Adding New Roaming Users

Group: 3   Logan Haberman, Braden Yokopenic, Joseph Turkovich
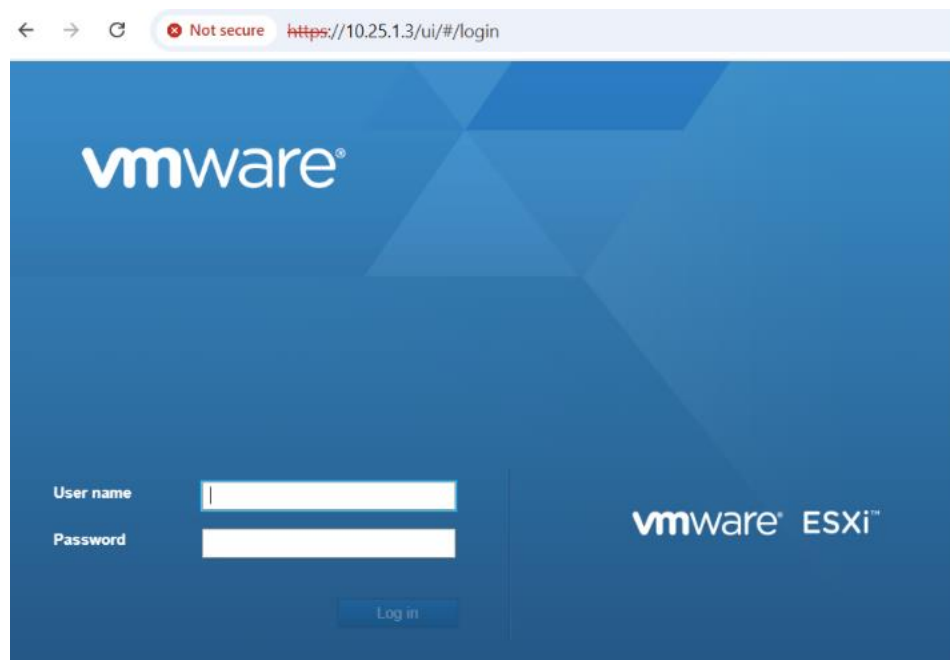
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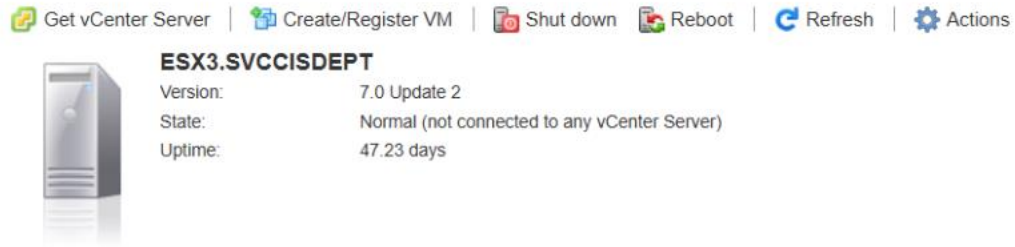
Adding Second Windows 11 VM to Domain

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Logging into ESXi Server

1. Type in 10.25.1.3 into your browser

2. Click Enter

3. Input your username and password and Log In

Creating the Virtual Machine

1. Once logged into the ESXi server, click the "**Create/Register VM**" button.

2. Select "**Create a new virtual machine**", then click "next."

3. Enter a name for the virtual machine

4. Click on the **Guest OS Family Drop Down**, then click on "**Windows**"

5. Click on Guest OS Version dropdown, then click **Microsoft Windows 10 (64-bit)**.

Then click "next."

6. Switch the Datastorage from CoreESX -> DataStore1

7. Select 16 GB memory, 80 GB Hard disk 1, and VM Network for Network Adapter 1.

8. Click "**Datastore ISO file**" for **CD/DVD Drive 1** and follow the following path:

DataStore1/ISO FILES/Windows 11/en-

**us_windows_11_business_editions_version_24h2_updated_july_2025. Click**

select.

