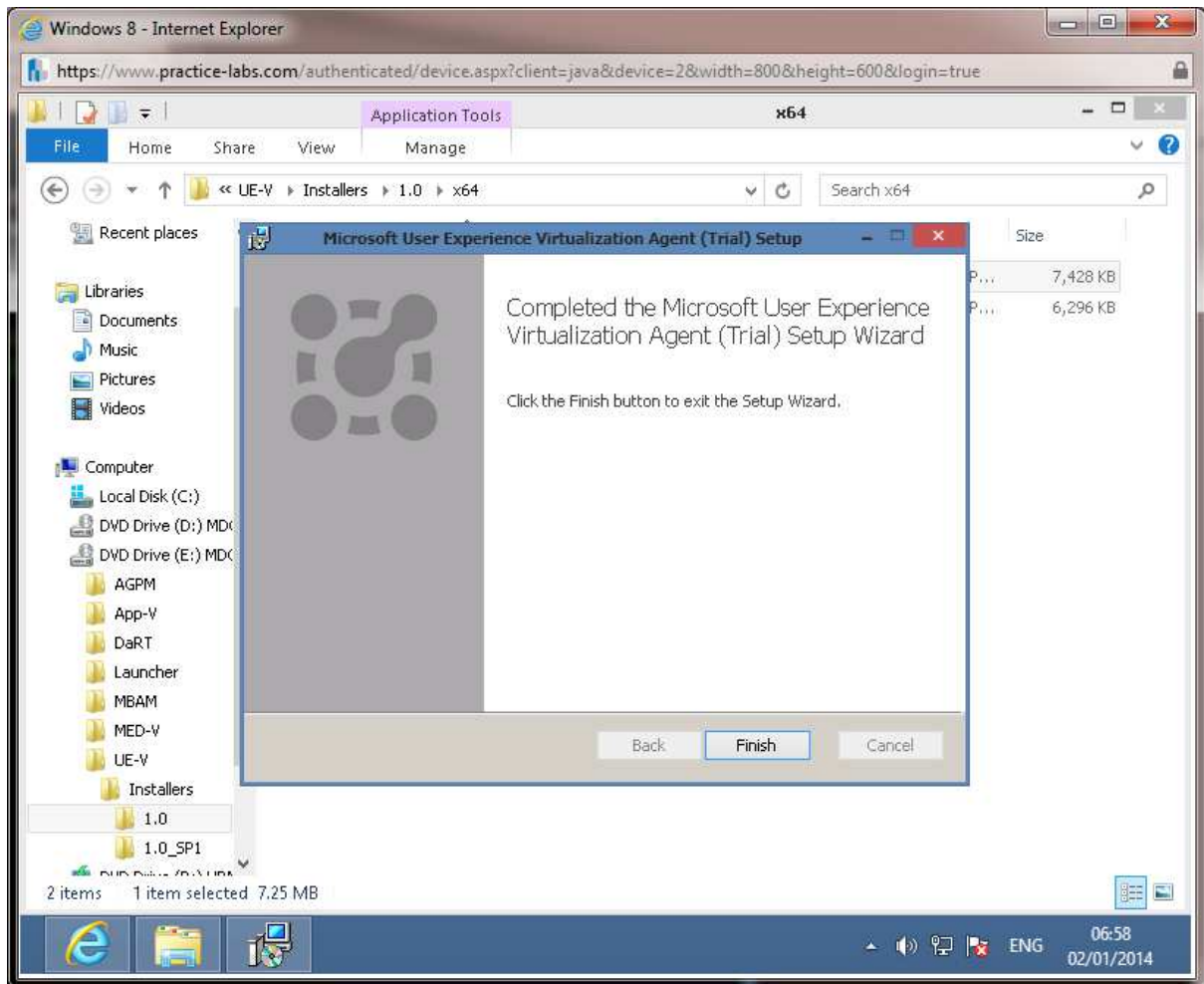
Step 16

On Ready to install Microsoft User Experience screen, click **Install**.



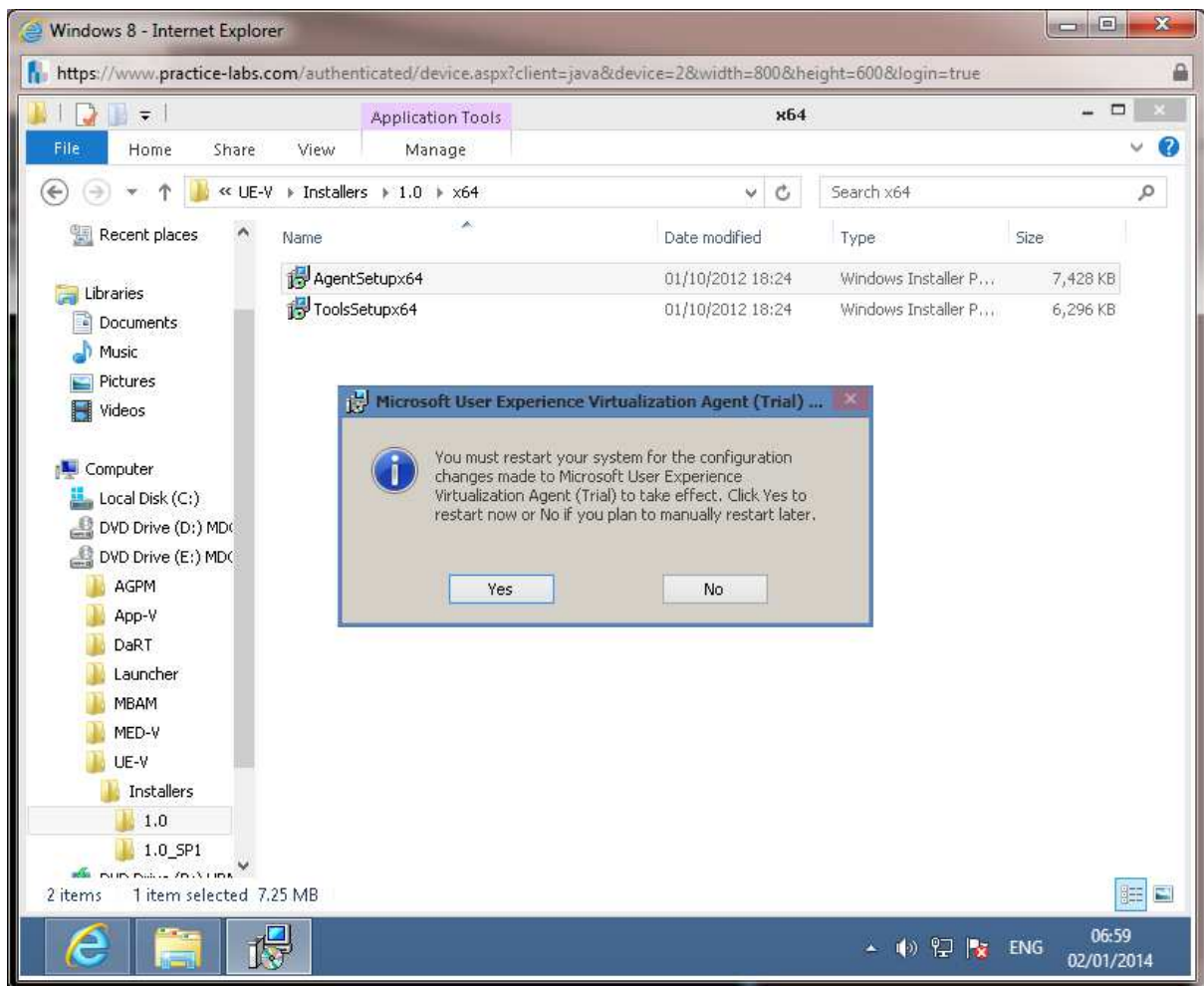
Step 17

When **User Experience Virtualization Agent setup** is completed, click **Finish**.



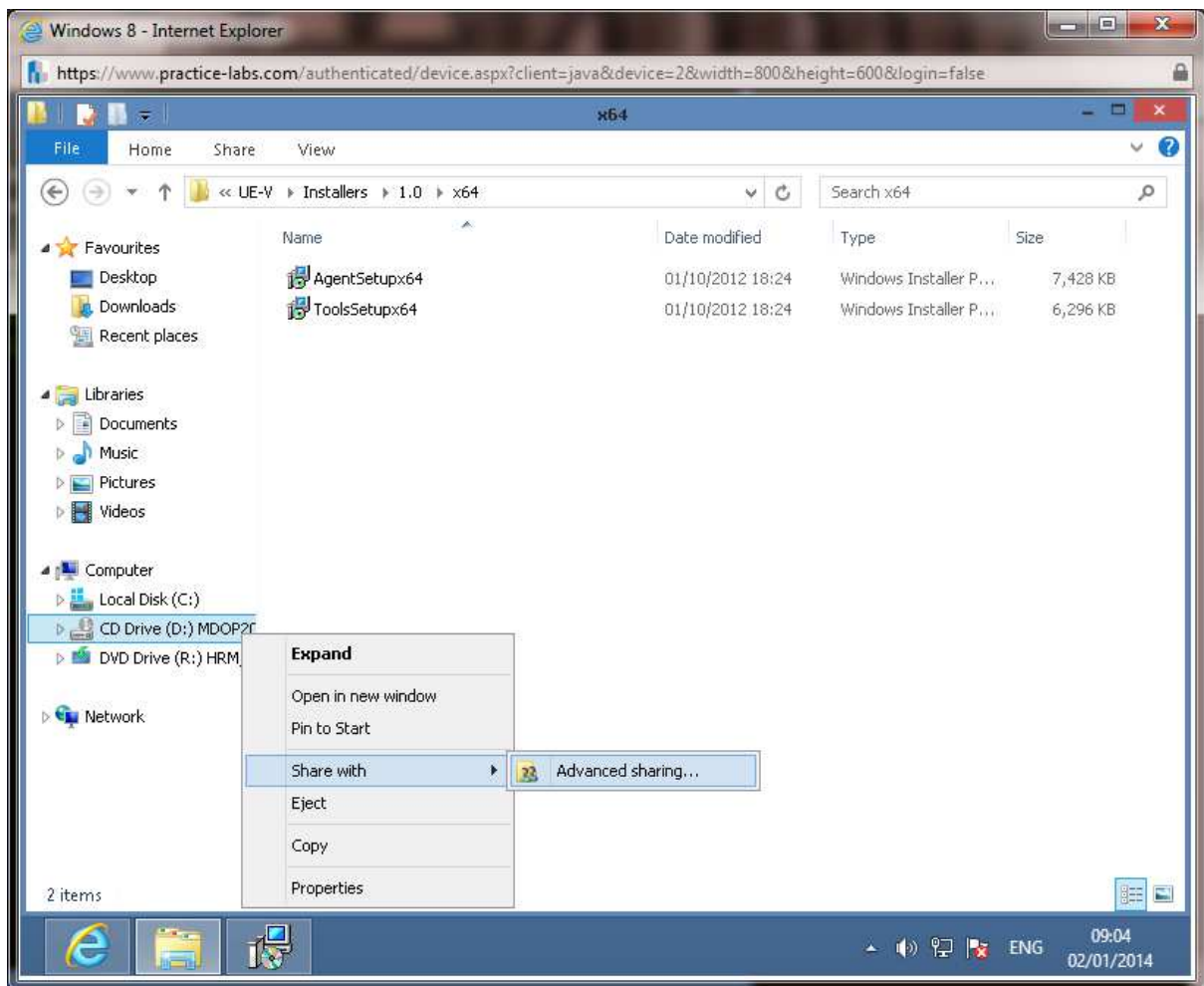
Step 18

Click **No** when asked to restart **PLABWIN810**.



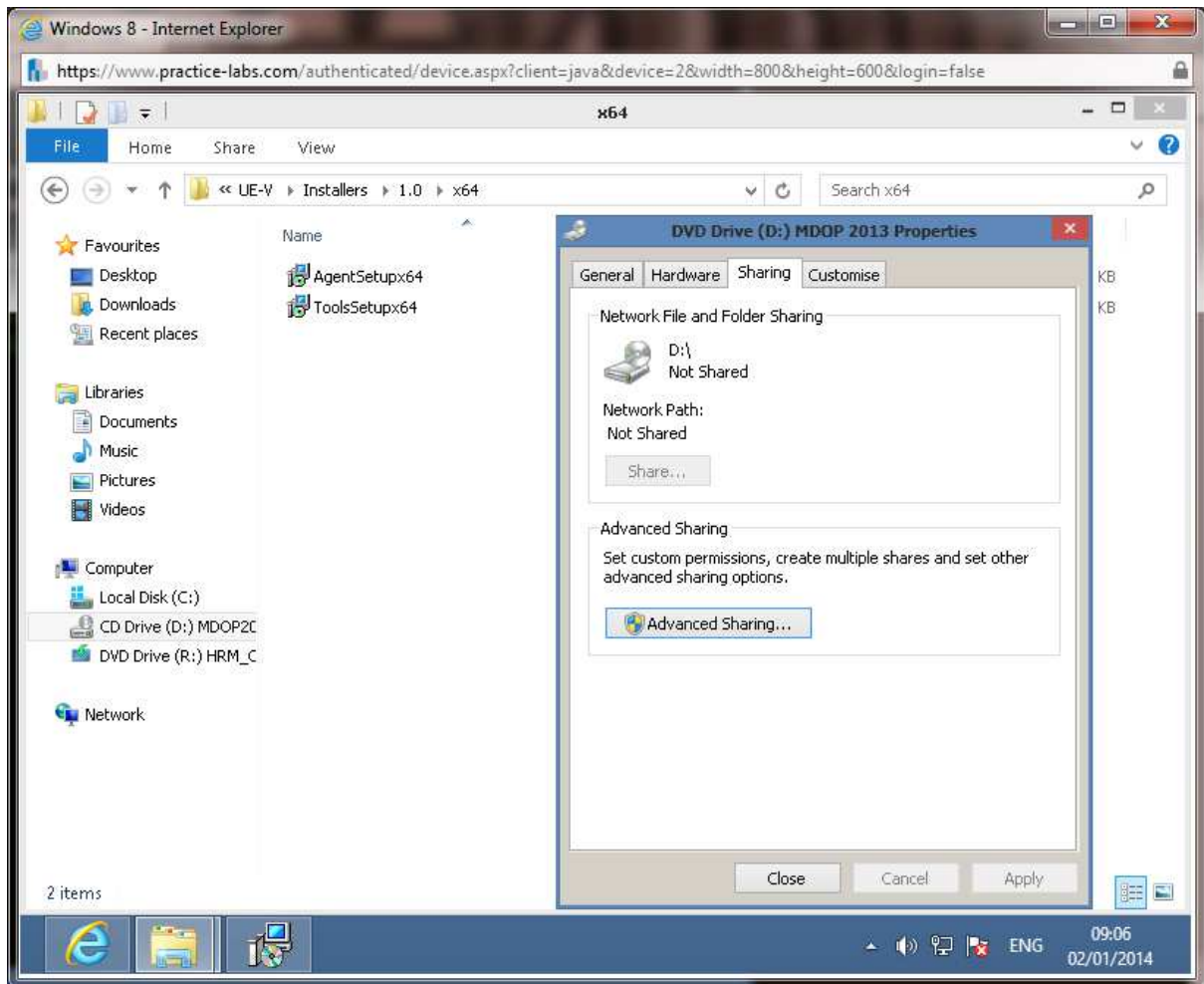
Step 19

Right-click on the drive **MDOP2013** and choose **Share with > Advanced sharing...**



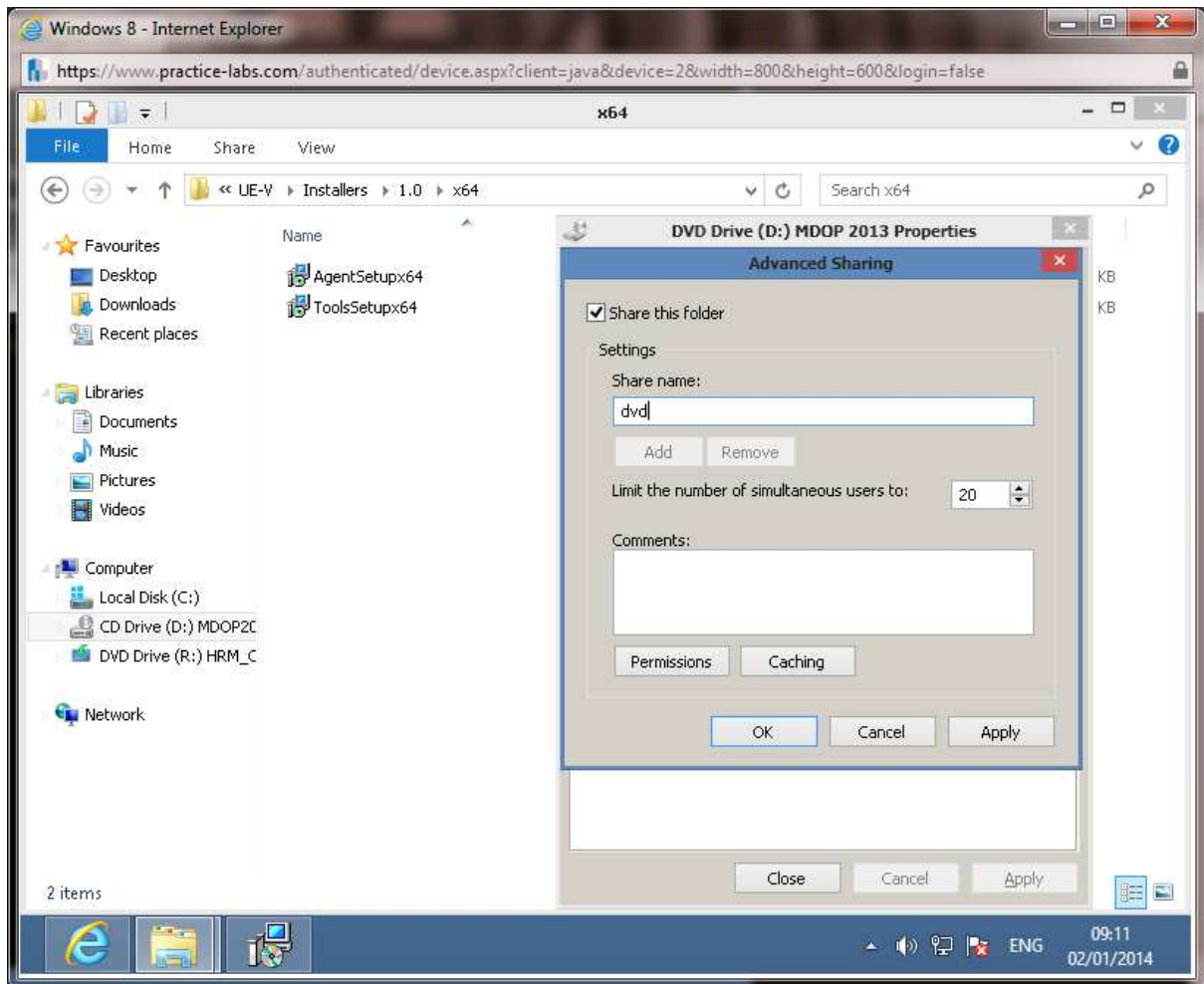
Step 20

On DVD Drive D MDOP Properties, click **Advanced Sharing...**



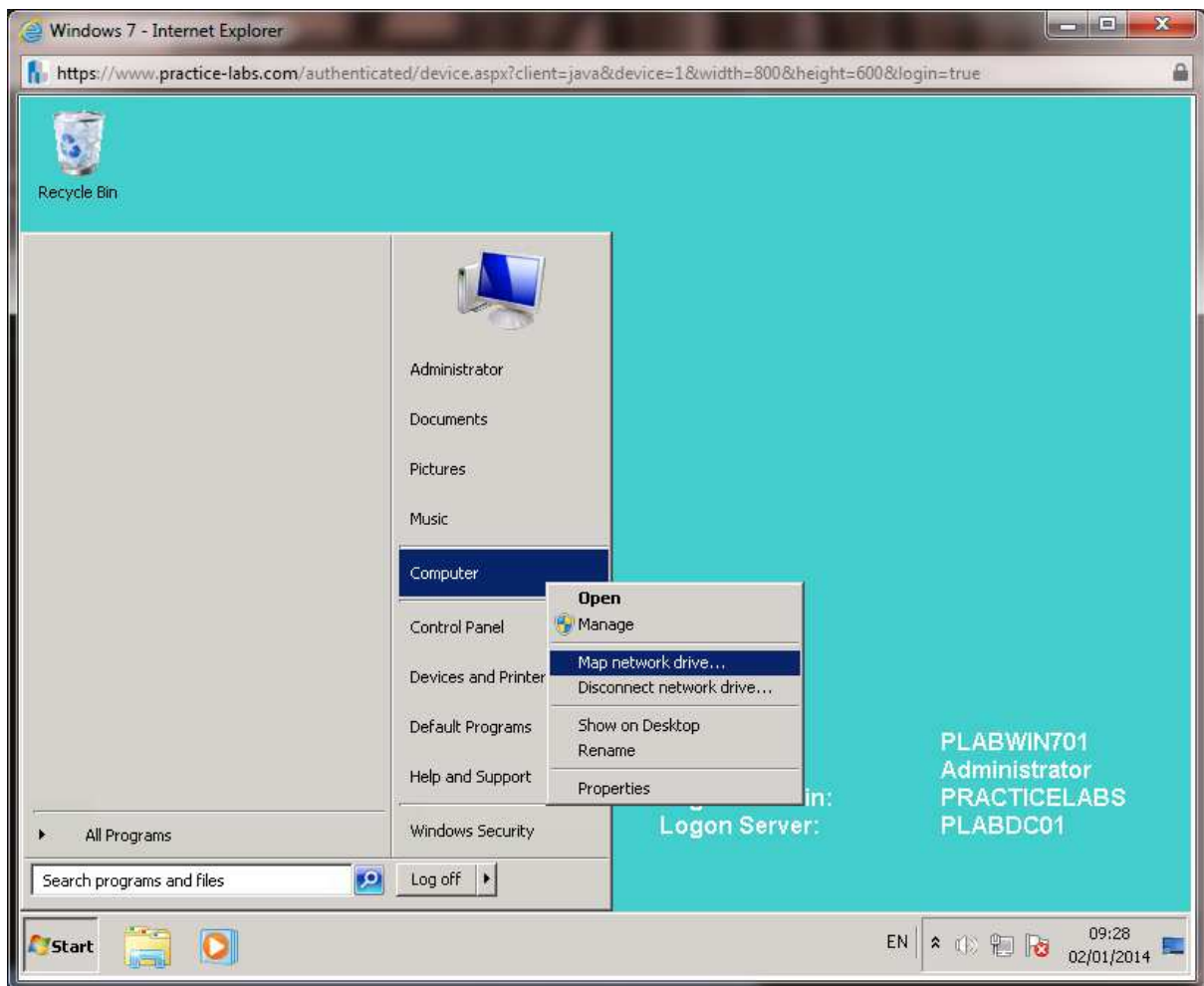
Step 21

On Advanced Sharing dialogue box, click **Share this folder** then type **dvd**. Click **OK** then **Close**.



