Windows Updates

Information Security Office Compliance

https://security.utexas.edu/content/min-security-standards | Systems > Minimum Standards > 4.5. System Hardening > 4.5.2

"Operating system and application services security patches are installed expediently (e.g., 30-days) and in a manner consistent with change management procedures. Products that no longer receive security updates from the vendor (e.g., unsupported) are not authorized."

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CVE-2021-34527 PrintNightmare

If you're here to remediate for PrintNightmare, skip to the last step at the bottom of the page (Press **Check online for updates from Microsoft Update** if you have the option to get any additional updates you might need.)

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**How to determine your Windows Update options**

CNS IT may have worked with you to install software that lets us manage security and software updates. If you can't find **Software Center** in the first step under **PCs with Manage Software Updates** below, move on to the **All Other PCs** update section below.

To check for Windows Updates on a PC with our management software:
First, open your **Start Menu** and search for **Software Center**.
On the left, click on **Device Compliance** and press **Check Compliance**. You should see the **Compliance Status - Last Checked** time update as confirmation that this was successful.
Click on the **Updates** tab on the left. The **Status** column here will give you information about the updates your PC may still need.

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required</strong></td>
<td>Updates can be installed by selecting them and pressing <strong>Install</strong></td>
</tr>
<tr>
<td><strong>Requires Restart</strong></td>
<td>Updates are already installed, but Windows needs to reboot in order to finish applying them. Computers in this state will be considered <strong>Non-Compliant</strong> by the Information Security Office requirements, so please reboot as soon as possible.</td>
</tr>
<tr>
<td><strong>Failed</strong></td>
<td>Something went wrong. Please <strong>Contact the CNS IT Help Desk</strong> if you would like assistance.</td>
</tr>
</tbody>
</table>

Some common codes are:

- **Required Updates**
- **Requires Restart**
- **Failed**

- **Install**
- **Status**

- **Name**
- **Publisher**
- **Status**
- **Required Restart**
Once all updates are installed, and all pending reboots are performed, the **Updates** tab on the left side of **Software Center** won't show any remaining available updates.

To check for Windows Updates on a PC without our management software:
Begin by clicking on the Start Menu, and search for Updates.
Click on **Check for Updates**. If you haven't previously reconfigured any update settings, Windows should begin to download and install available updates.

**Windows Update**

- **Updates available**
  - Last checked: Today, 4:17 PM

Your device is missing important security and quality fixes.

Security Intelligence Update for Microsoft Defender Antivirus - KB22167602 (Version 1.338.199.0)

**Status**: Installing - 50%

2021-03 Cumulative Update for Windows 10 Version 20H2 for x64-based Systems (KB5000802)

**Status**: Downloading - 9%

2021-02 Cumulative Update Preview for .NET Framework 3.5 and 4.8 for Windows 10, version 20H2 for x64 (KB4601054)

**Status**: Pending install

2021-01 Update for Windows 10 Version 20H2 for x64-based Systems (KB4023057)

**Status**: Pending install

- **Pause updates for 7 days**
  - Get latest updates to pause again

- **Install updates as soon as possible**
  - We'll notify you before the restart, and you can postpone if needed

- **Change active hours**
  - Currently 8:00 AM to 5:00 PM

- **View update history**
  - See updates installed on your device

- **Advanced options**
  - Additional update controls and settings
Once updates are installed, Windows will probably require a reboot to finish applying them. Computers in this state will be considered **Non-Compliant** by the Information Security Office requirements, so please reboot as soon as possible.
Once all updates are installed and all pending reboots are performed, pressing **Check for Updates** should confirm that your system is up-to-date.

Press **Check online for updates from Microsoft Update** if you have the option to get any additional updates you might need.
Update status

Your device is up to date. Last checked: Today, 4:54 PM

Check for updates

Check online for updates from Microsoft Update.

Update history

Update settings

Available updates will be downloaded and installed automatically, except over metered connections (where charges may apply).

Change active hours

Restart options

Advanced options

Looking for info on the latest updates?

Learn more

If you see any errors and need help resolving them, please Contact the CNS IT Help Desk for assistance.