9. Click "Finish."

Installing Windows 11

1. Power on the VM by pressing the green "Power on" button.

2. Click the "actions" button in the top right corner.

3. Click **Guest OS --> Send keys --> "Escape"** as the VM is booting up

4. Select languages and formats that best suit your needs, then click next

5. Click the appropriate Windows installation option and wait.
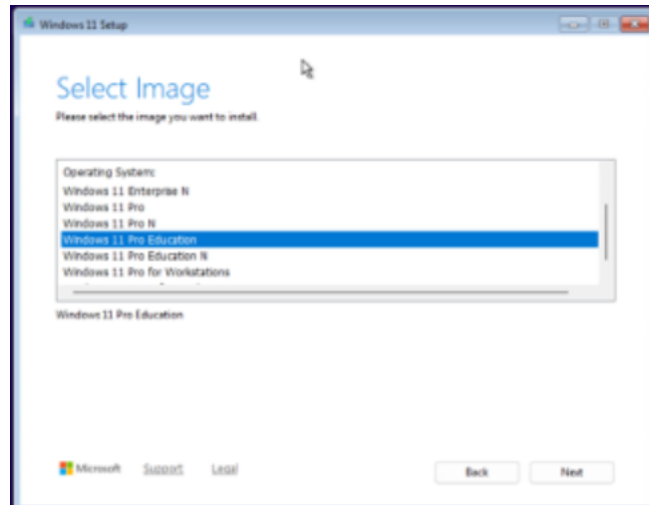
How to Bypass TPM 2.0 Check to Download Windows 11 On a Virtual Machine.

When should I use this method?

When downloading Windows 11, if you receive the above message, it could mean your system hardware is too outdated to run the Operating System OR you are missing the TPM 2.0 requirement.

This is an easy-to-follow guide on how to bypass the TPM check that should at most take 15 minutes to complete.

Before following the instructions below, check to see if your hardware is able to run Windows 11.

How to Bypass TPM 2.0:

Step 1: The first step in bypassing the TPM requirement is opening a command prompt. To do this you need to press **Shift + F10.** Once the command prompt is open you will need to type "regedit" into the command prompt and press enter. (picture shown below)
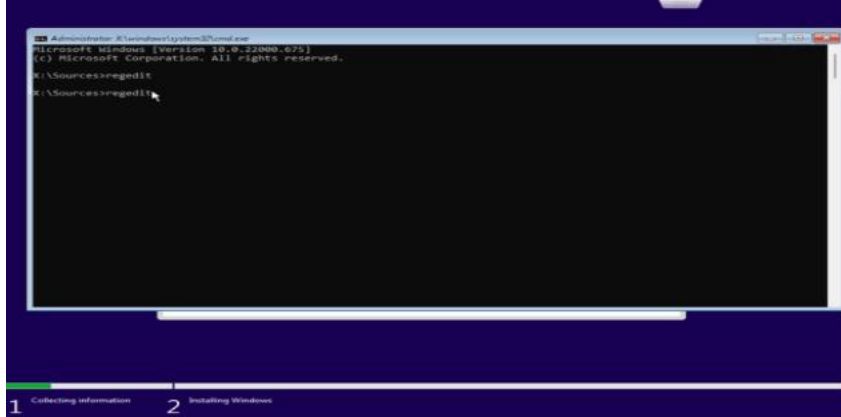
Step 2: If done correctly the registry editor will open. From here you will expand the

HKEY_LOCAL_MACHINE folder. Doing so will show you more folders, find the **SYSTEM**

folder and expand it. This will also show you more folders, find the "**Setup" folder -> new -**