Step 22

Connect to **PLABWIN701** as **practicelabs\administrator**, password is **Passw0rd**. Click **Start** and right-click on **Computer**, choose **Map network drive...**

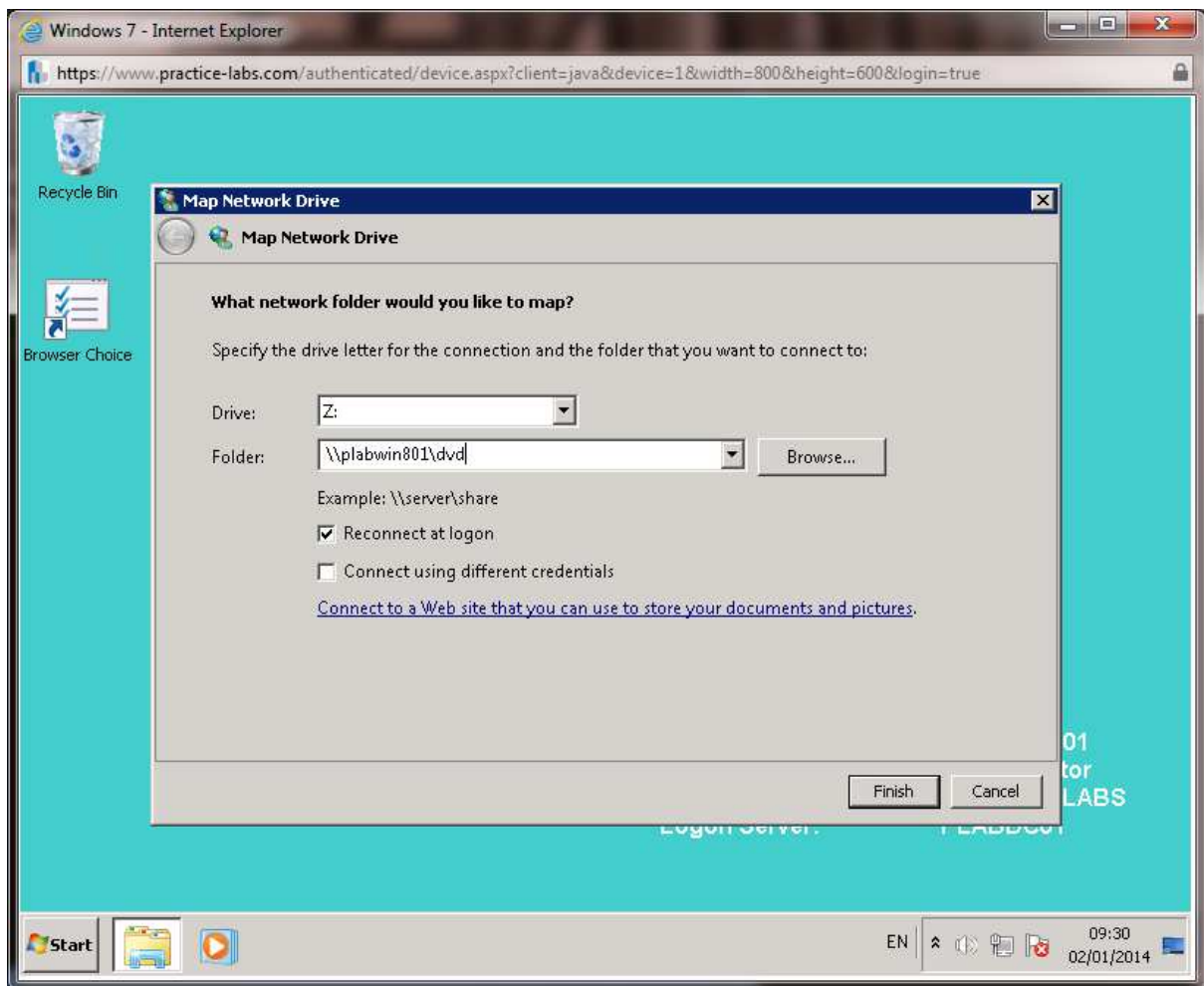


Step 23

In **Folder** text box, type

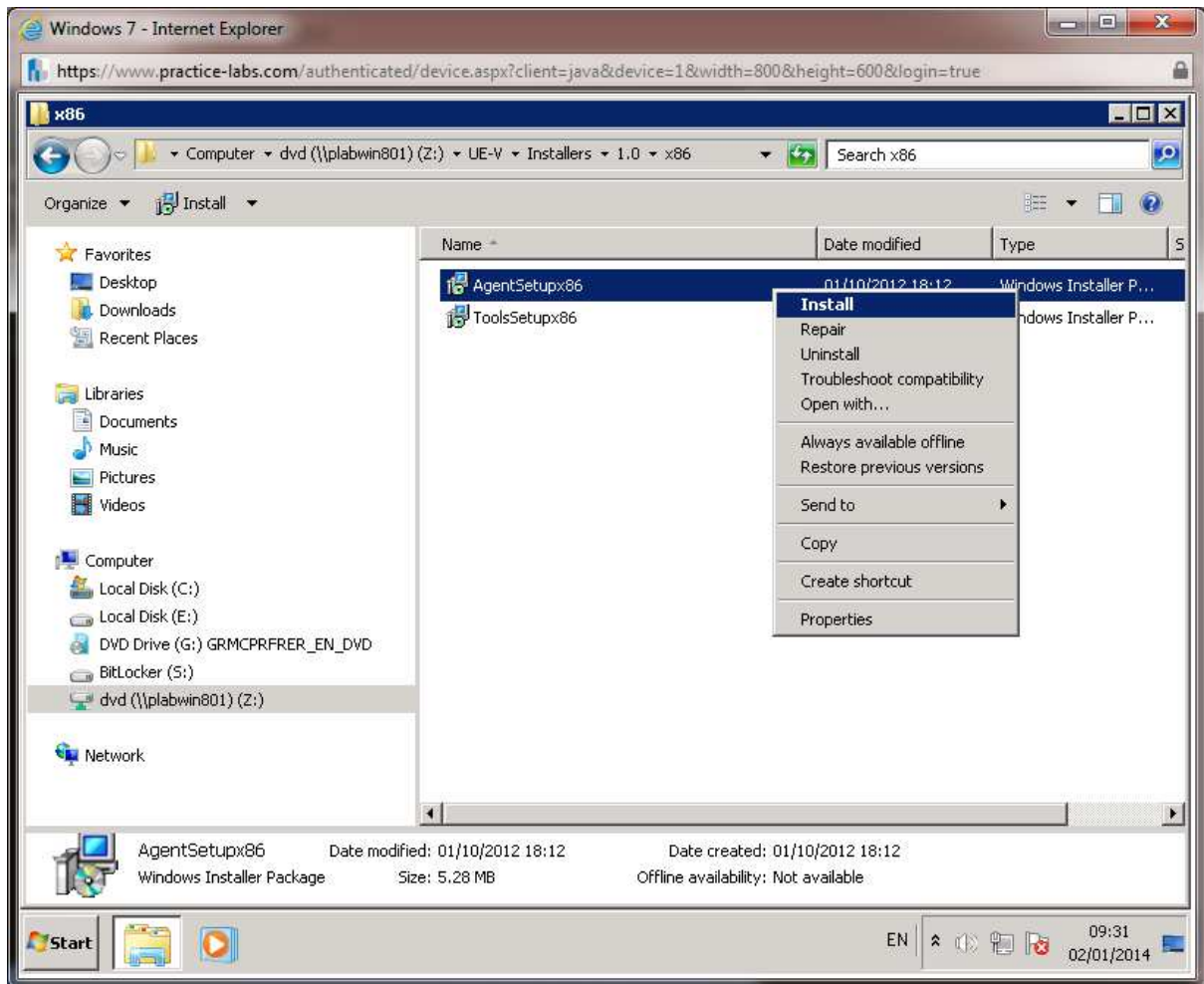
\\PLABWIN810\dvd

Click **Finish**.



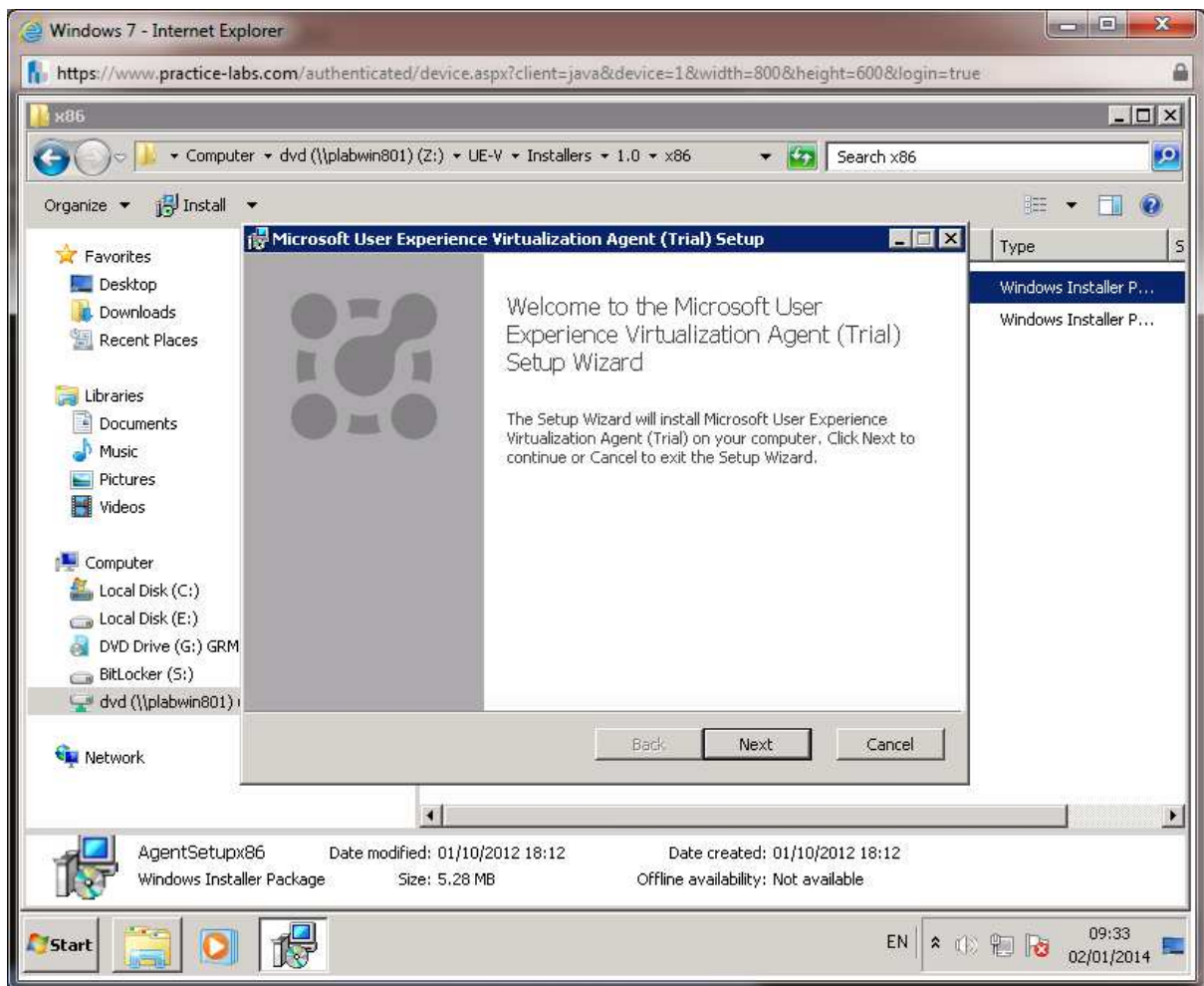
Step 24

Navigate to **Z:\UE-V\Installers\1.0\x86** and right-click on **AgentSetupx86**, choose **Install**.



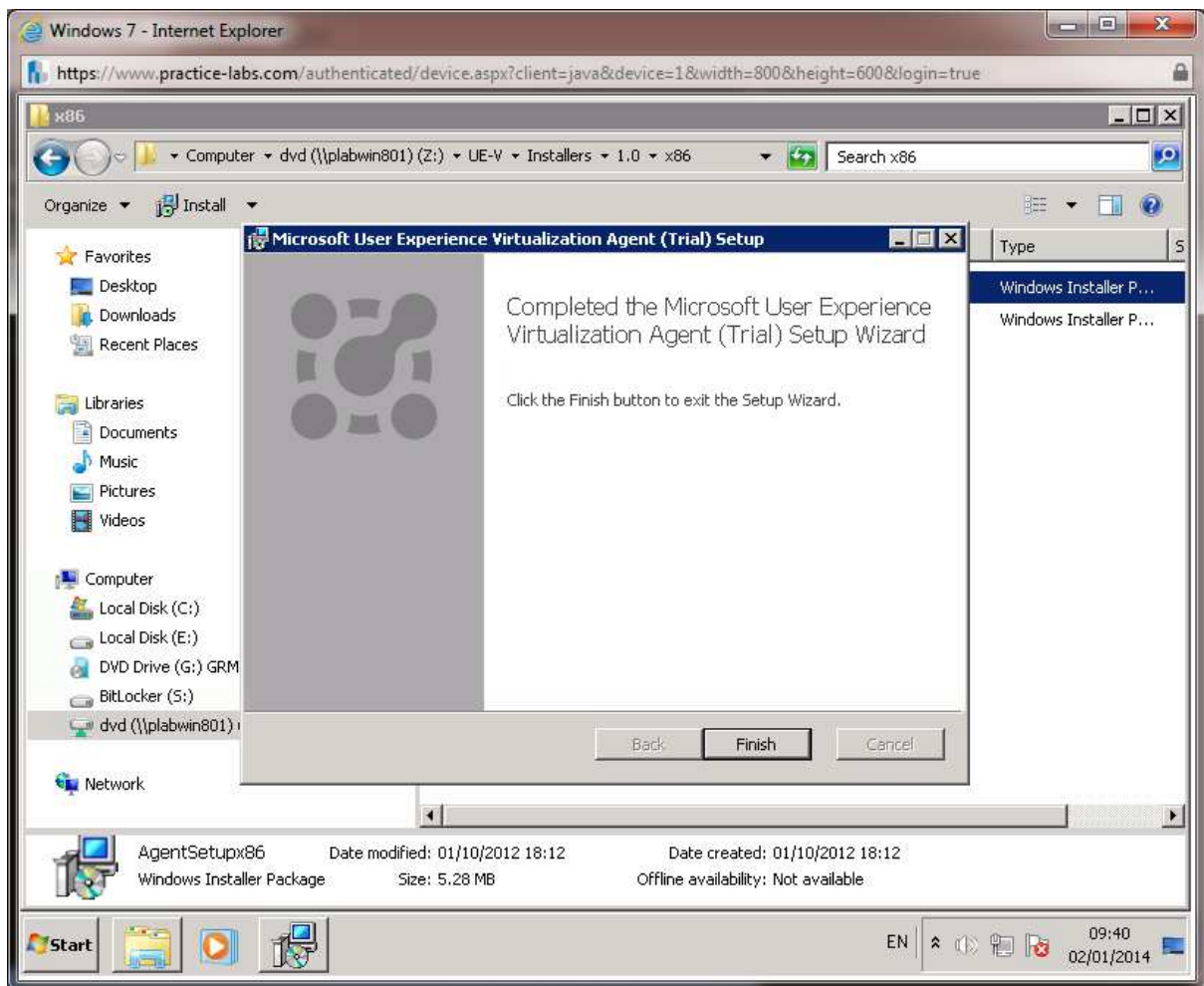
Step 25

On Welcome to the User Experience Virtualization Agent setup, click **Next**. Follow Step 11 to Step 17 to install the UE-V agent this time on **PLABWIN701**.



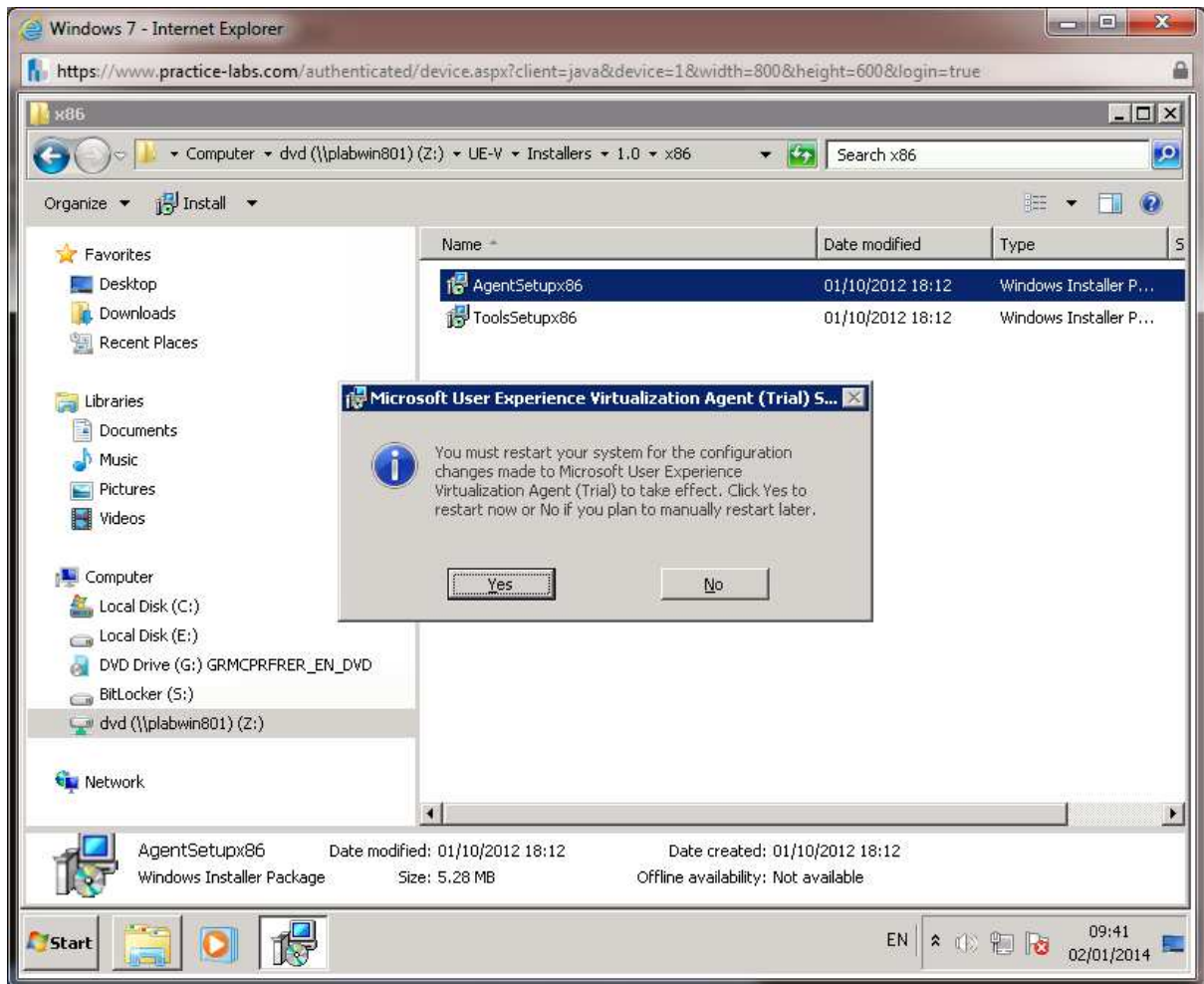
Step 26

Click **Finish** when the Agent software is installed.



Step 27

Click **Yes** to restart **PLABWIN701**. Do the same with **PLABWIN810**. Wait for about 1 minute before continuing with the next task.



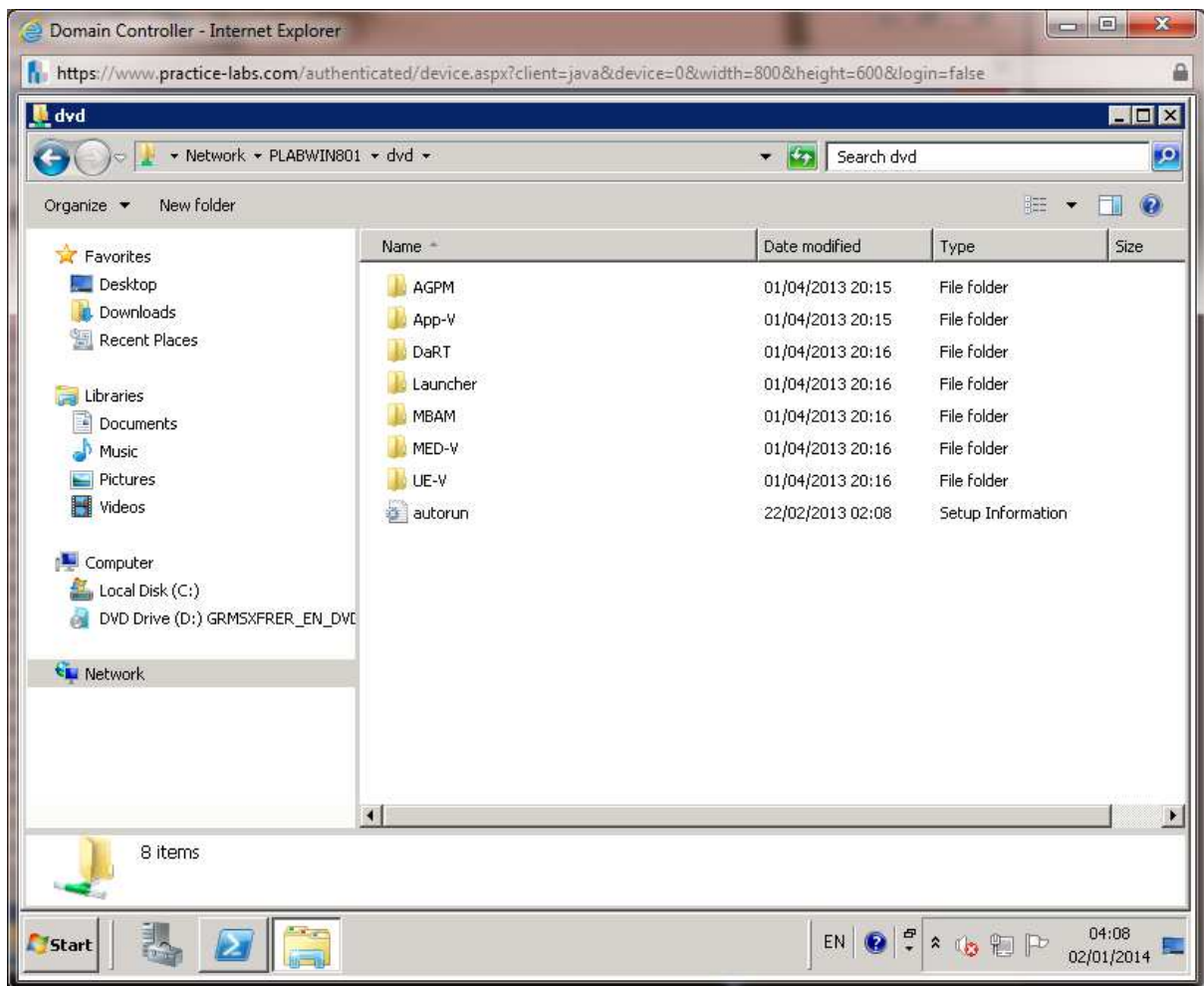
Task 4: Install UE-V Generator

Step 1

Switch to **PLABDC01**. Open **Windows Explorer**. In the address bar, type

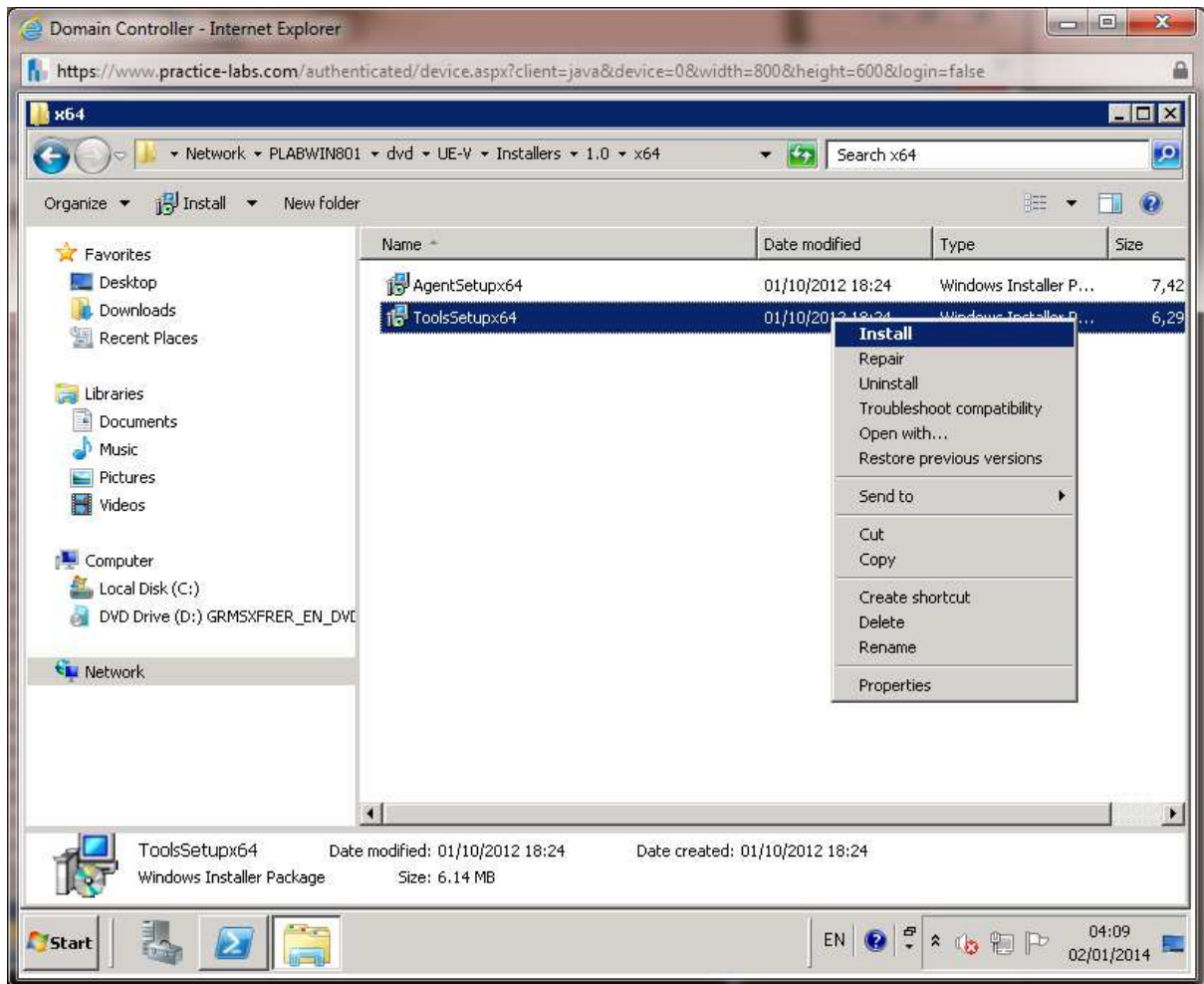
```
\\PLABWIN810\dvd
```

Press **Enter**.



