

Ways to check supported versions in Windows systems

The following Windows OS versions supported TLS1.2 by default:

- **Windows 10 or above**
- **Windows Server 2012, 2012 R2, 2016, 2019 or above**

If you are running a supported Windows OS, no action is required.

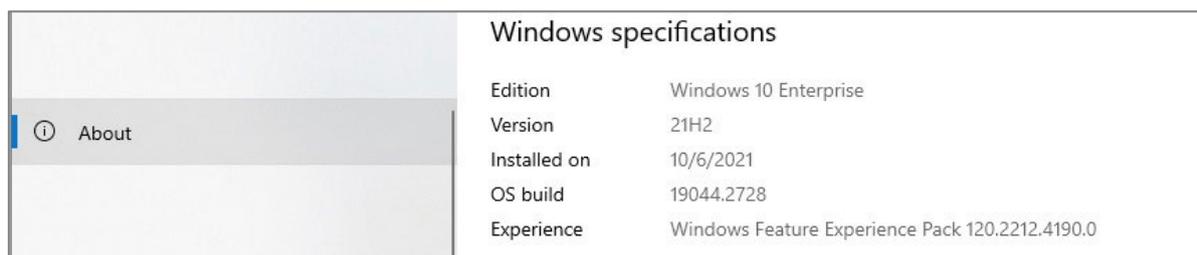
Otherwise, you are recommended to upgrade it to the supported version.

To check which version of (1) Windows OS, and (2) TLS support in web browsers is using on your system, please refer to the steps in below.

1. To check Windows OS version:

(for General users)

- Select **Start > Settings > System > About**.
- Open About settings.
- Under Windows specifications, **check which edition and version** of Windows your device is running.



2. To manually enable TLS 1.2 on your system:

(for Advance users or LAN admins)

If your operating system was manually changed to disable TLS 1.2 for some reason, you can verify or configure your system for TLS 1.2.

- Click **Start** menu, either in the Run box or the Search box, type **regedit** and press **Enter**. The **Registry Editor** window should be opened.
- Navigate to follow the registry path:
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols
- Check if the subkey of TLS v1.2 is enabled for both server and client. Each protocol's state is controlled by two keys: **Enabled** and **DisabledByDefault**.^[*note]

- Make sure the **Enabled** value is **1** and the **DisabledByDefault** value is **0** or **missing**, the protocol is enabled.
- If the **Enabled** value is 1 but the **DisabledByDefault** value is 1, the protocol is disabled by default – it will not be used unless another host explicitly requests it during negotiation.
- If the **Enabled** value is 0, the protocol is disabled.
- **Restart** the system to ensure the new settings take effect.

*** Note:**

REMINDER before change:

Before making any changes to the registry, please create a backup of the registry first.

- In the Windows Registry Editor, locate and click the Protocols registry key or subkey that needs to be backed up.
- Click **File**, then **Export**.
- In the Export Registry File dialog box, select the filename and location of where to save the backup.
- Click **Save**.