> Key and click
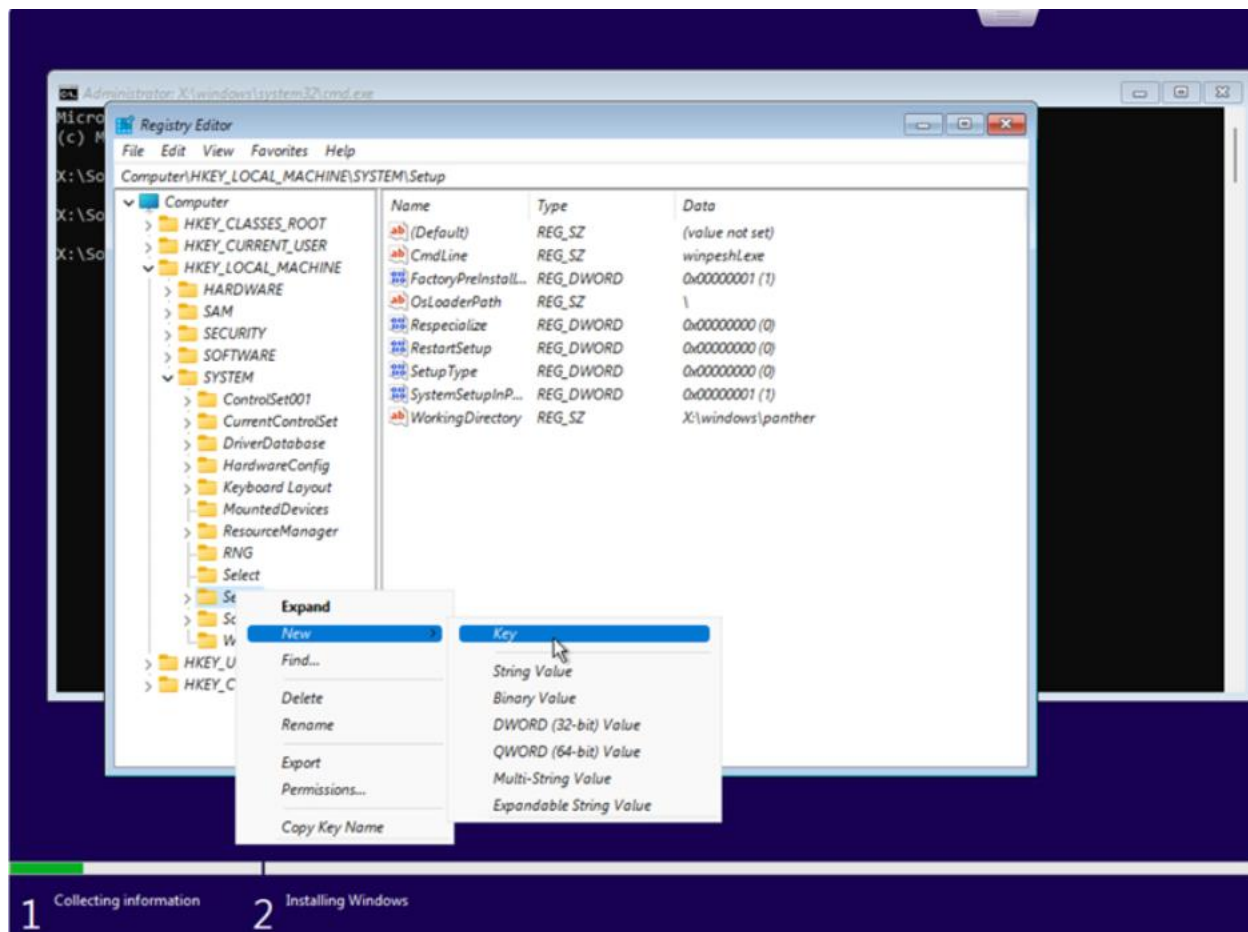
Step 3: When you create the new key, name the folder it creates "**LabConfig".** Once you

name the folder click onto it. Once you have clicked on "LabConfig" you will see the screen

shown below. From there right click anywhere in the whitespace and select **New ->**