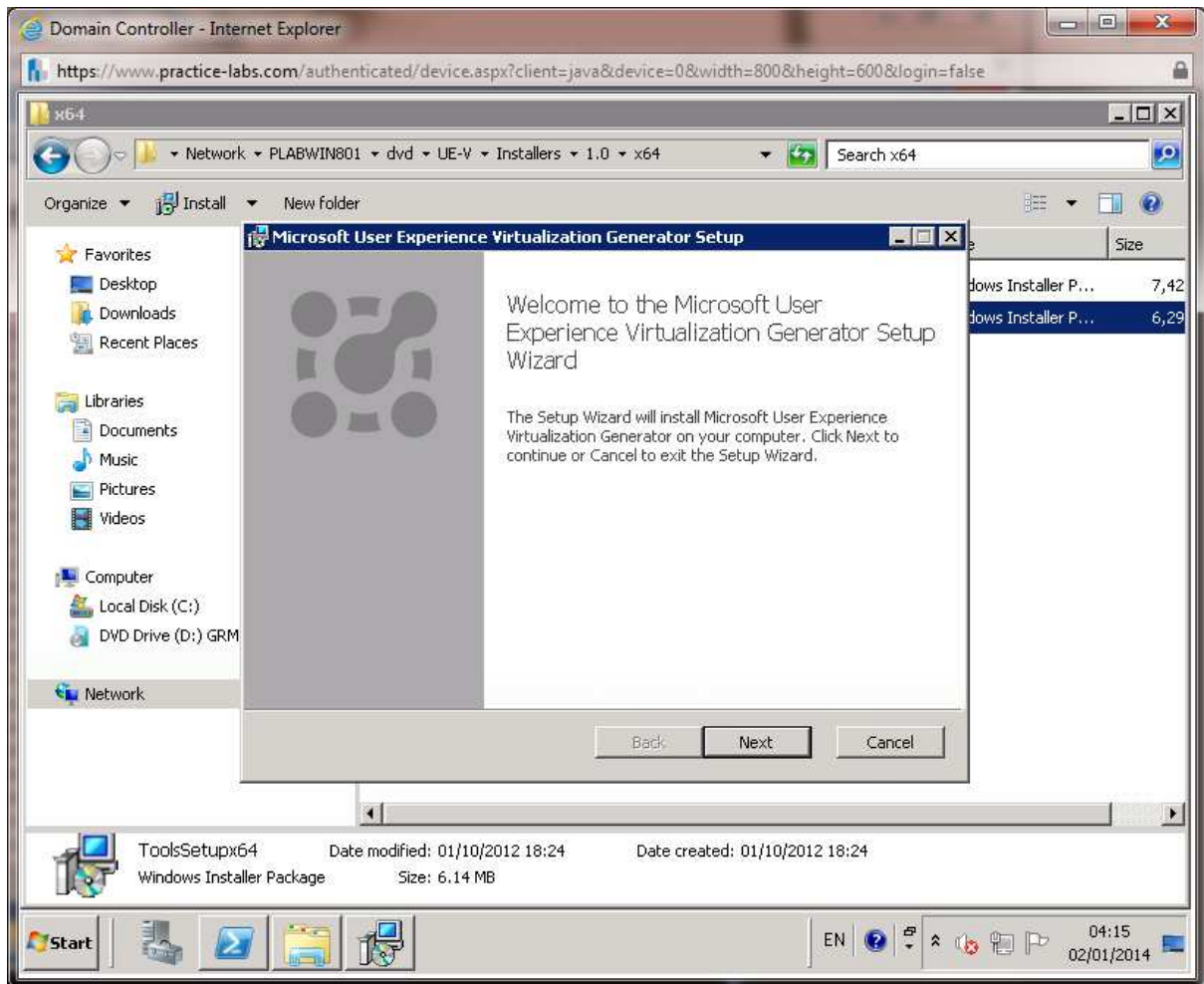
Step 2

Go to `\\PLABWIN810\dvd\UE-V\Installers\1.0\x64` path. Right-click on **ToolsSetupx64** and choose **Install**.



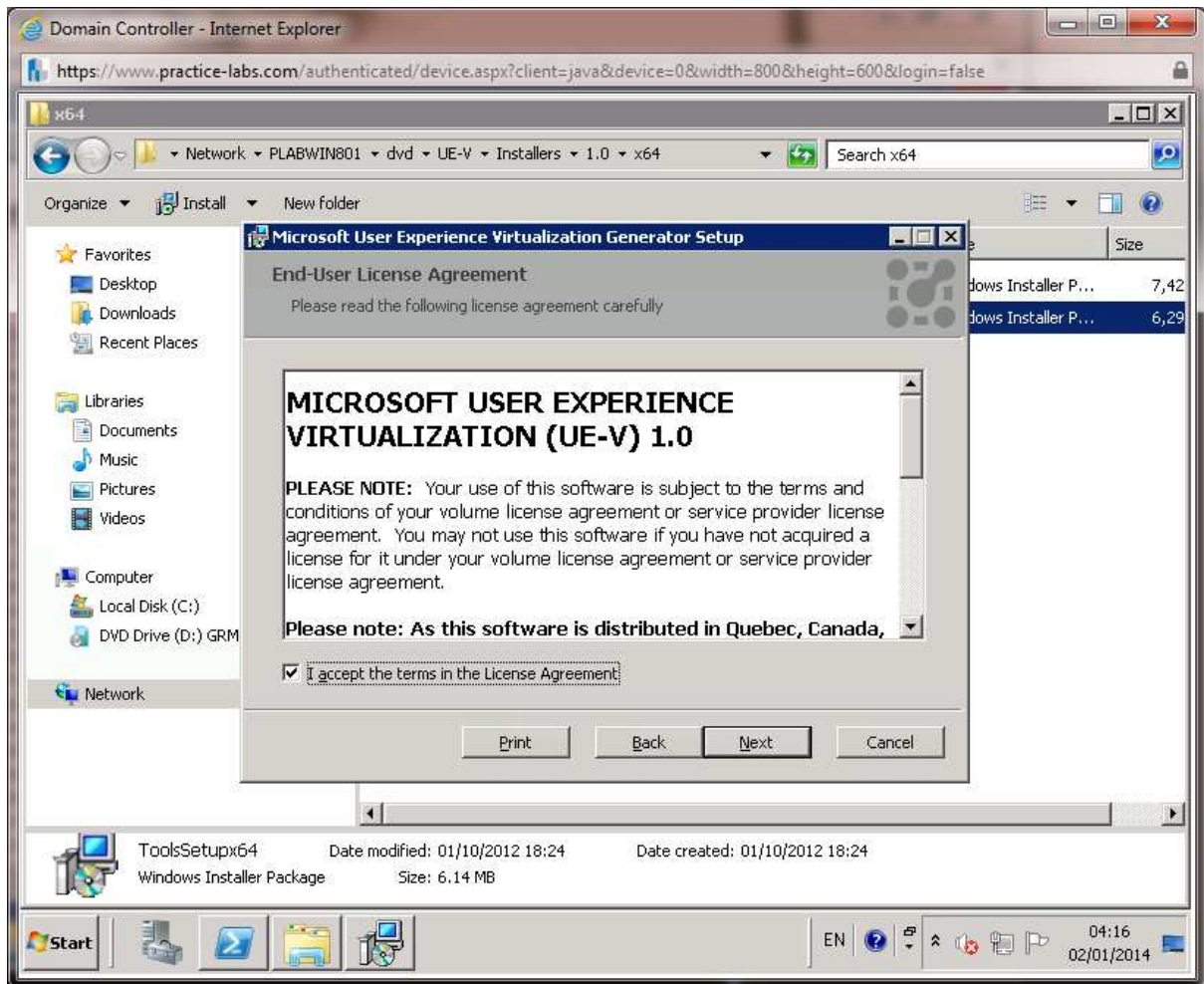
Step 3

On **Welcome to the Microsoft User Experience Virtualization Generator Setup Wizard** screen, click **Next**.



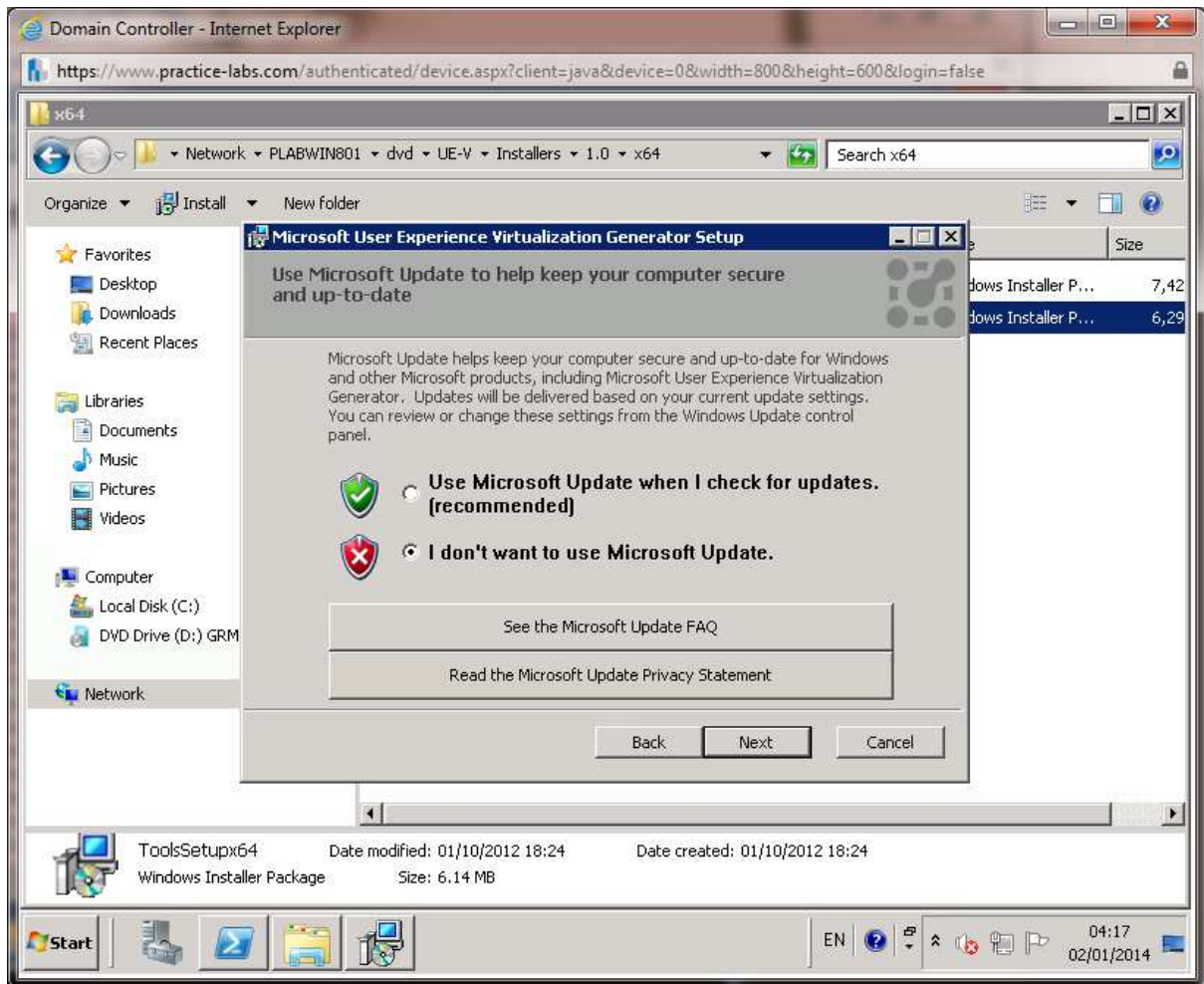
Step 4

On End-User License Agreement, select I accept the terms in the License Agreement. Click Next.



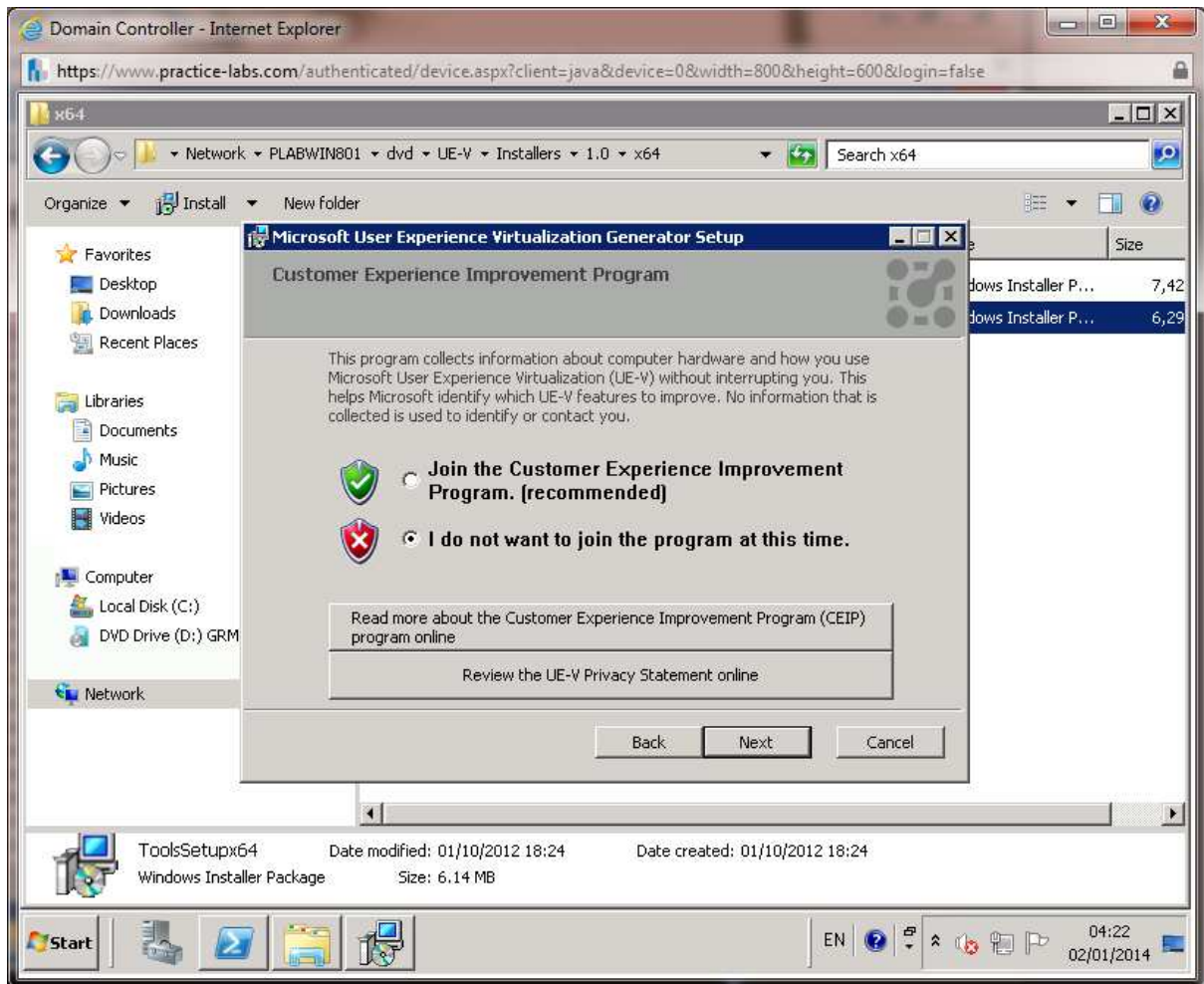
Step 5

On Use Microsoft Update page... select **I don't want to use Microsoft Update** option and click **Next**.



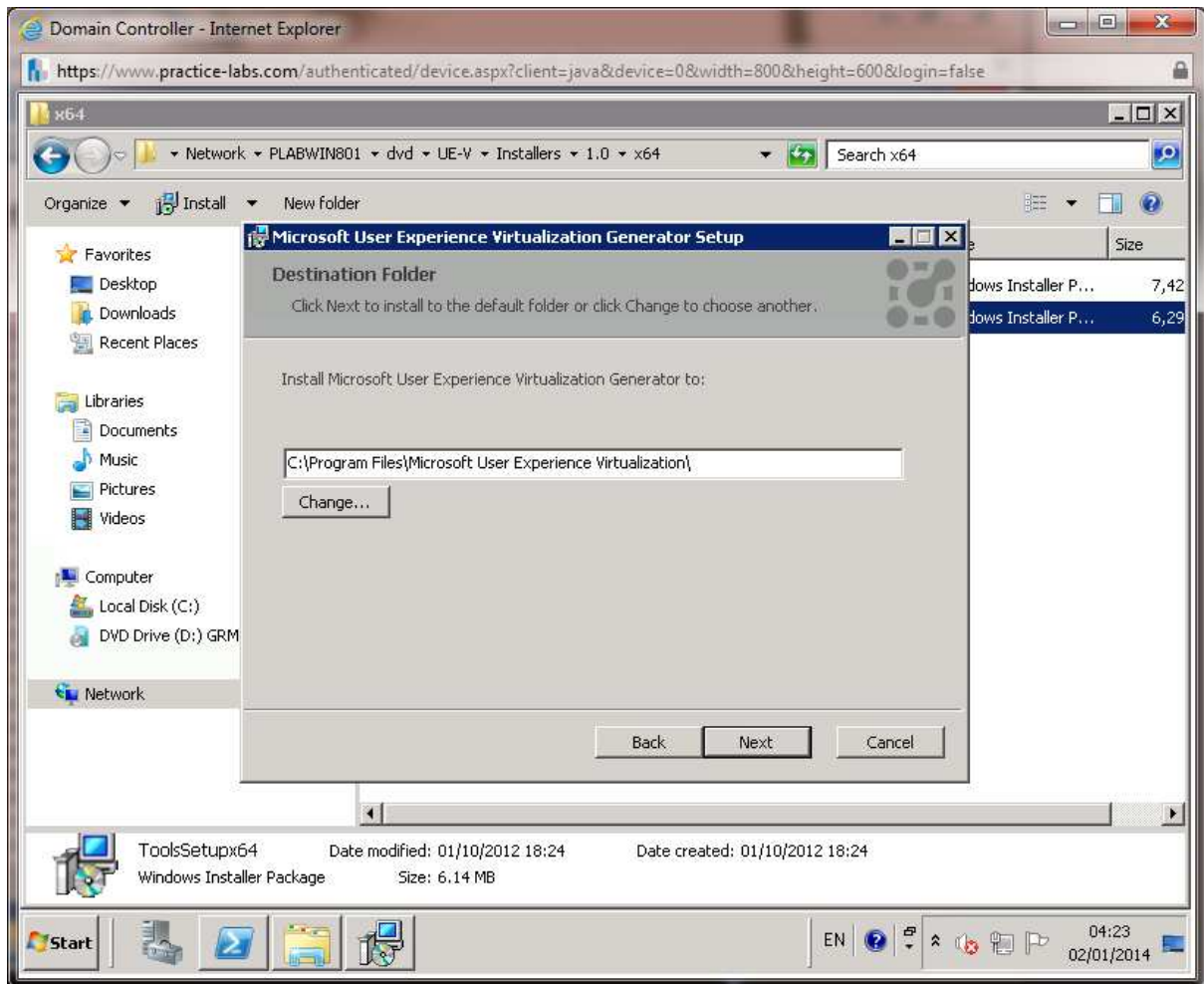
Step 6

On **Customer Experience Improvement Program**, select **I do not want to join the program at this time** option and click **Next**.



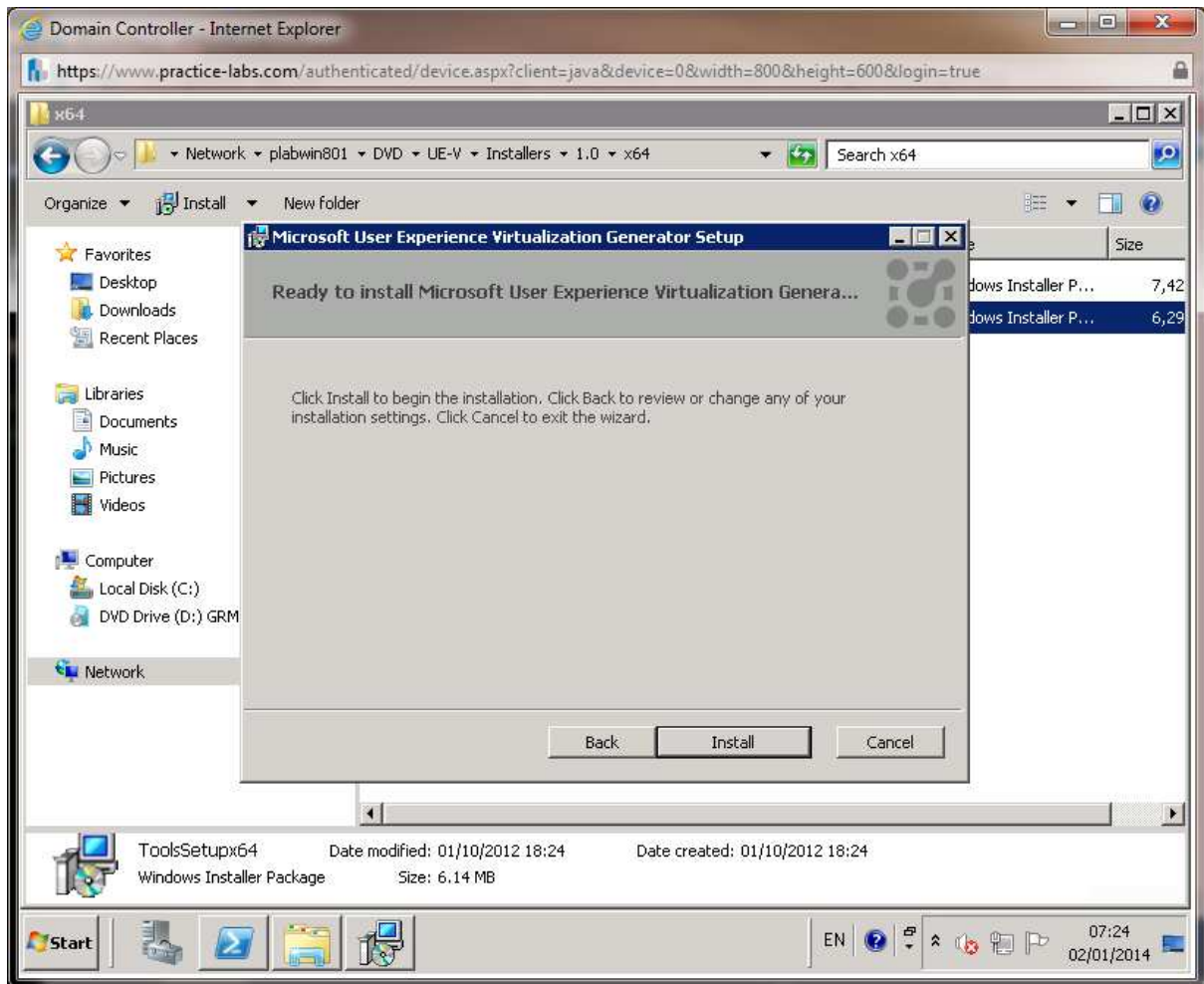
Step 7

From **Destination Folder**, accept the default settings and click **Next**.



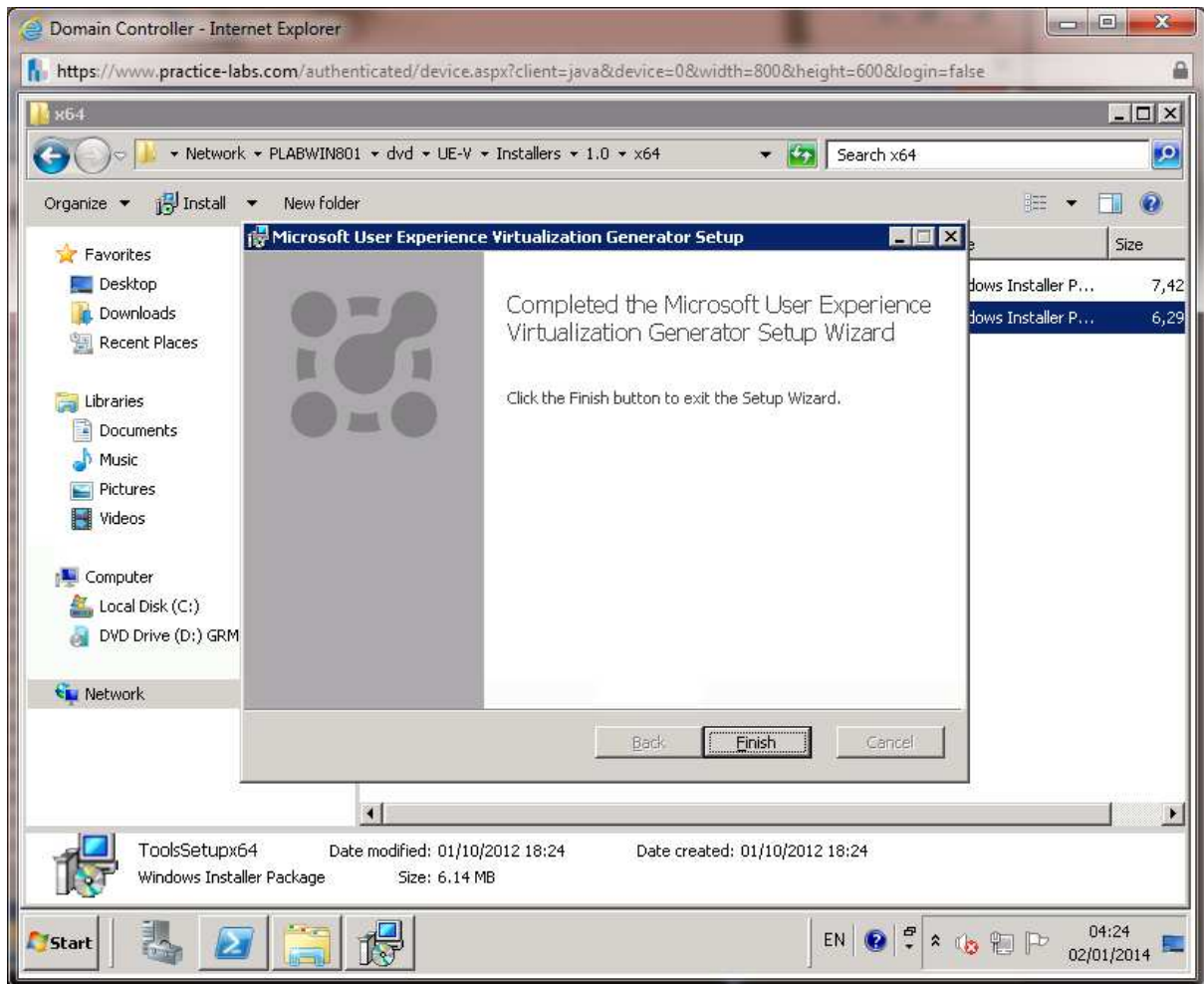
Step 8

When **Ready to install Microsoft User Experience Virtualization** is displayed, click **Install**.



Step 9

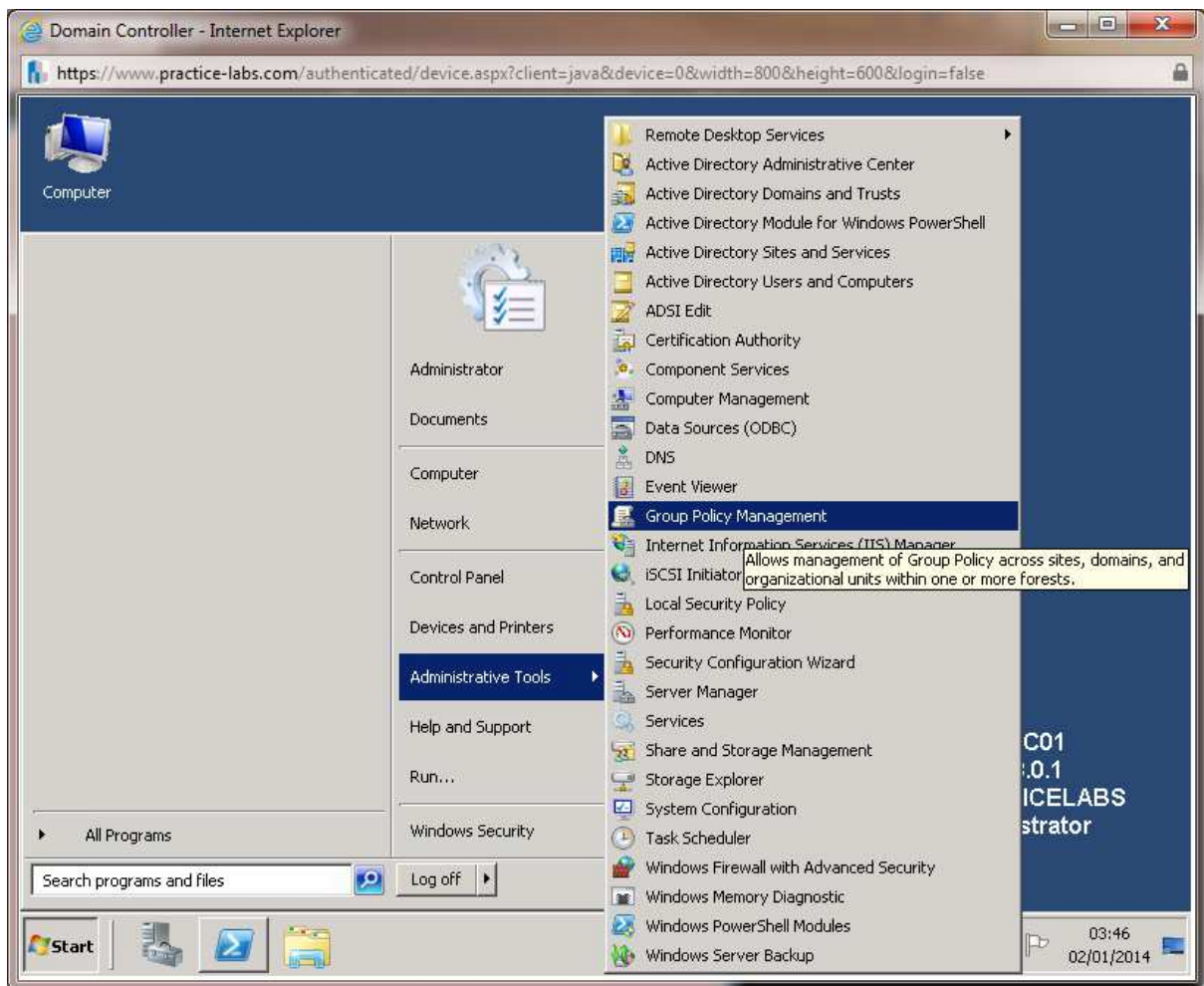
When Microsoft User Experience Virtualization Generator setup is complete, click **Finish**.



Task 5: Configure Group Policy for UE-V

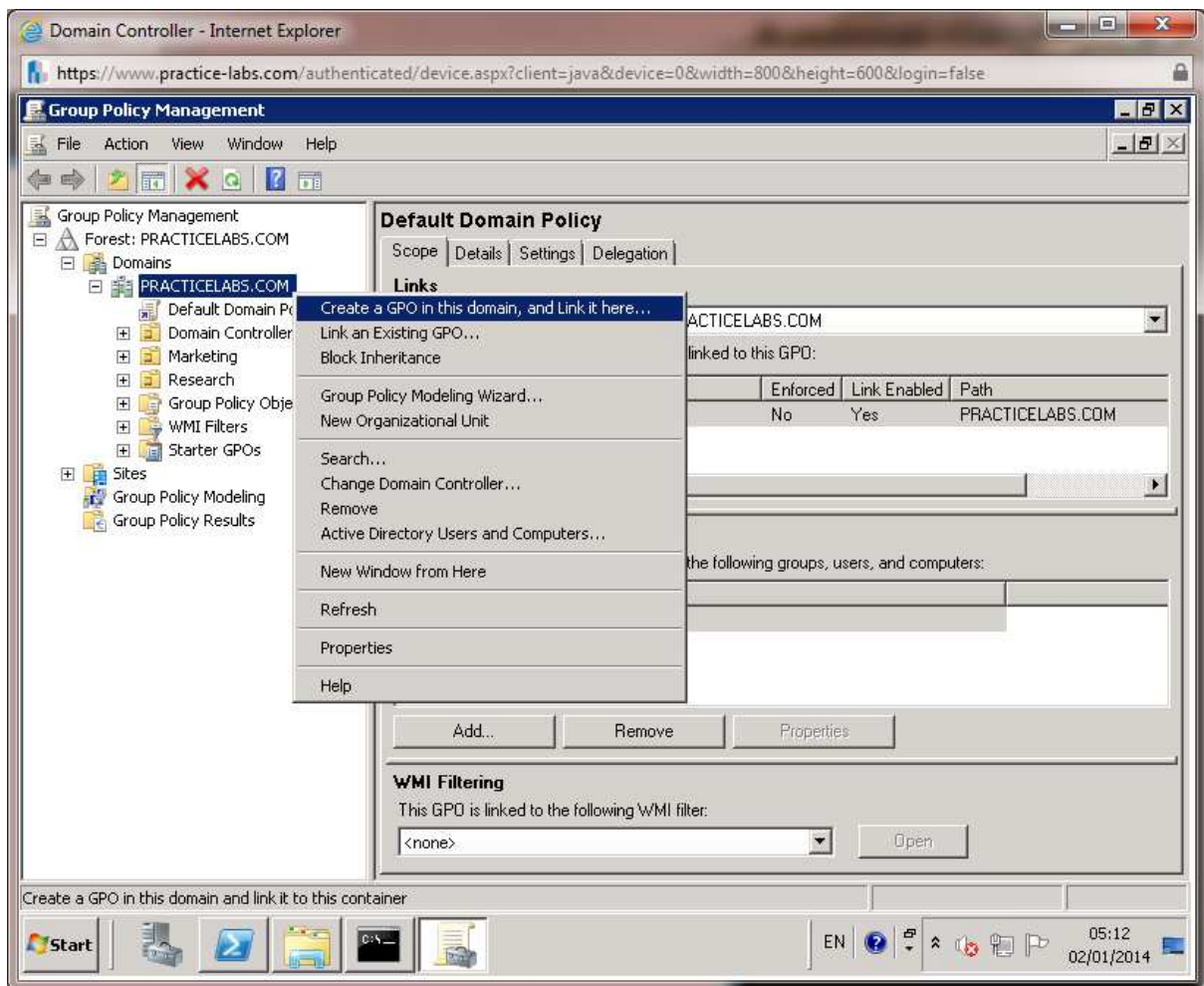
Step 1

On **PLABDC01**, go to **Start > Administrative Tools > Group Policy Management**.



Step 2

Right-click on **PRACTICELABS.COM** and choose **Create a GPO in this domain and link it here...**

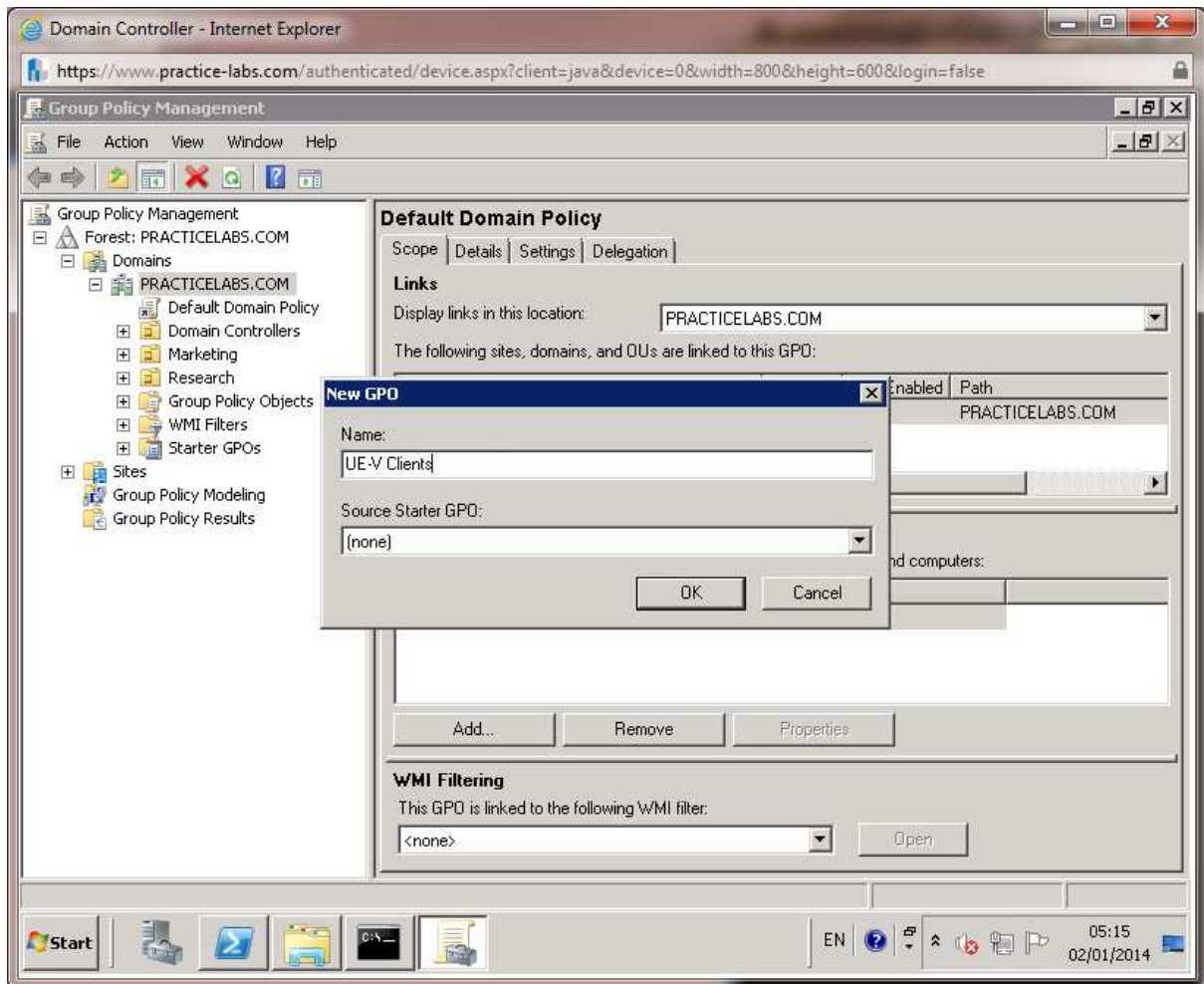


Step 3

On **New GPO** box, type

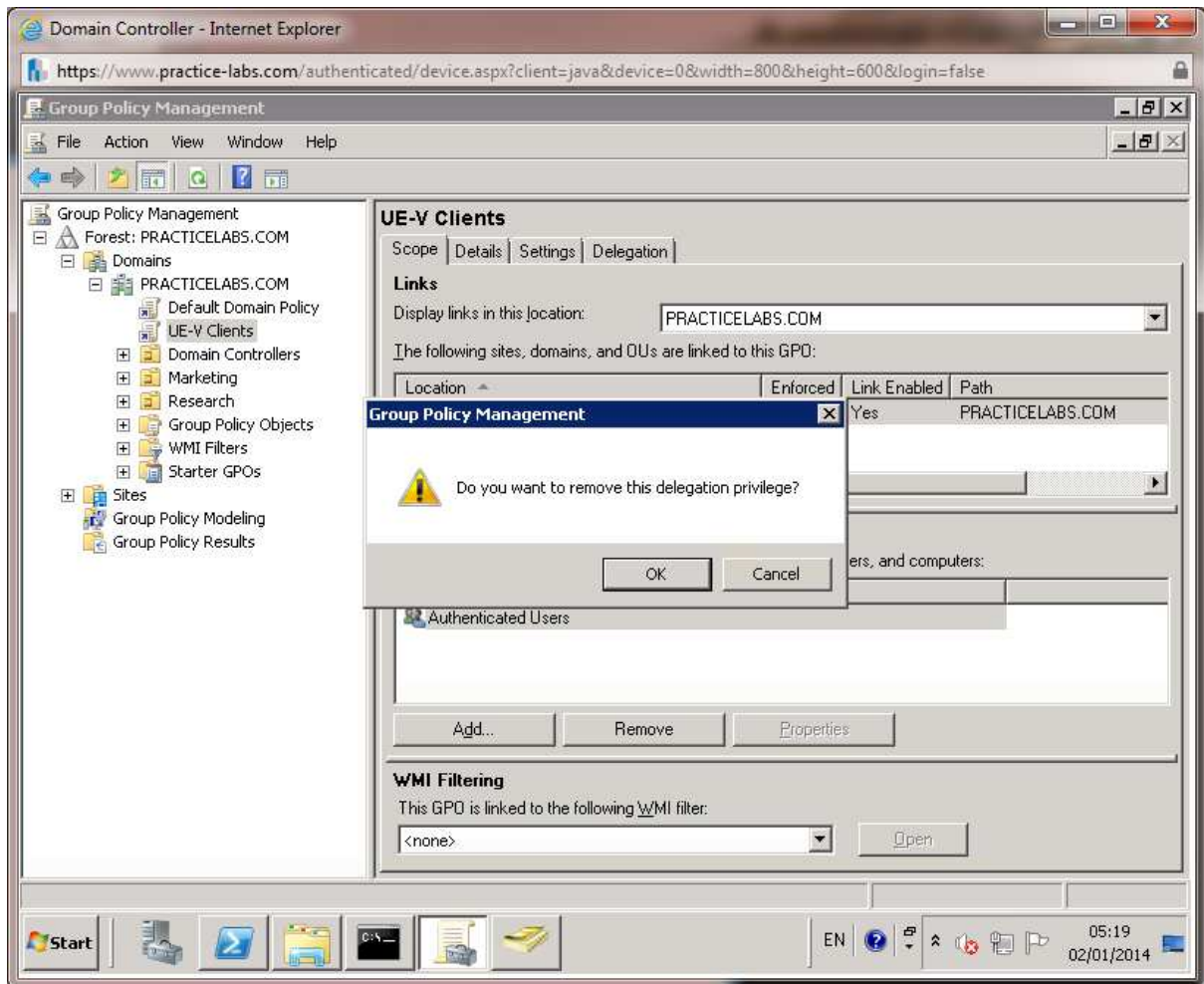
UE-V Clients

Click **OK**.



Step 4

Select **UE-V Clients** GPO link. Click **OK** if prompted about GPO links. Go to **Security Filtering** section and select **Authenticated Users**. Click **Remove**.

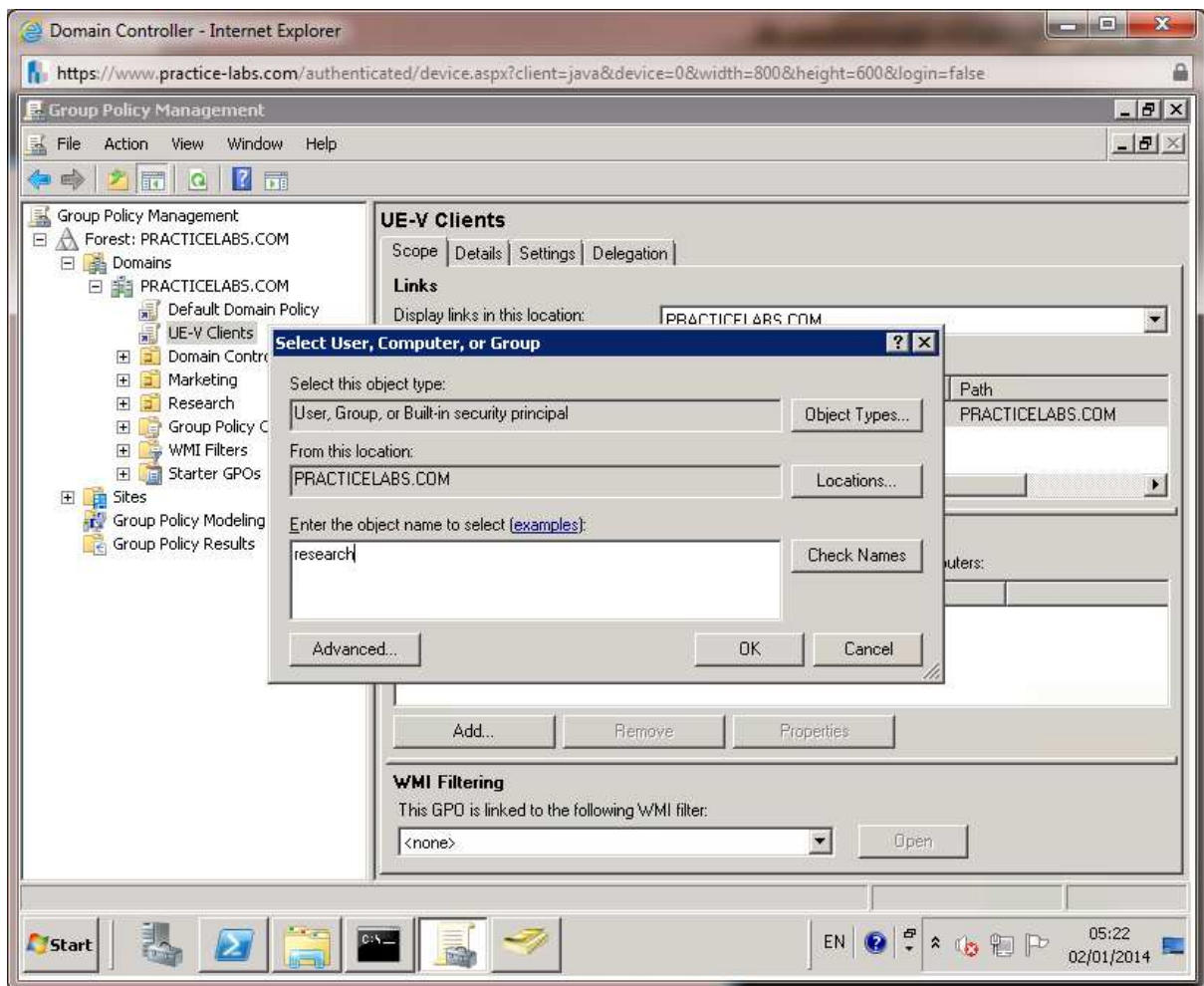


Step 6

On **Security Filtering** section, click **Add...** In **Select User, Computer, or Group** box, type

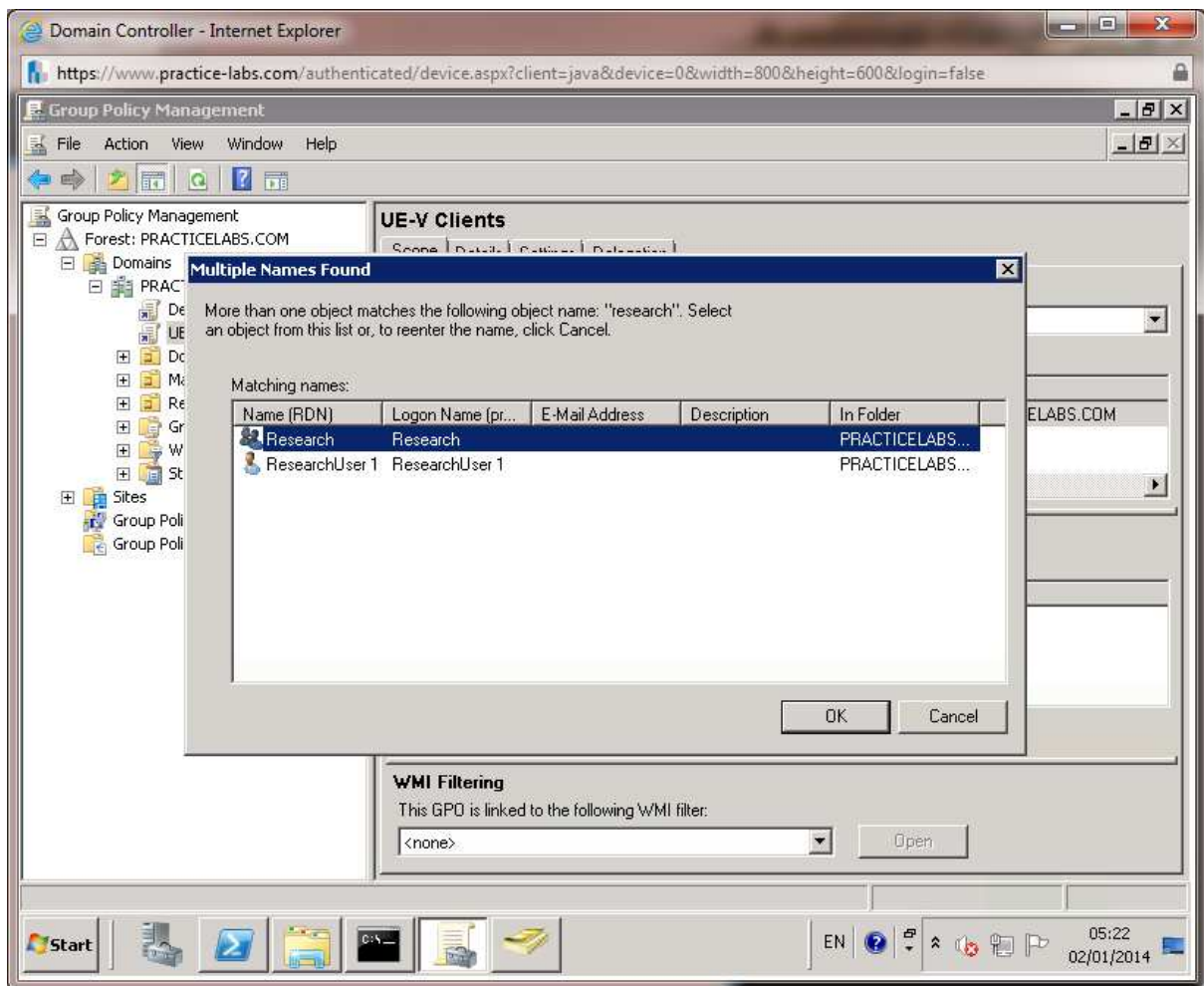
Research

Click **Check Names**.