DWORD (32-bit) Value". This will create a new value that you will need to name

"**ByPassTPMCheck**".
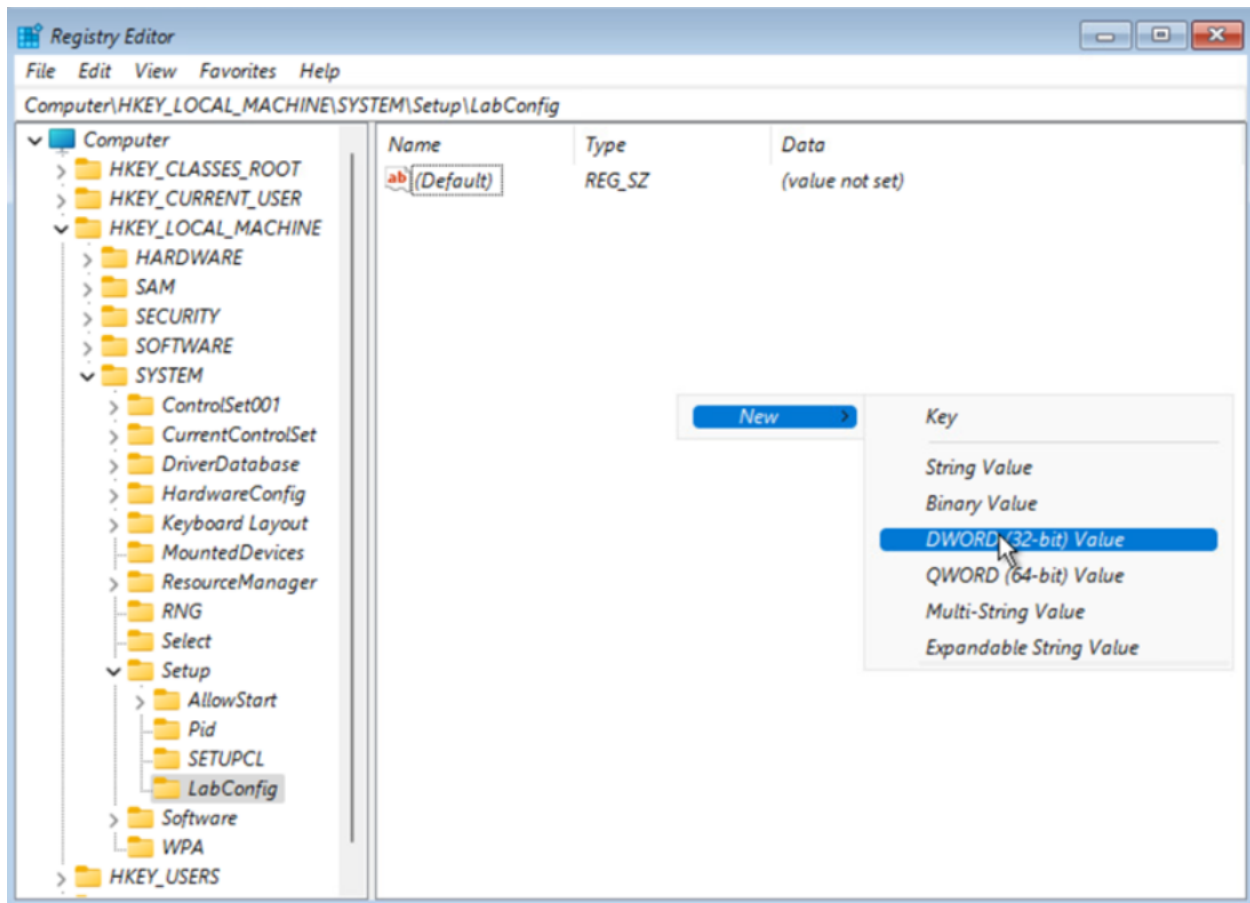
Step 4: Once you have created the "ByPassTPMCheck" double click it and change the value from "0" to "1" and click "OK".
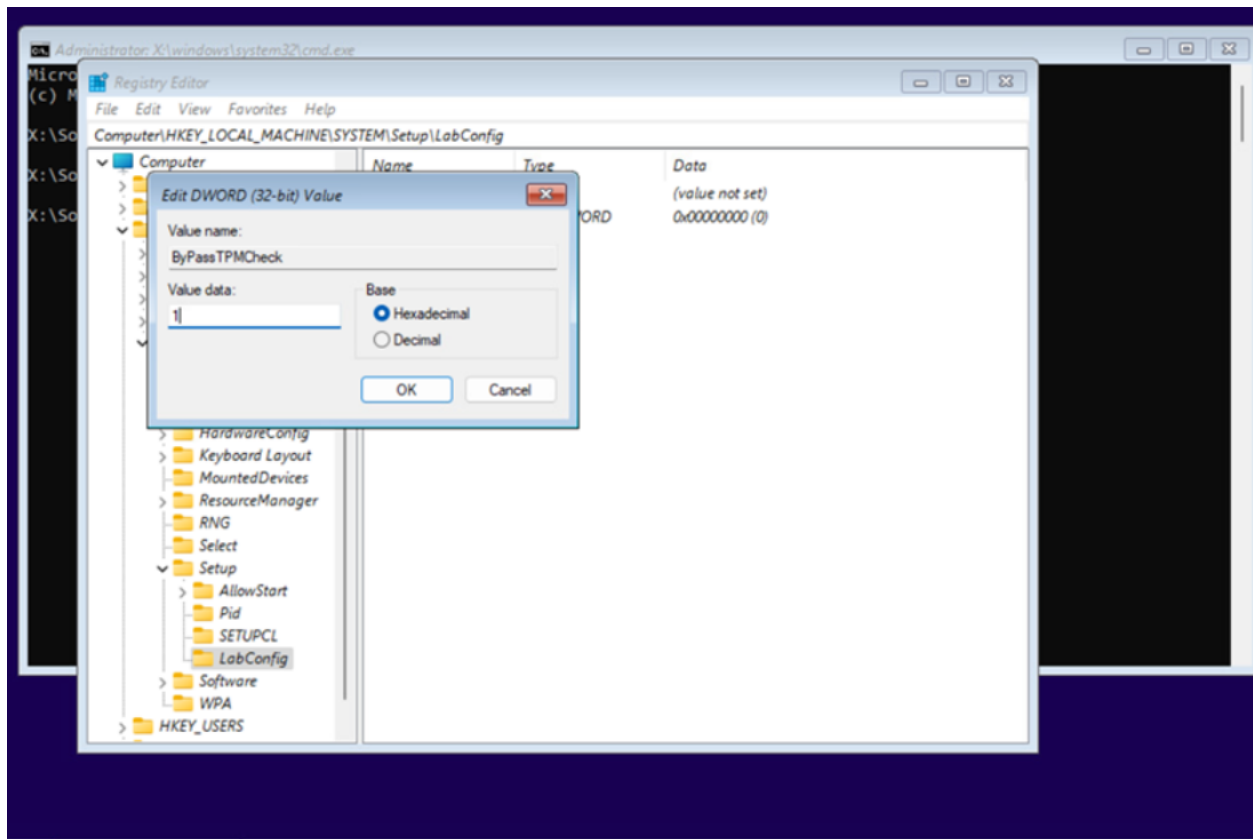
You can now exit off the command prompt and retry downloading Windows 11.