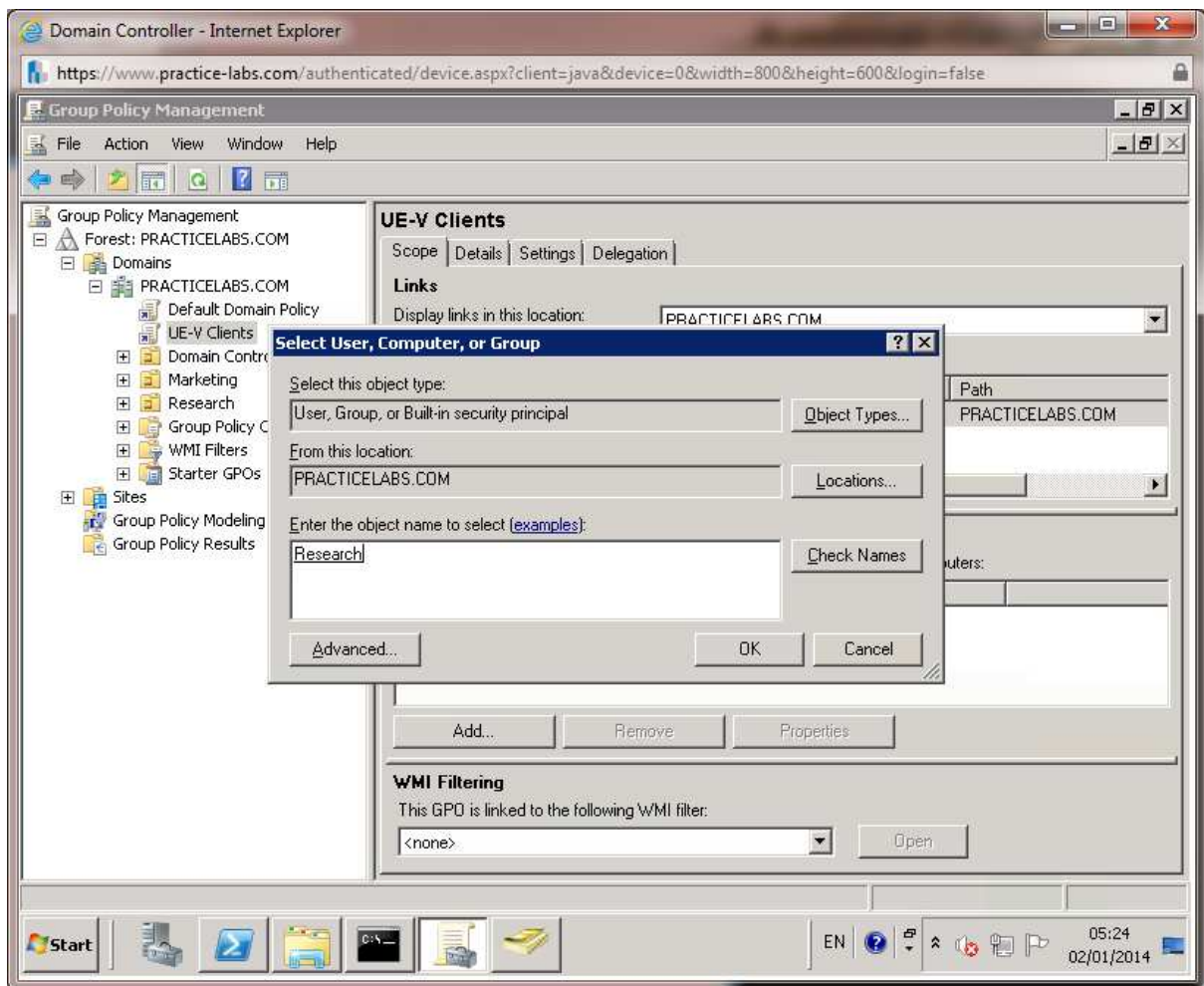
Step 7

From **Multiple Names Found** page, click **Research** and then choose **OK**.



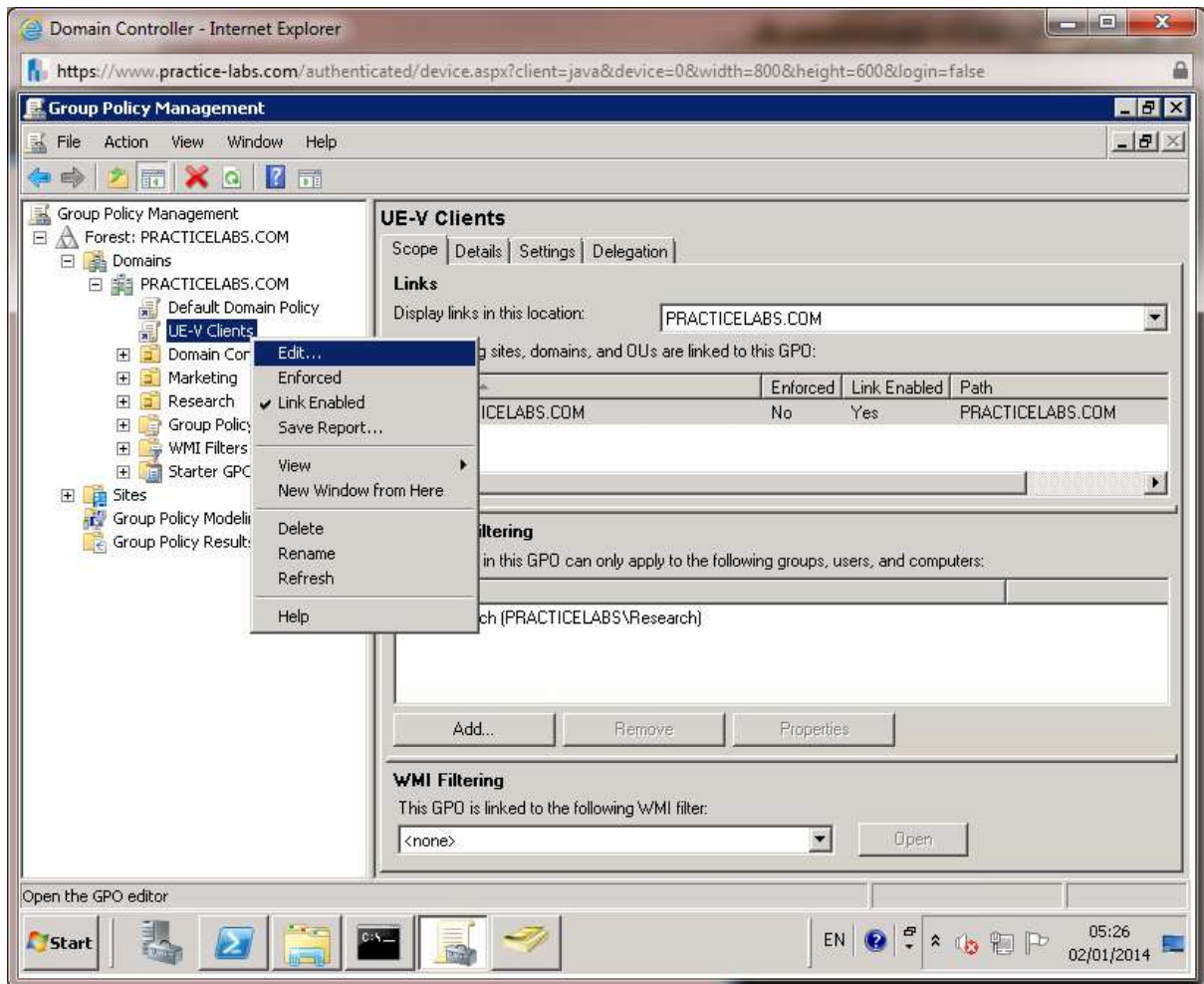
Step 8

Back in **Select User, Computer or Group**. When **Research** is underlined, click **OK**.



Step 9

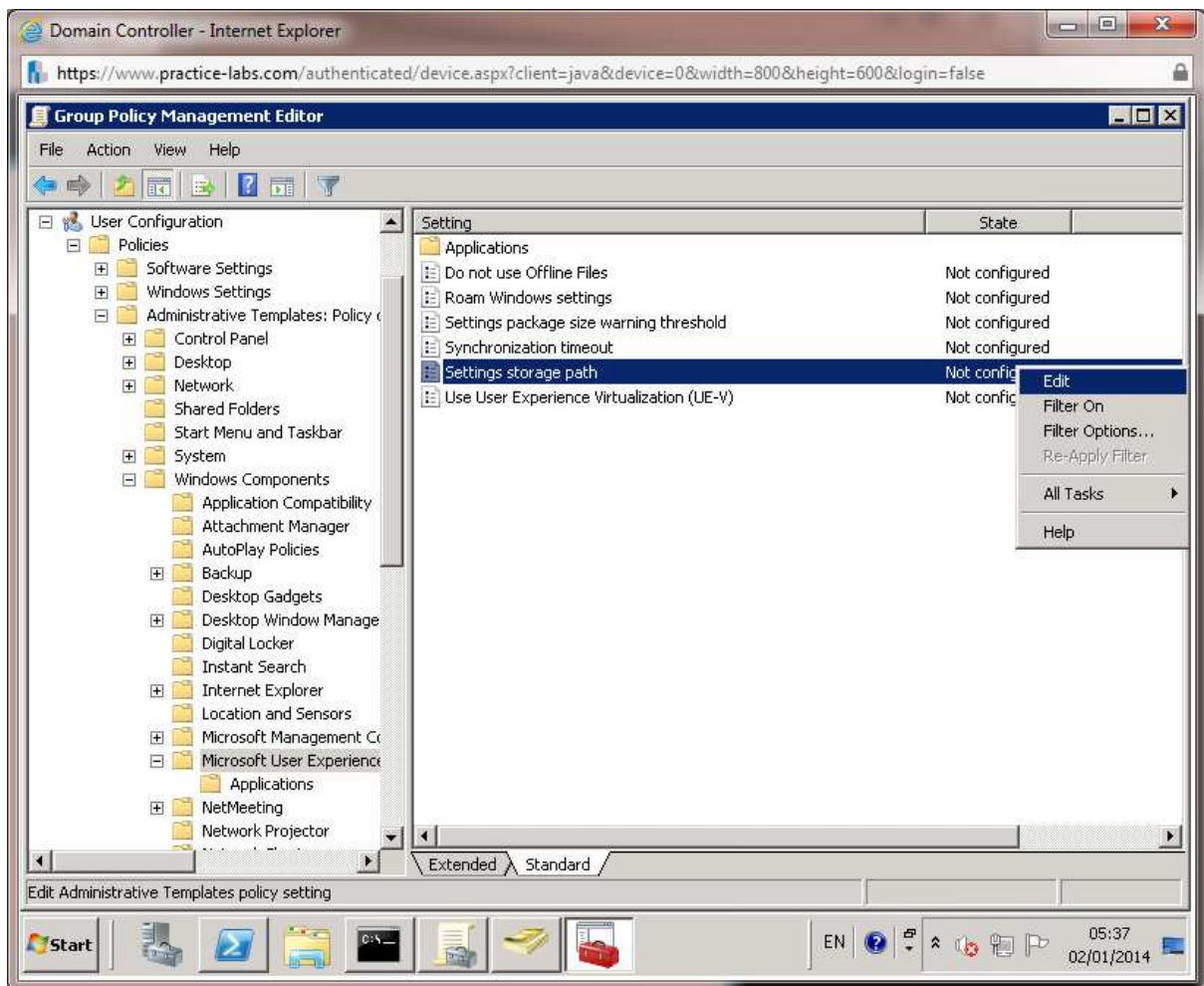
Right-click on **UE-V Clients** and choose **Edit...**



Step 10

From **Group Policy Management Editor**, navigate to **User Configuration > Policies > Administrative Templates > Windows Components > Microsoft User Experience Virtualization**.

Right-click on **Settings storage path** and choose **Edit**.



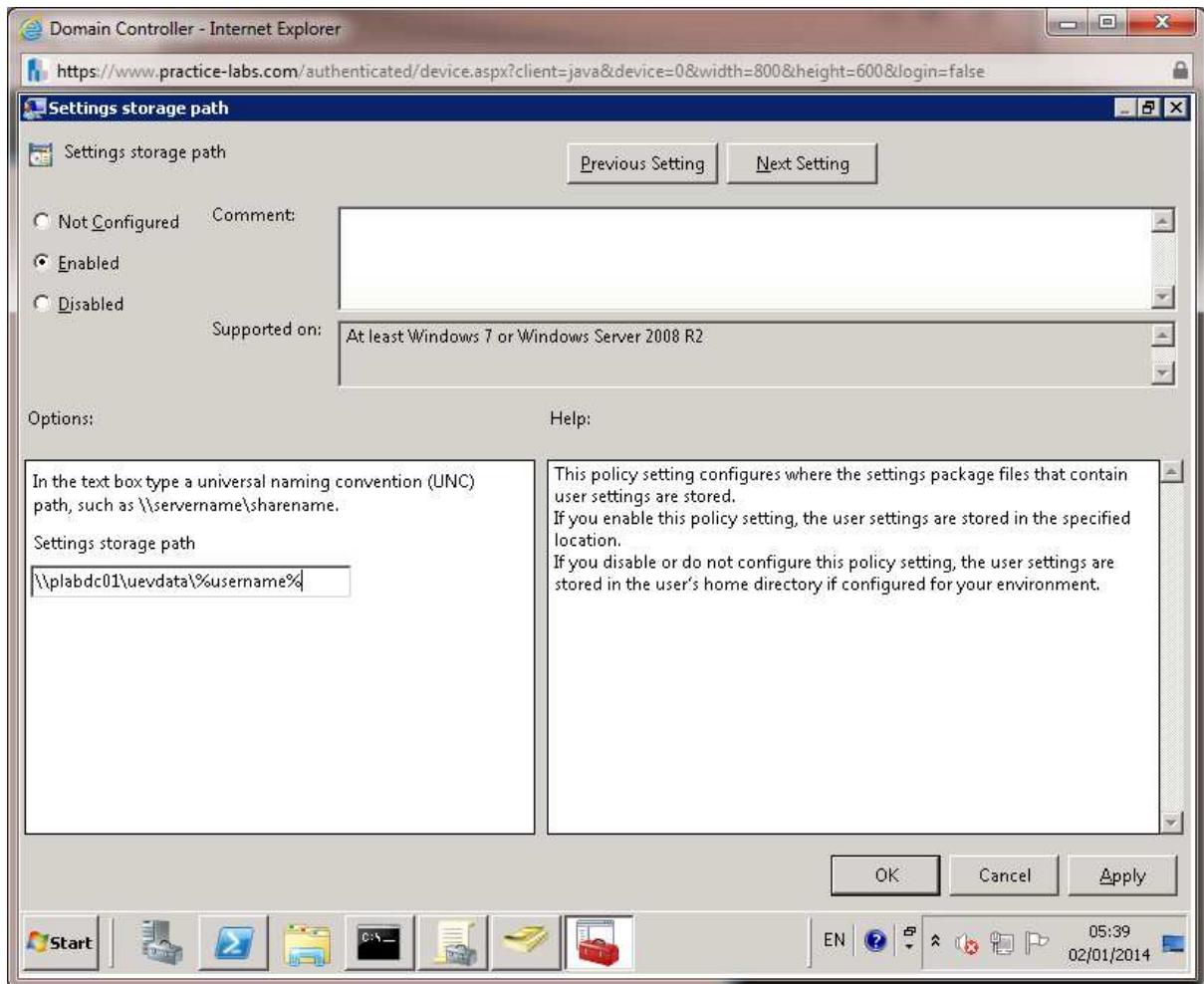
Step 11

On **Settings storage path**, use the following settings:

Enabled

Settings storage path: `\\plabdc01\uevdata\%username%`

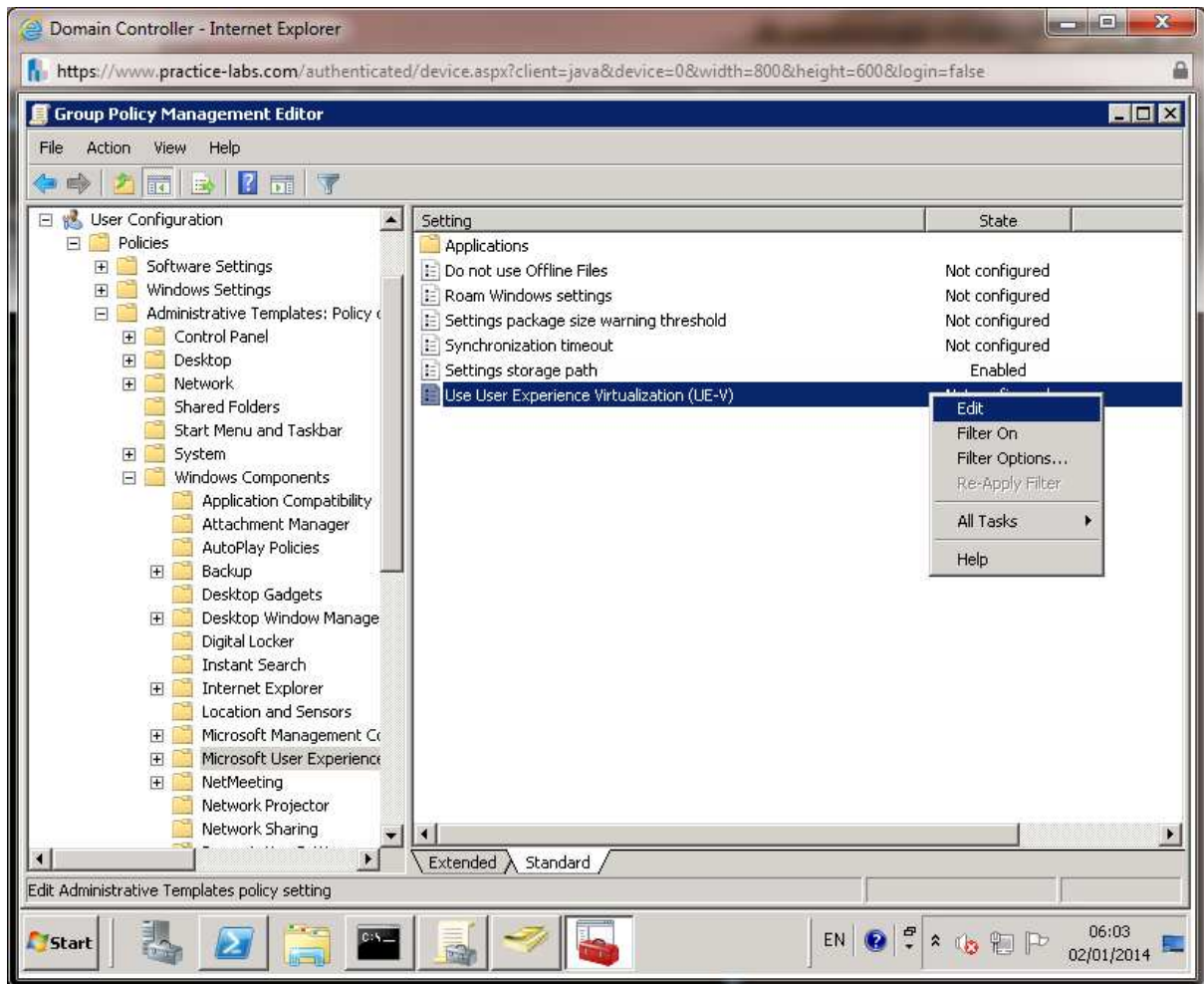
Click **OK**.



Step 12

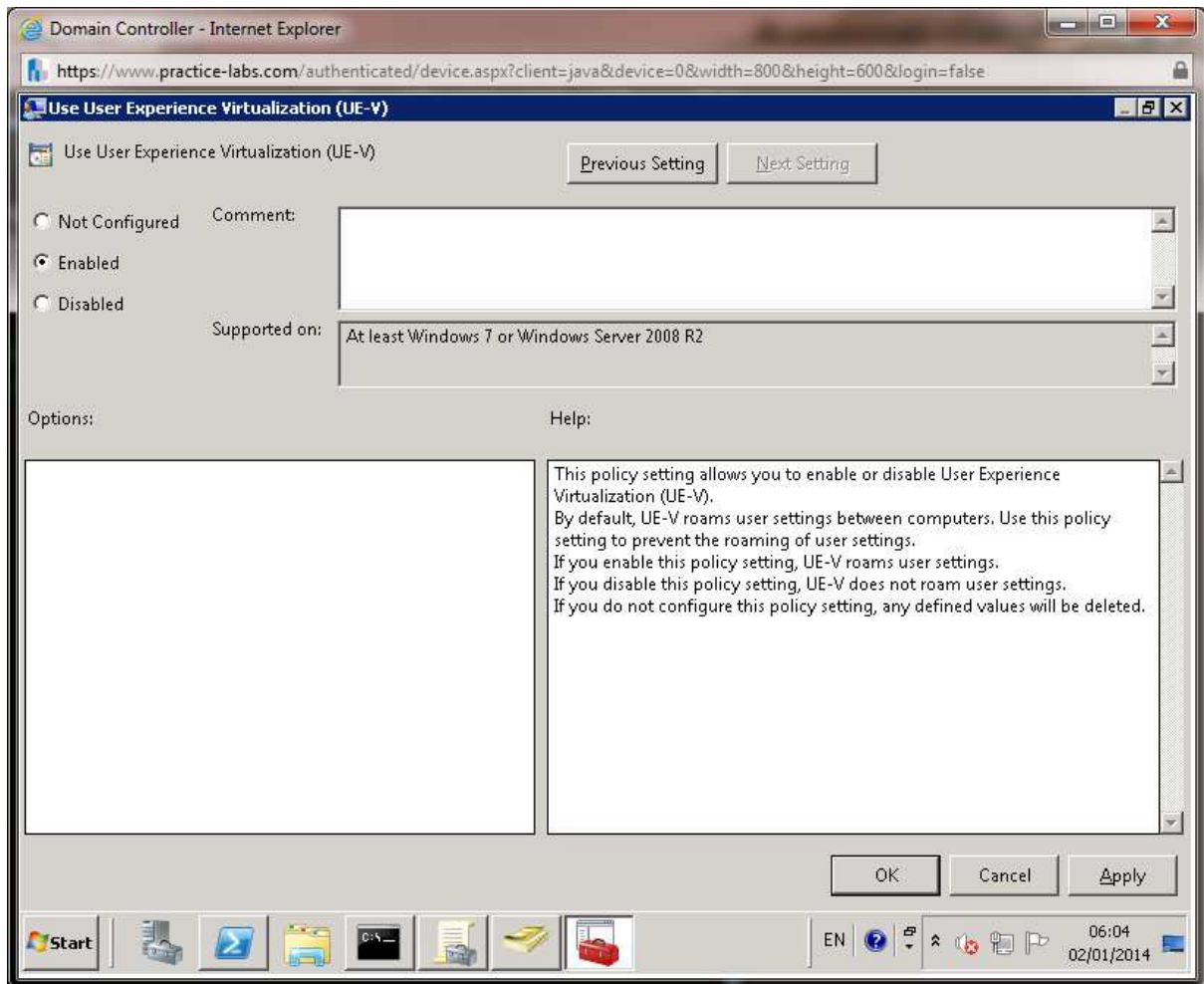
Back in **Group Policy Management Editor**, navigate to **User Configuration > Policies > Administrative Templates > Windows Components > Microsoft User Experience Virtualization**.

Right-click on **Use User Experience Virtualization (UE-V)** and choose **Edit**.



Step 13

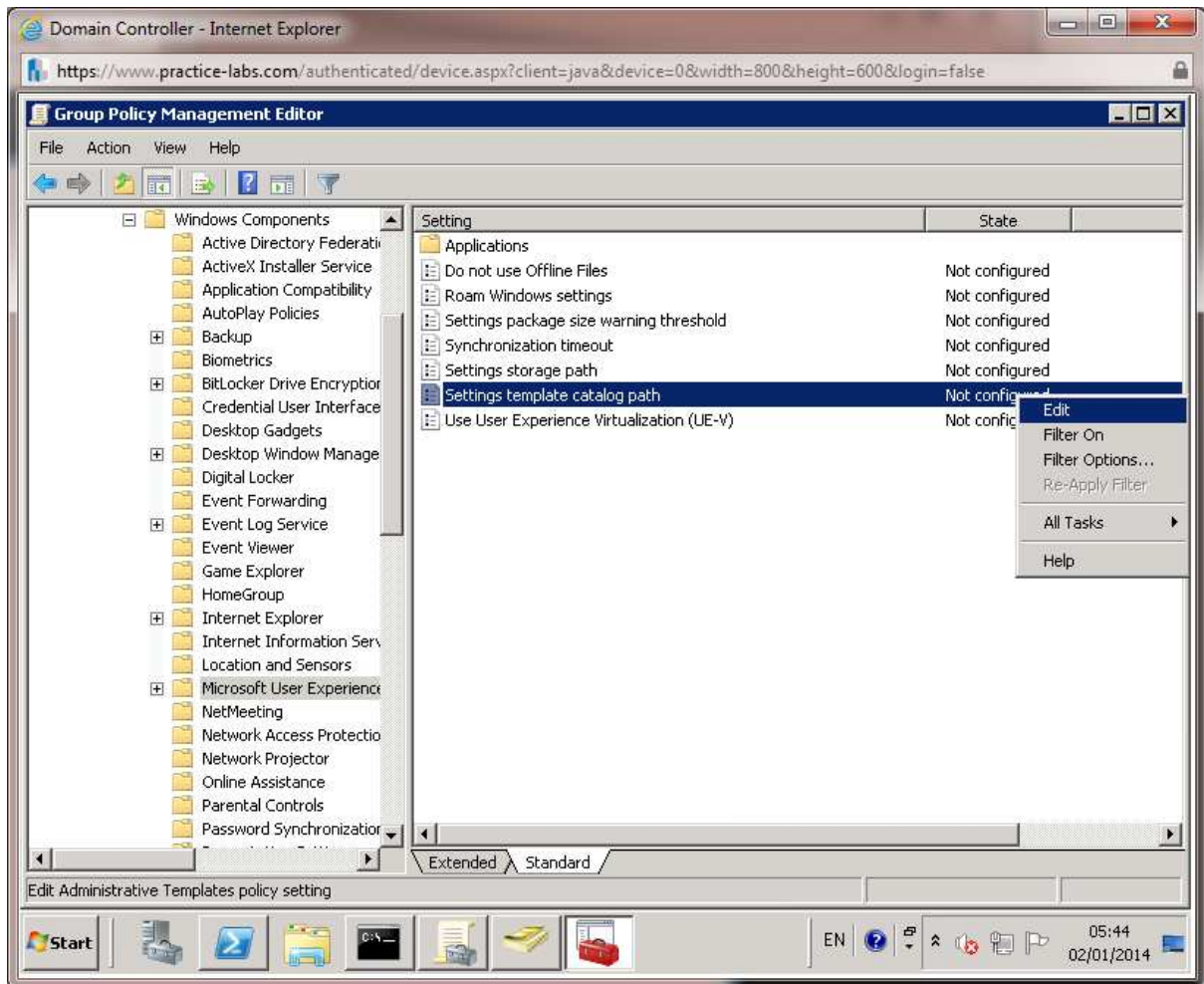
From **Use User Experience Virtualization (UE-V)**, select **Enabled** and then click **OK**.



Step 14

Back in **Group Policy Management Editor**, navigate to **Computer Configuration > Policies > Administrative Templates > Windows Components > Microsoft User Experience Virtualization**.

Right-click on **Settings template catalog path** and choose **Edit**.



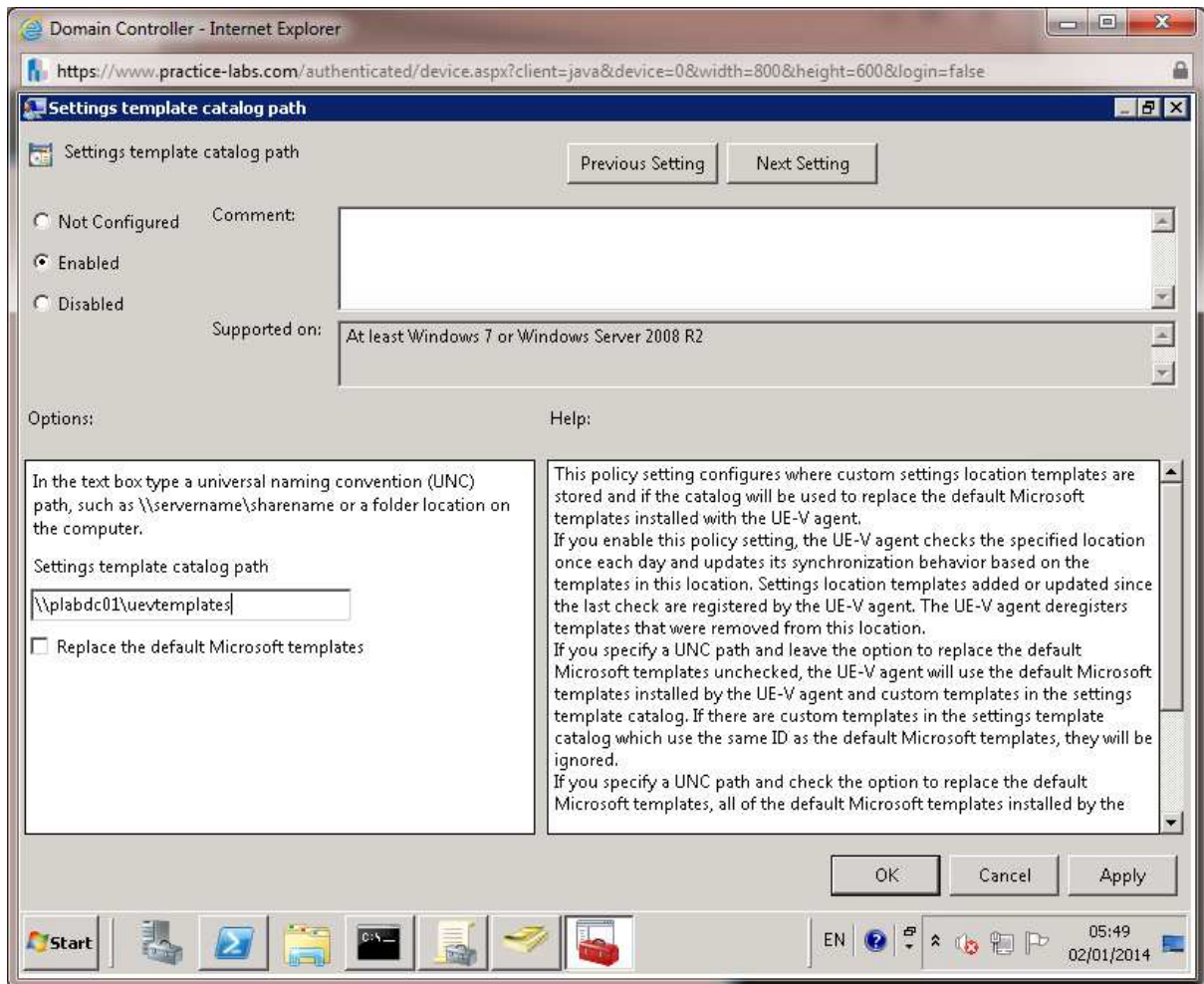
Step 15

On **Settings template catalogue path**, use the following settings:

Enabled

Settings template catalogue path: **\\plabdc01\uevtemplates**

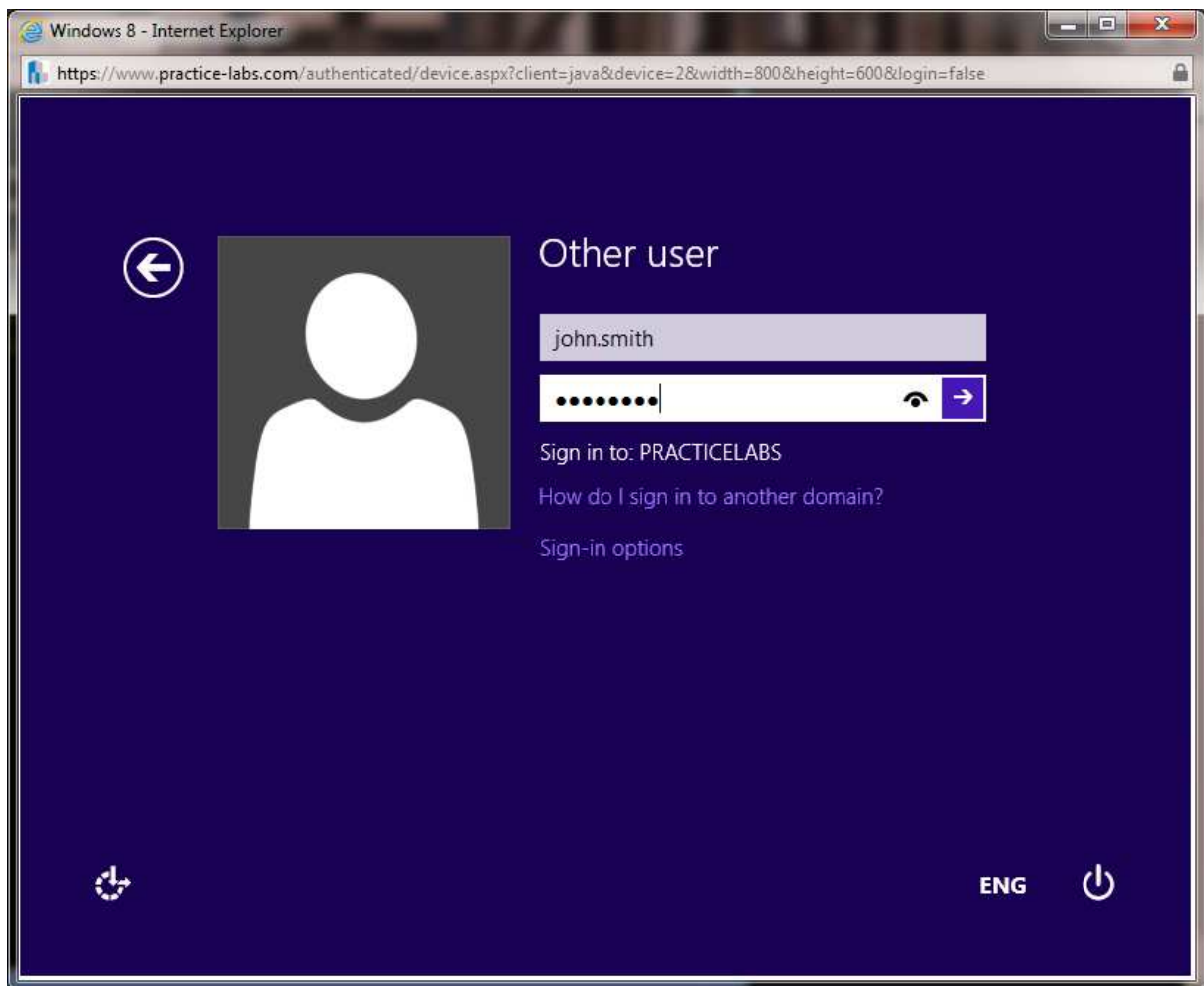
Click **OK**. Close Group Policy Management Editor and Group Policy Management console.



Task 6: Using UE-V to synchronize settings

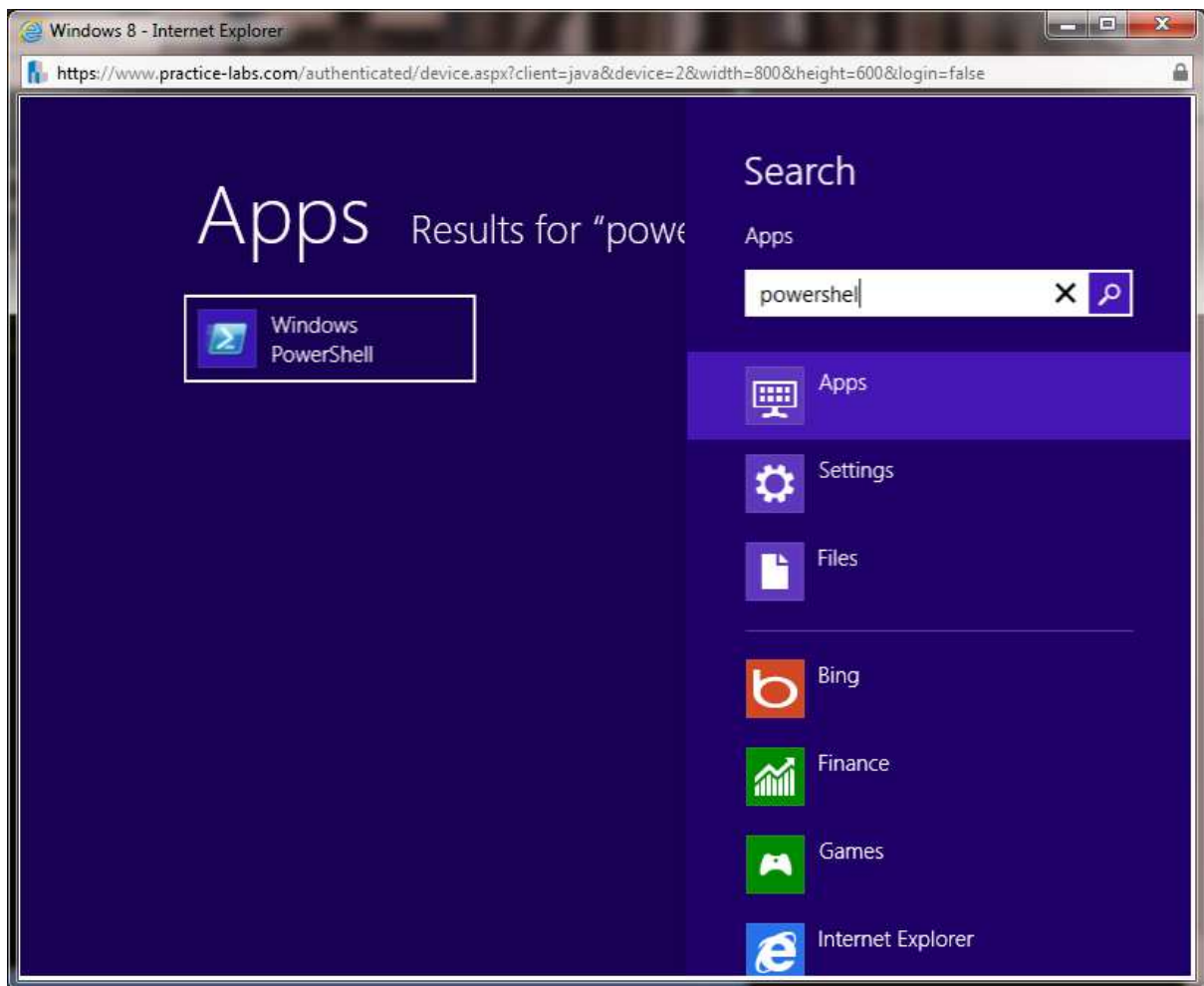
Step 1

Sign out Administrator from PLABWIN810. Sign back in to **PLABWIN810** as **practicelabs\john.smith**, password is **Passw0rd**.



Step 2

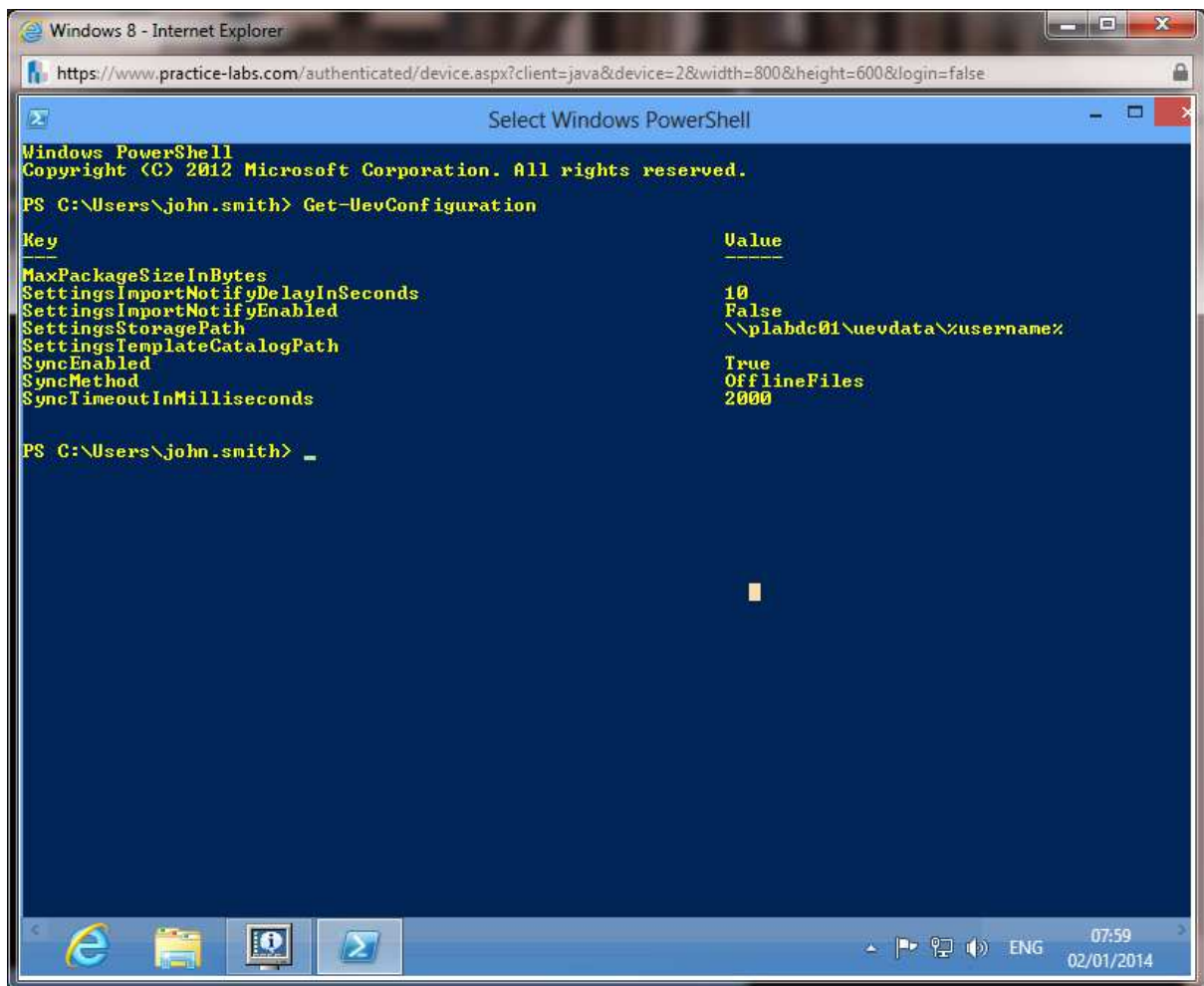
From Start screen type **powershell** and press **Enter**.



Step 3

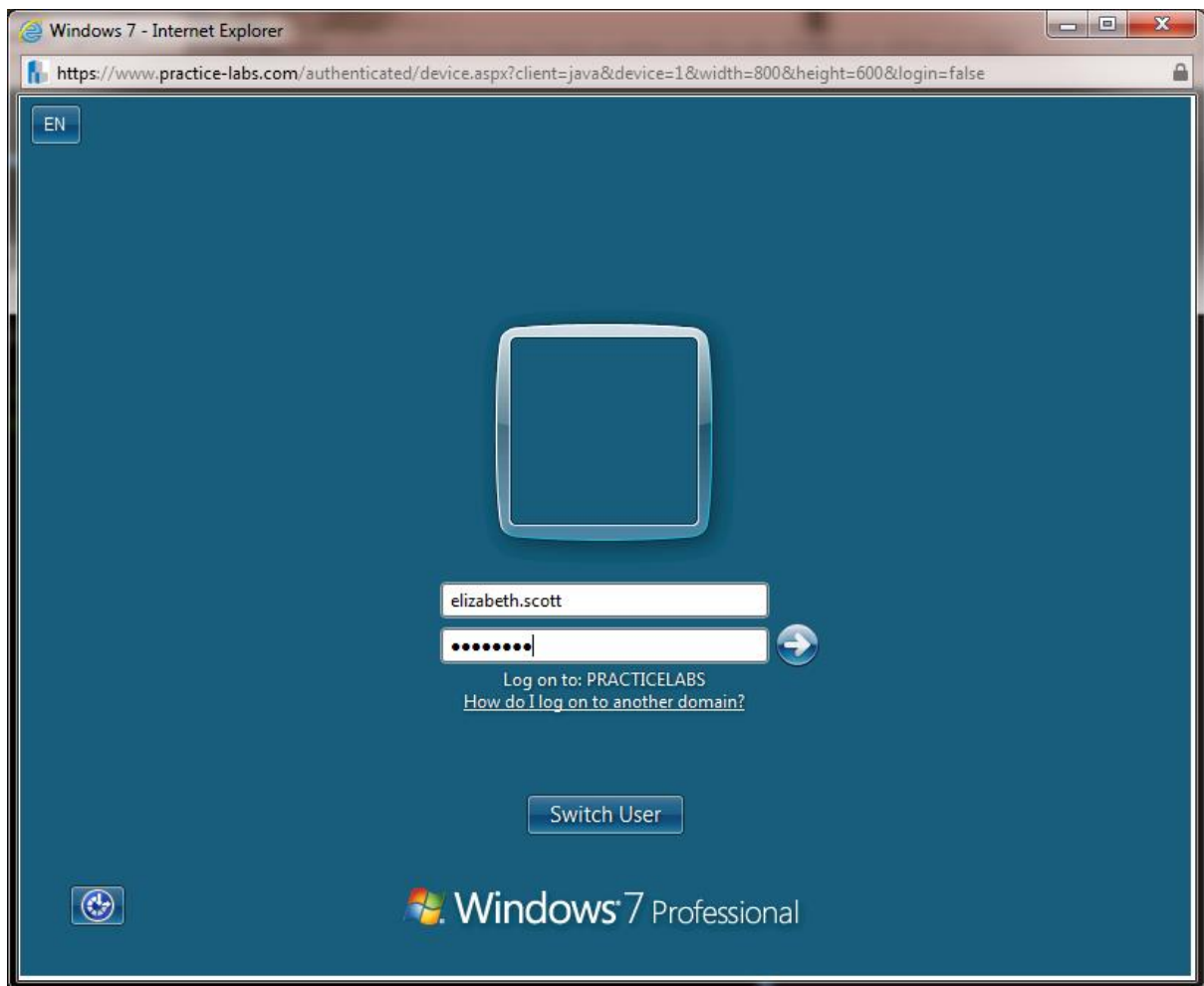
To verify the UEV Configuration that was setup earlier via GPO, type the following cmdlets and press **Enter**.

```
Get-UevConfiguration
```



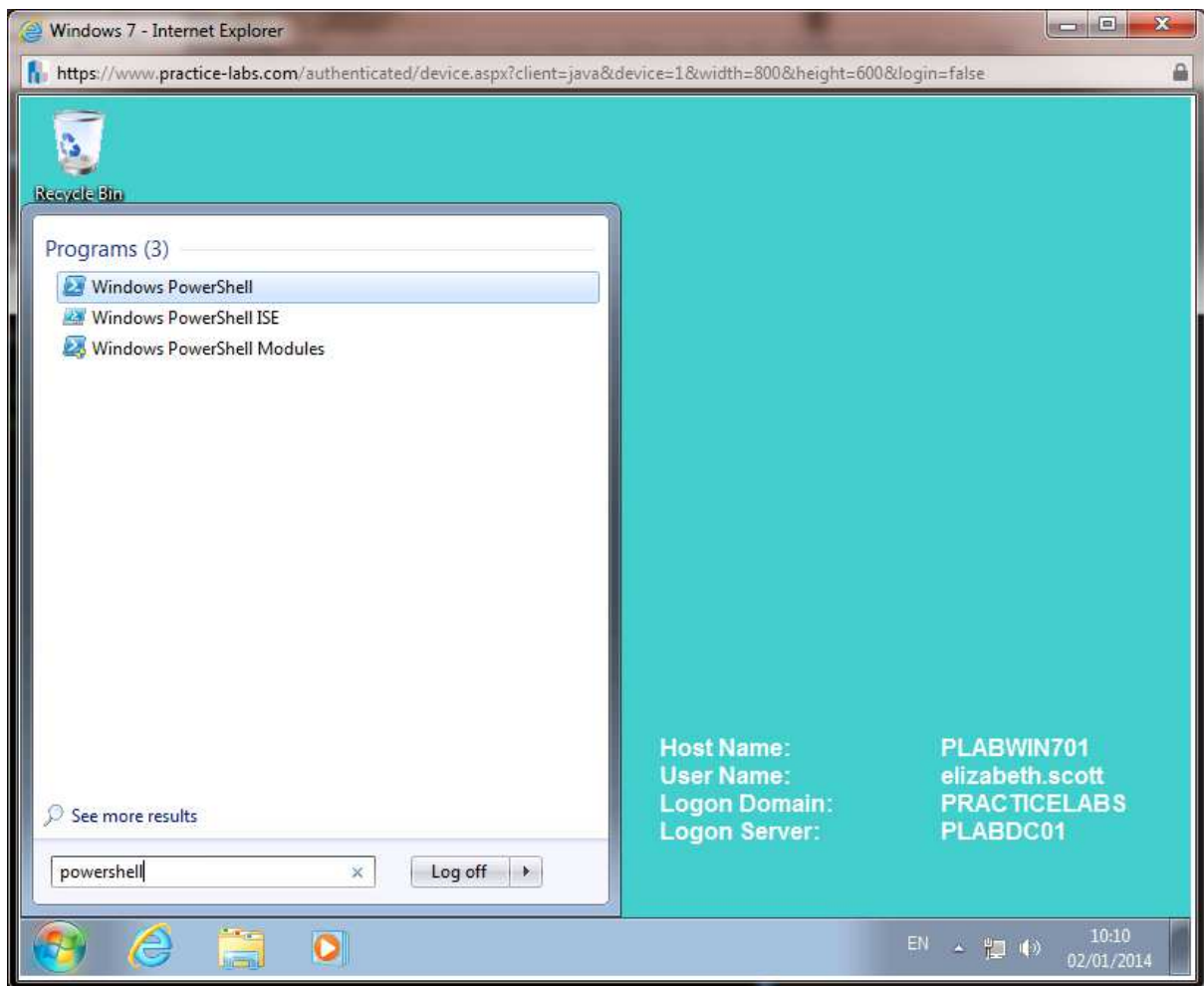
Step 4

Connect to **PLABWIN701** and sign in as **elizabeth.scott**, password is **Passw0rd**.