Creating a New Administrator Account

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1. In the Server Manager
   a. Select Manage

2. Select Active Directory Users and Computers

3. In the whitespace
   a. Right-click

4. Hover over New
   a. Select User

5. Name new Administrator user
   a. Admin Account
   b. Select Next

6. Enter a password for new Admin user
   a. CS265CS265!
   b. Select the box next to Password never expires
   c. Select OK
   d. Select Next >
   e. Select Finish

7. Right click on new admin user
   a. Hover over **All Tasks**
   b. Select **Add to a group**
   c. In the text box
      i. Enter **Administrators**
   d. Select **Check Names**
   e. Select **OK**

Creating New Users

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1. In the server manager
   a. Select ADUS

2. Right-Click on the server selected
   a. Select Active Directory Users and Computers
   b. Select the Users folder
      i. In the whitespace Right-click
      ii. Hover over New & Select User

3. Enter user First and Last name
   a. Paul Hewson
   b. David Evans
   c. Adam Clayton
   d. Larry Mullen Jr.

4. Enter User logon name:
   a. PHewson
   b. DEvans
   c. AClayton
   d. LMullen

5. Enter password
   a. Rajah424!
   b. Select check box for Password never expires
   c. Select Next
   d. Select Finish

6. Scroll to find new user
   a. Right-click on new user
   b. Select Properties
   c. Select **Member of**
   d. Select **Add**
   e. Select **Advanced**
   f. Select Find Now
   g. Double left-click Users
   h. Select Apply
   i. Select OK

Configuring Roaming Profiles

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