Step 5

Click **Start**, in Search programs and files box, type **powershell** and press **Enter**.



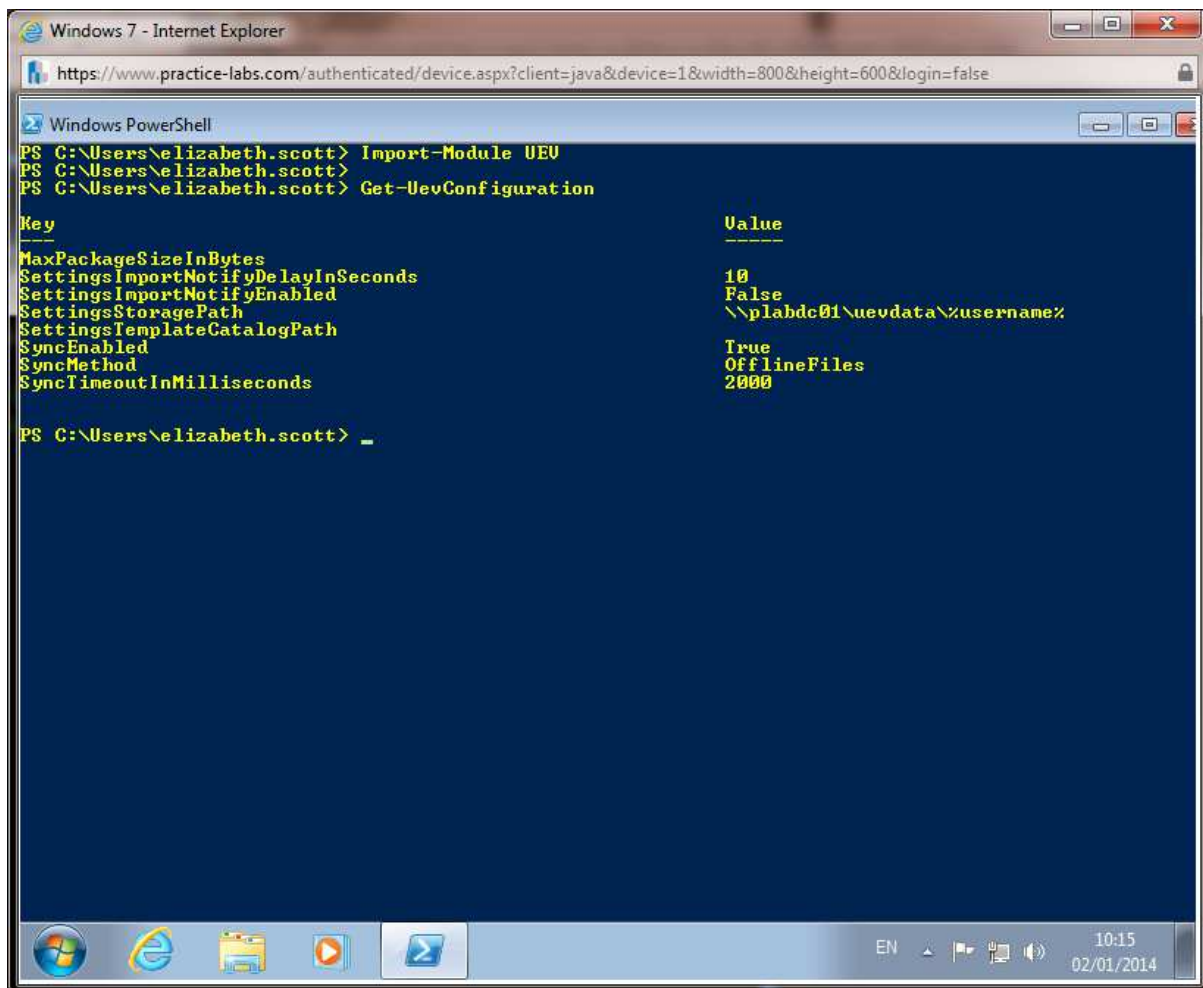
Step 6

On PowerShell window, type the following cmdlets and press **Enter**.

```
Import-Module UEV
```

```
Get-UevConfiguration
```

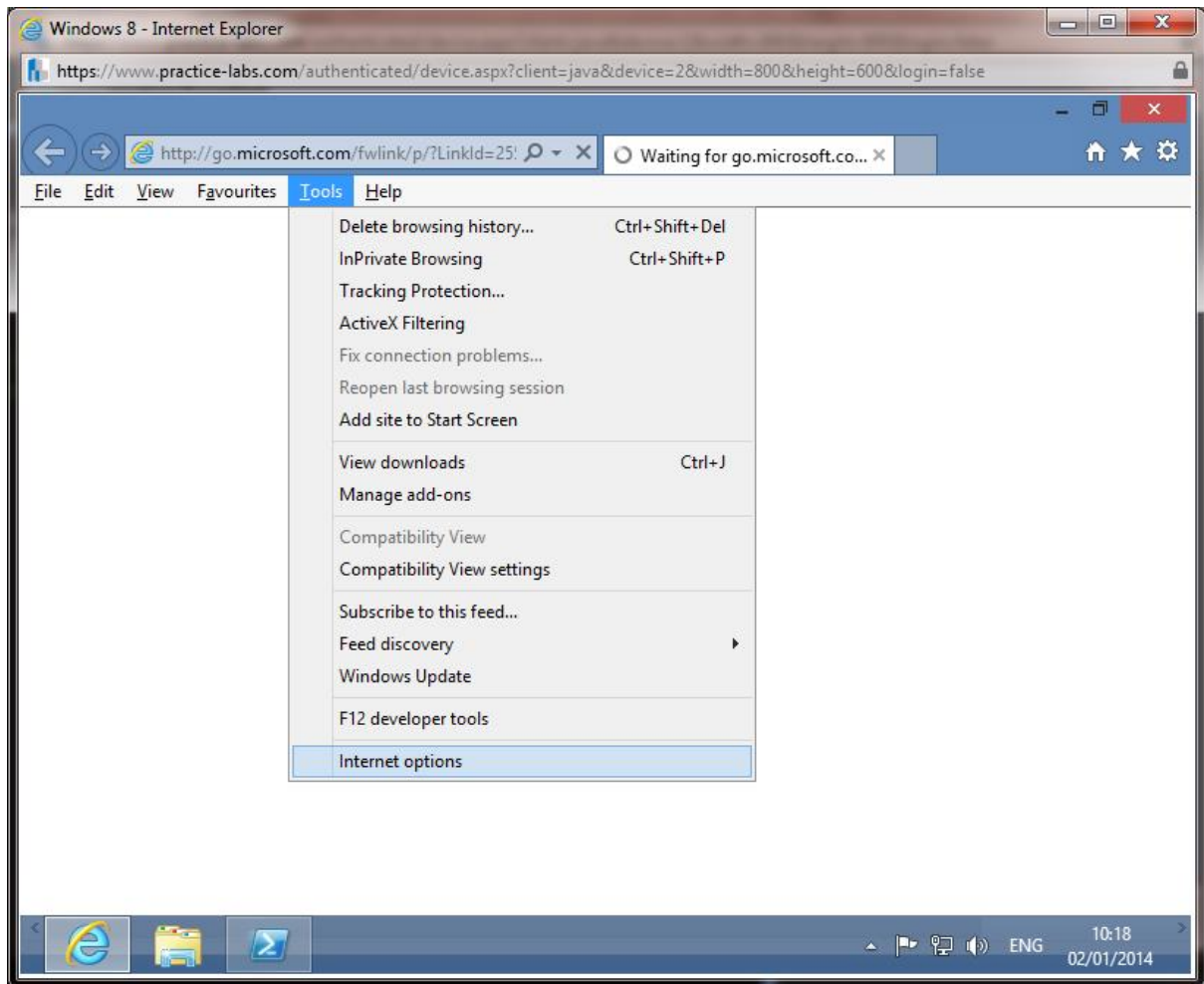
Sign out Elizabeth Scott from PLABWIN701.



Step 7

Switch back to **PLABWIN810** with John Smith still signed in. Launch Internet Explorer. Click **Use recommended security and compatibility settings** when asked. Choose **OK**.

Press **ALT** key to display the top menu, then go to **Tools > Internet Options**.

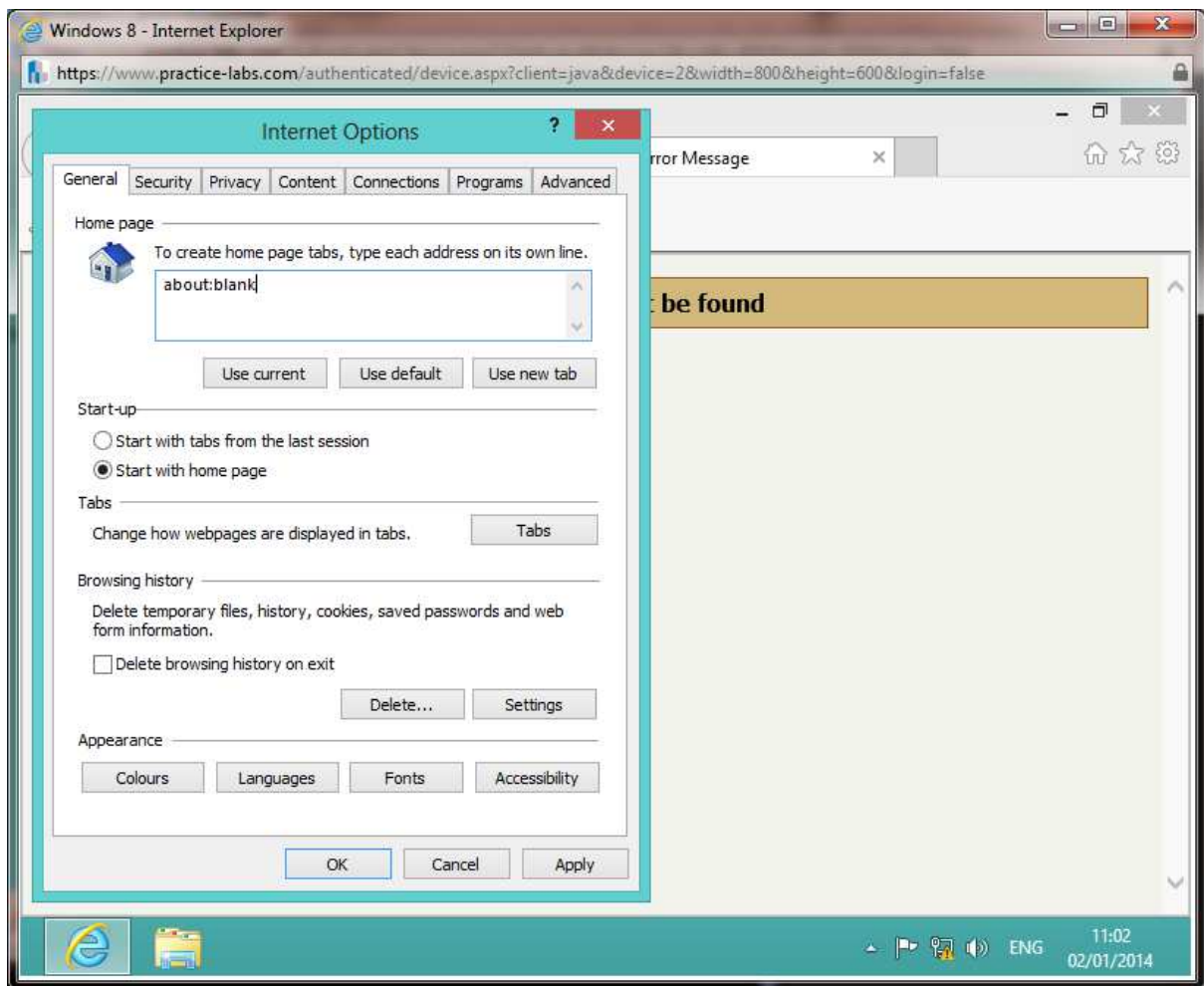


Step 8

On **Internet Options**, from **General** tab, click in text box and type

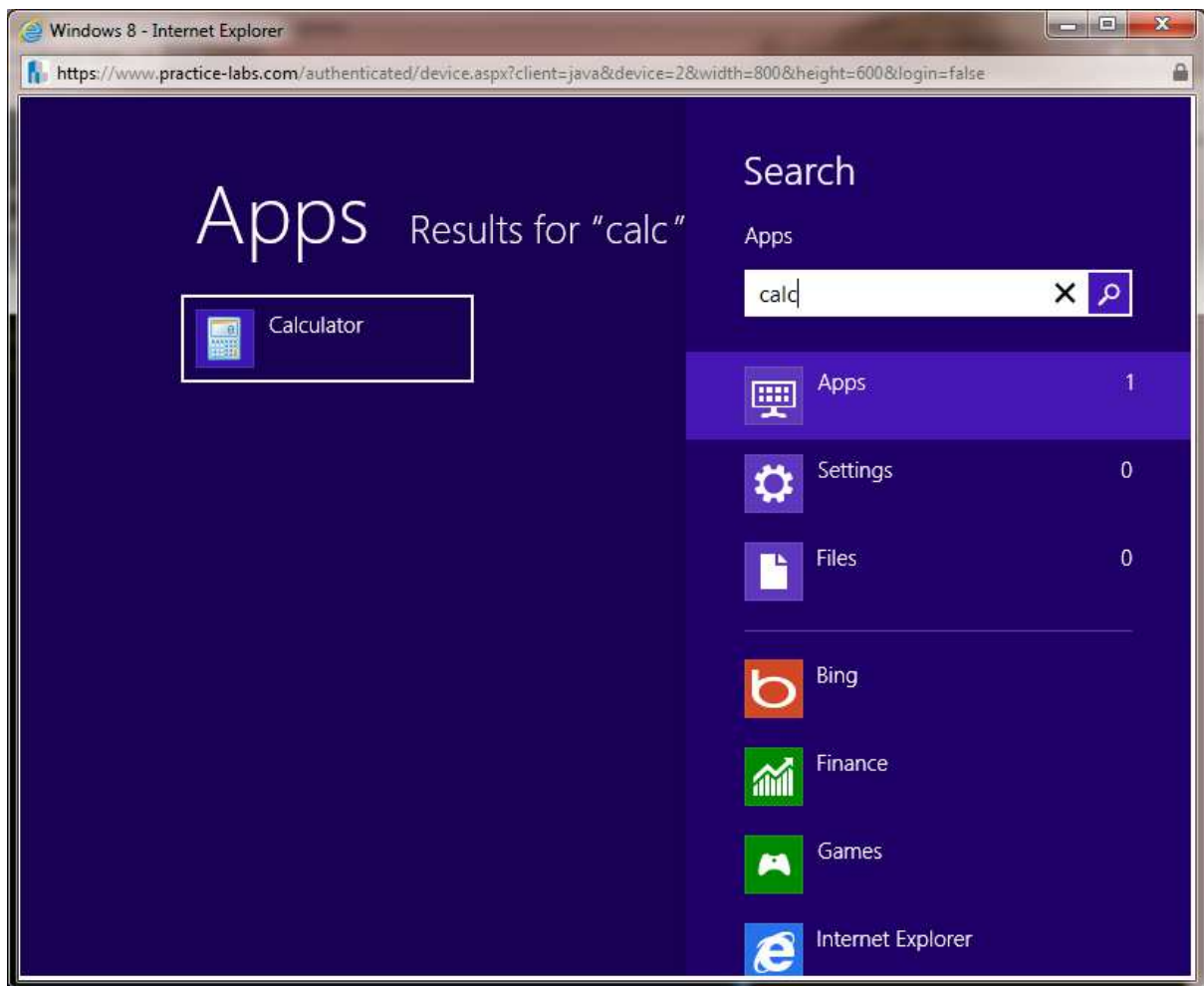
`about:blank`

Click **OK**. Close Internet Explorer.



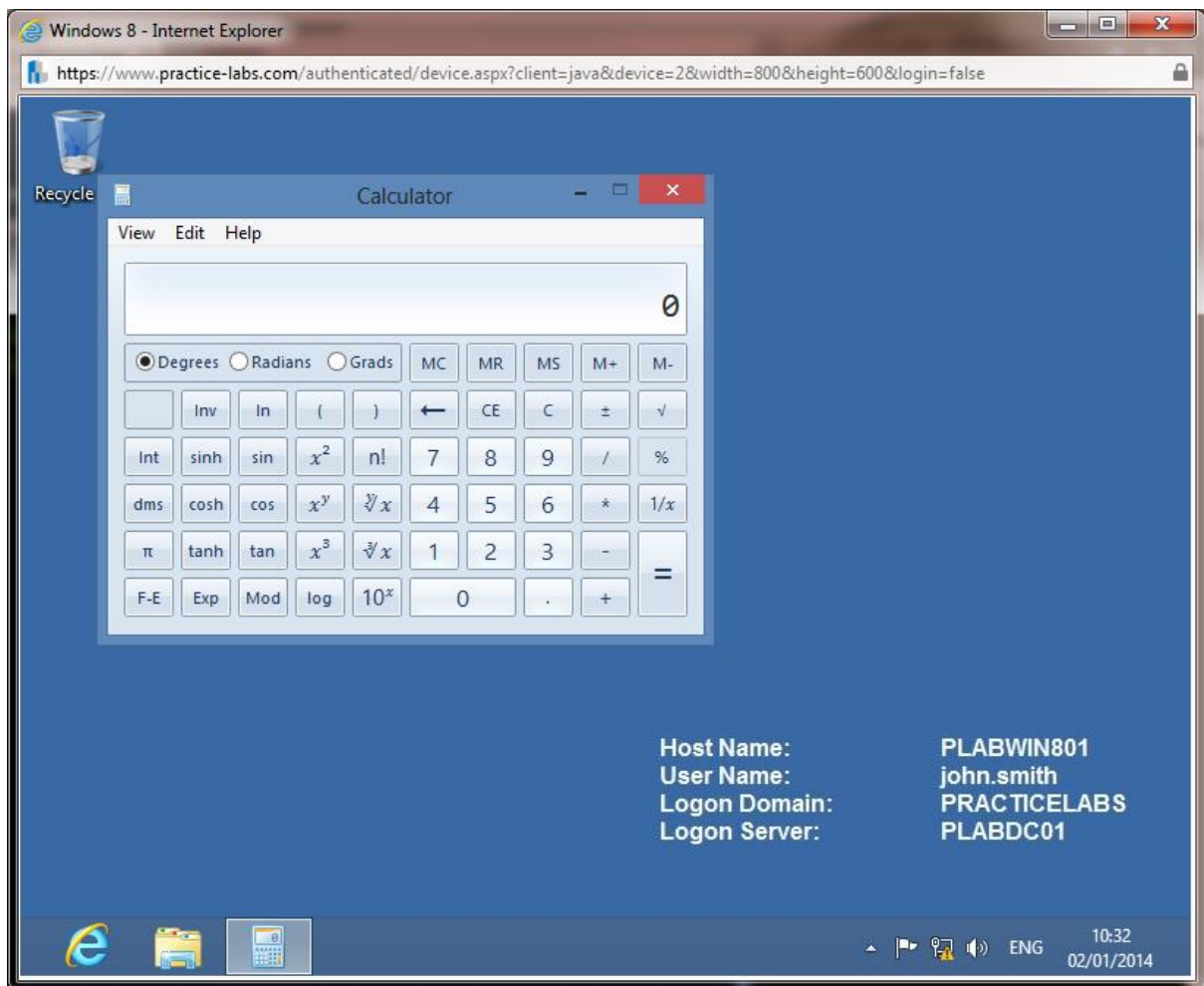
Step 9

Go to **Start** screen, and type **calc**.



Step 10

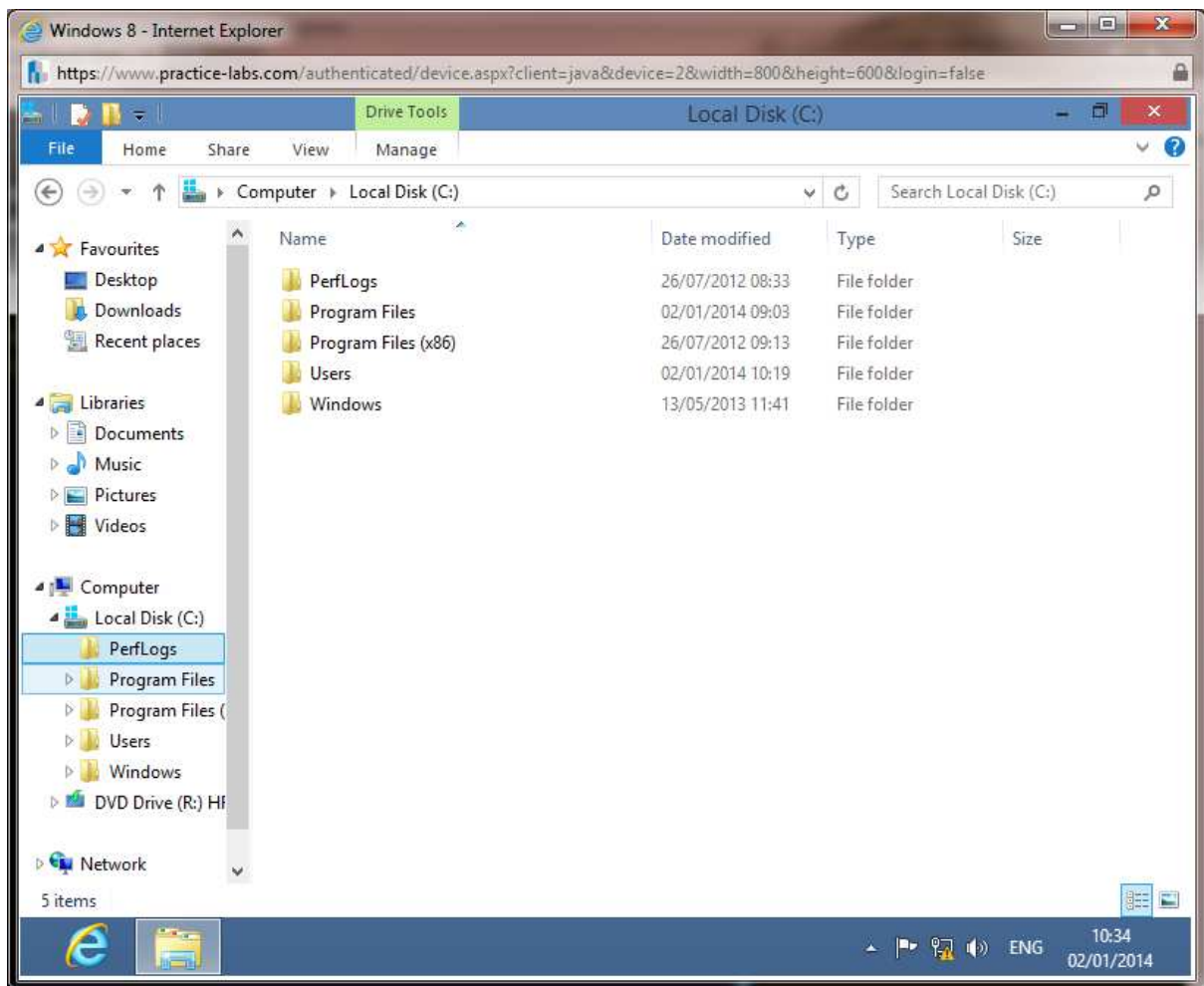
Click **View** and choose **Scientific**. Close Calculator.



Step 11

Click File Explorer on taskbar. Then click on **Program Files** folder.

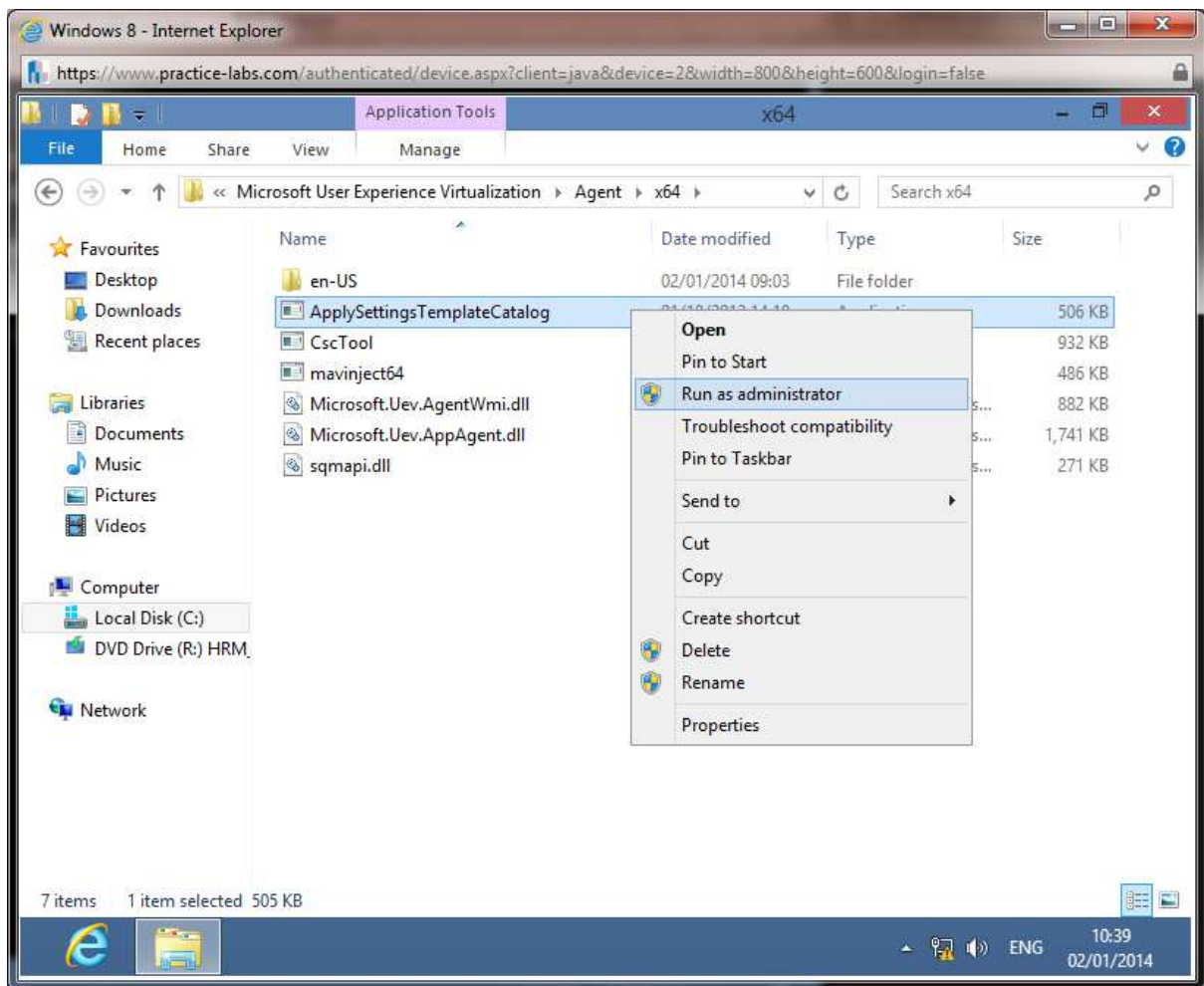
Note: If a User Account Control dialogue box appears, use **administrator**, password is **Passw0rd**.



Step 12

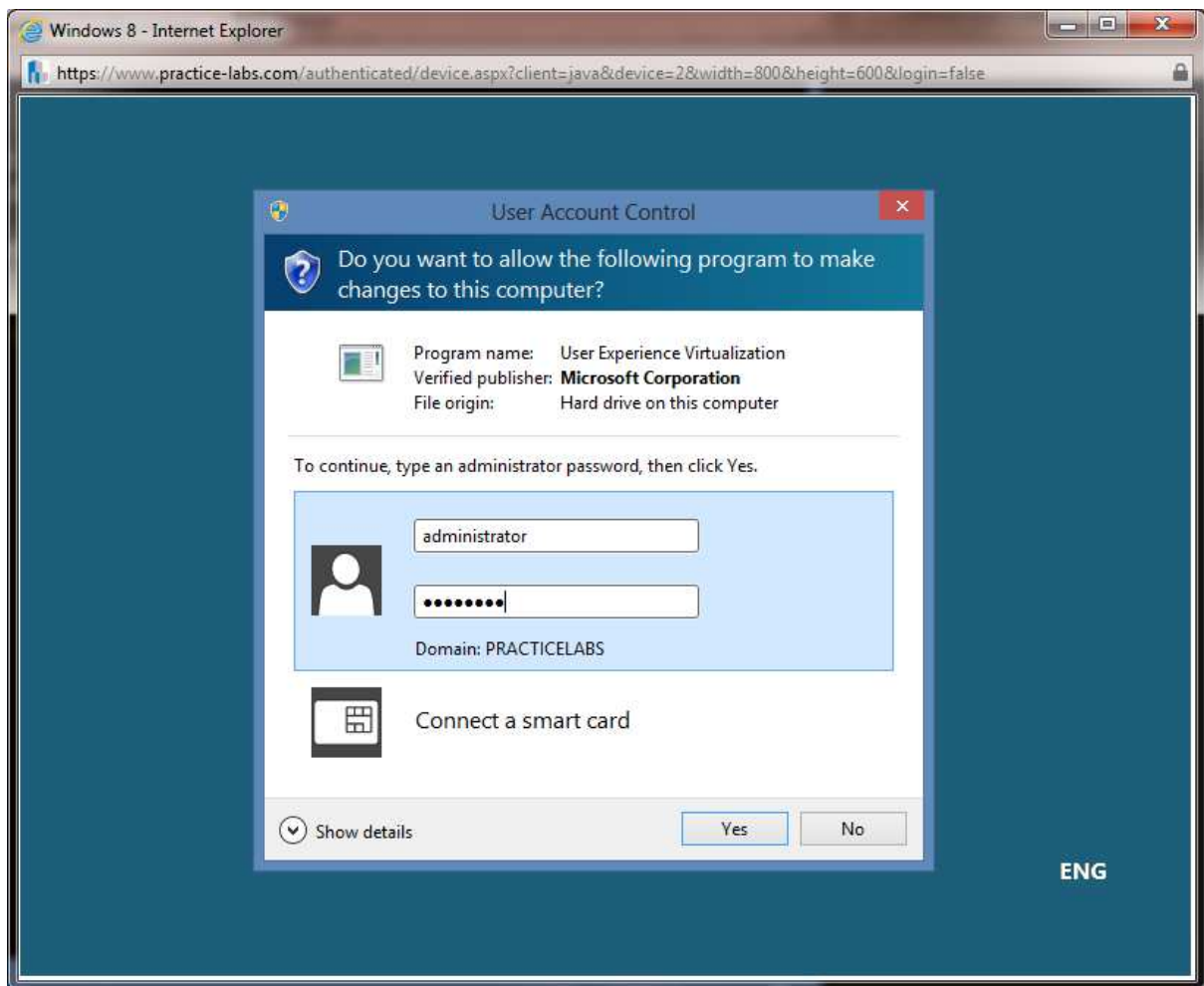
From File Explorer, go to `c:\Program Files\Microsoft User Experience Virtualization\Agent\x64` folder path. Right-click on **ApplySettingsTemplateCatalog** and choose **Run as administrator**.

Note: Synchronization was done manually in this step. It takes about 1 hour for sync to occur.



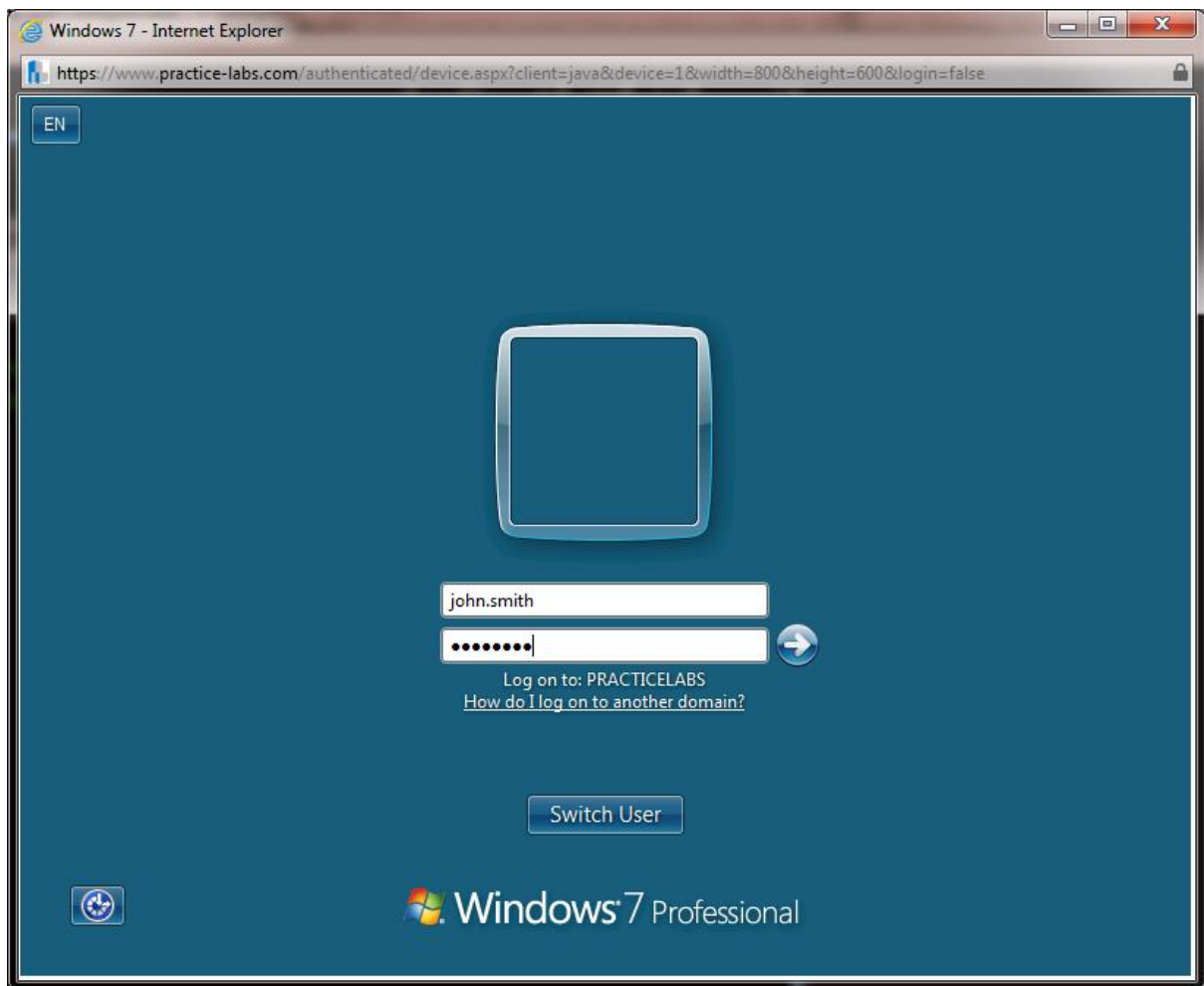
Step 13

When **User Account Control** appears, use **administrator**, password is **Passw0rd**. Click **Yes**.



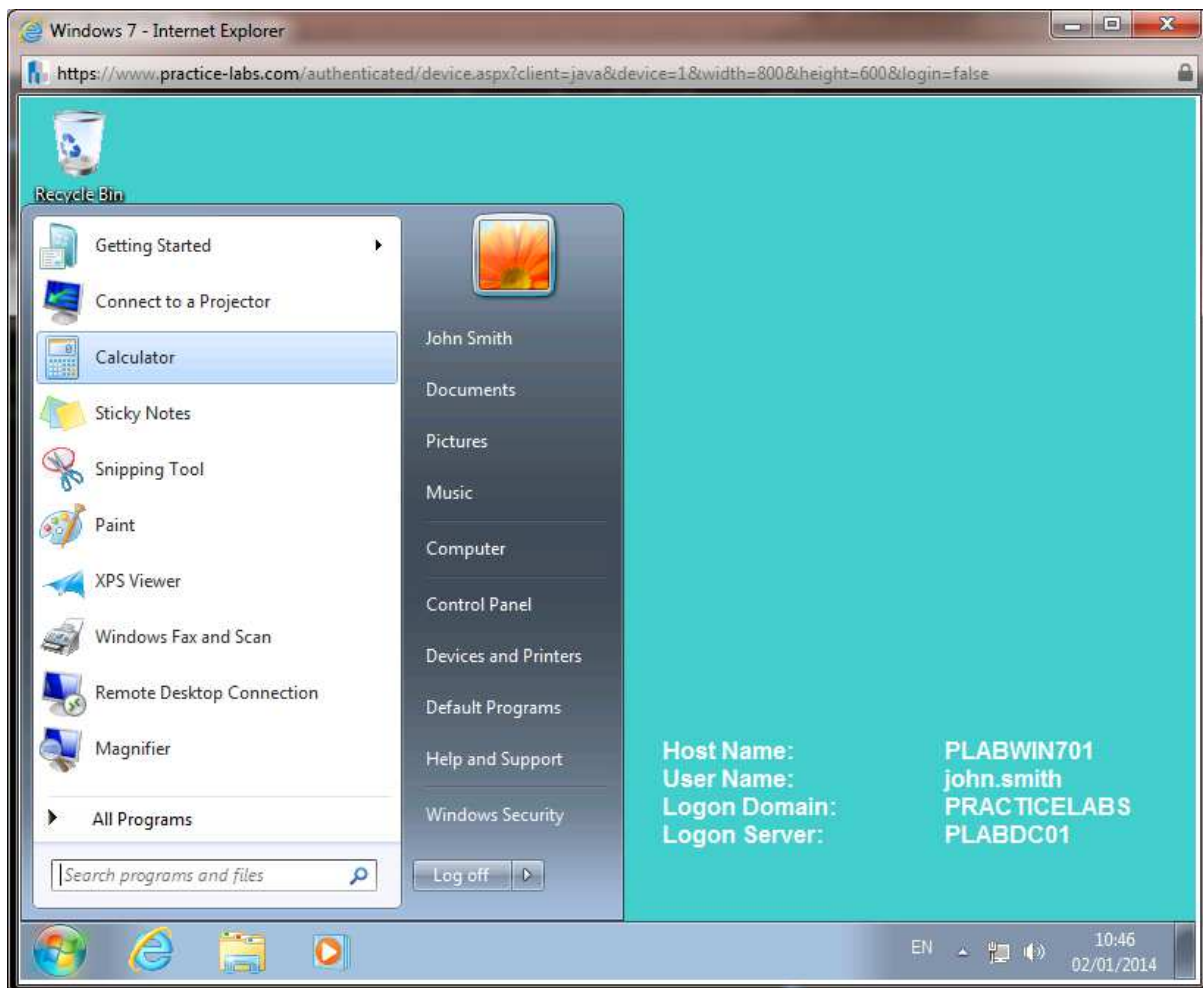
Step 14

Switch to **PLABWIN701** and log on as **john.smith**, password is **Passw0rd**.



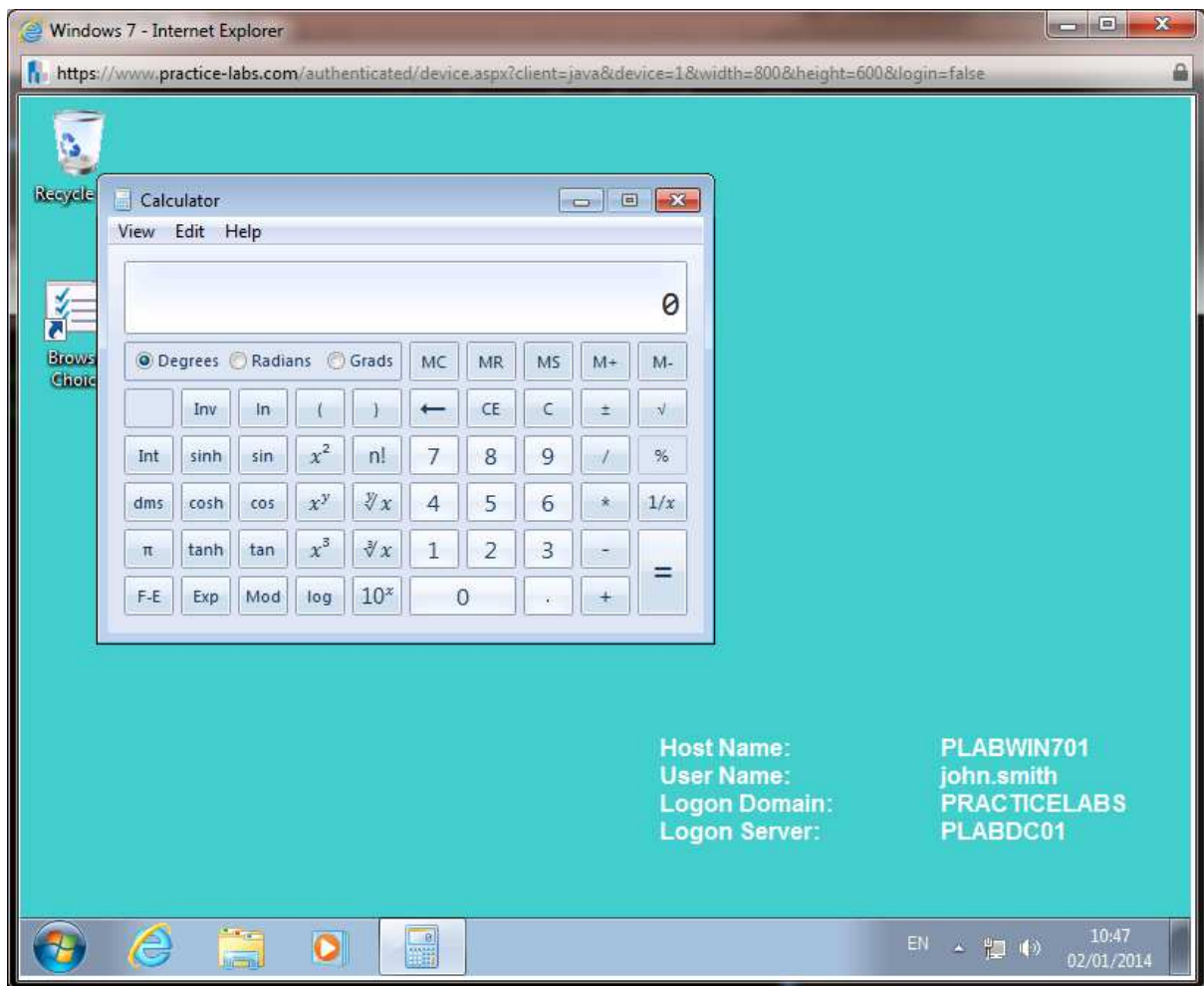
Step 15

Launch **Calculator** app.



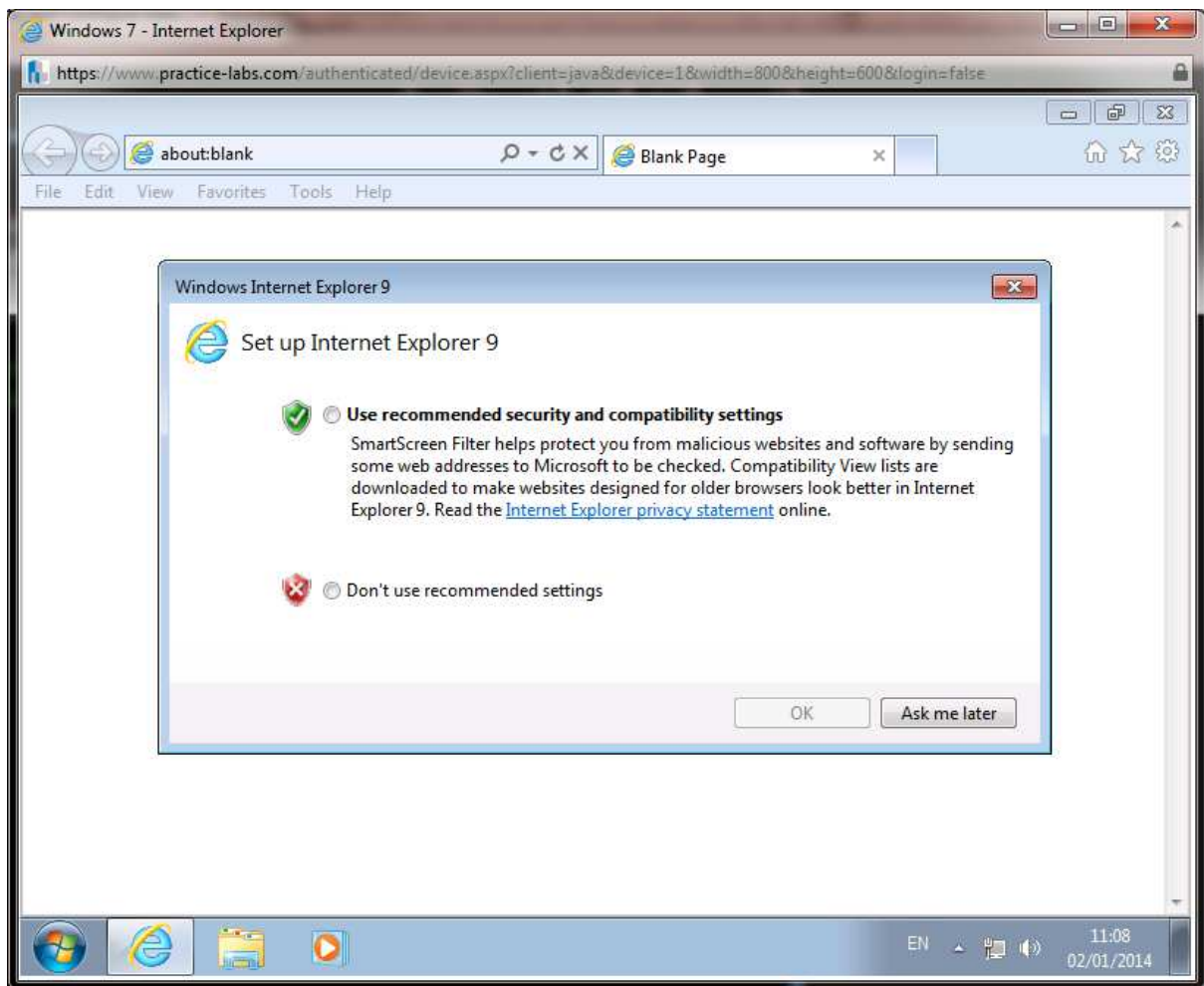
Step 16

Verify that the calculator is in Scientific mode. Exit from Calculator.



Step 17

Launch Internet Explorer from taskbar. Verify that **about:blank** is the default web page. From Set up Internet Explorer 9, select **User recommended security and compatibility settings** option, then click **OK**.



Shutdown PLABDC01, PLABWIN801 and PLABWIN701 to revert these devices to their default settings.

Summary

You can migrate user settings from Windows 7 to Windows 8 using a graphical user interface tool called Windows Easy Transfer.

Another alternative is using the command line tools in Windows Assessment and Deployment Toolkit –WADK. Scanstate can be used to collect user settings from an old computer, while Loadstate can be used to import user settings into a new computer.

User profiles can be configured to follow the user by changing some settings on the domain controller. This will make the user settings consistent throughout the Windows domain.

Folder redirection can be set up using Group Policy Objects. This feature provides a user access to his data regardless of which workstation in the domain he signs in to.

User Experience Virtualization (UE-V) can be used to enhance a user's application preference when working with more than one workstation in a Windows domain network.