

IPv6 on INTL campus

Overview

IPv6 is the next generation of the Internet Protocol (IP) address standard that will supplement and eventually replace IPv4, the protocol most Internet services use today.

The International Campus, Zhejiang University is committed to rolling out IPv6 connectivity for campus researchers and students. ITS has been working to:

- *Enable our Core Network for IPv6 connectivity.*
- *Manage the existing IPv6 addresses assigned to the university.*
- *Develop a plan for rolling these out over time.*
- *Assist units with setting up IPv6 connections, as not all devices provide the tools to connect seamlessly.*

FAQ

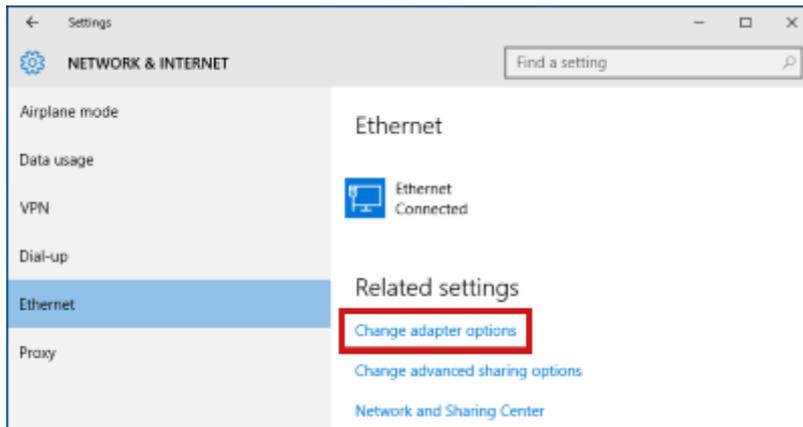
1. How do I know if IPv6 is enabled on my computer?

Most major PC and mobile/tablet operating systems support IPv6 by default, and many will prefer to use IPv6 when it is available. You can see if your device has IPv6 enabled by going to the web site test-ipv6.com, which runs a quick check and reports whether or not your system is using IPv6.

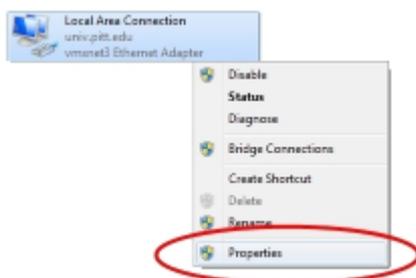
2. How do I enable or disable IPv6 on my computer?

Enabling and Disabling IPv6 on Windows 10

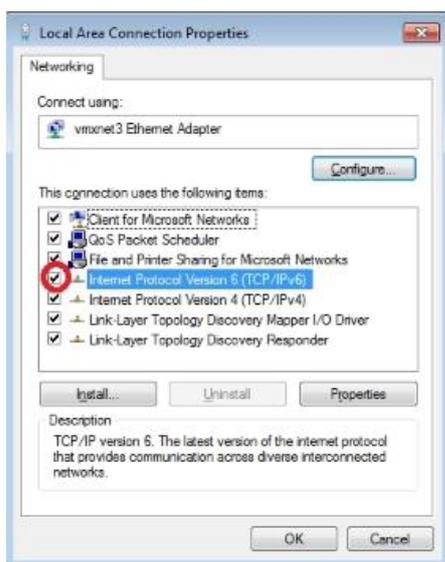
1. Select the **Settings** option via the Start menu.
2. In the **Settings** window, click once on **Network & Internet**.
3. In the **Network & Internet** window, click once on **Ethernet** if you wish to check the IPv6 status of your Ethernet (wired) network status. If you want to enable or disable IPv6 for your system's wireless network connection, click once on the **Wi-Fi** listing. Either of these actions will make a list of choices appear on the right side of the window. From this list, click once on **Change adapter options**.



- From the **Network Connections** window, right click on the **Ethernet** or **Wi-Fi** icon to bring up a properties menu.



- In the Properties box, the **Networking** tab should be prominent. An entry for **Internet Protocol Version 6 (TCP/IPv6)** should be visible in the **This connection uses the following items** section of the Properties box. You may need to use the scroll bar on the side of the section in order to see TCP/IPv6 line. Clicking the check box on the IPv6 line so that the box is empty will disable IPv6 on the system. Clicking it so that the box is checked will enable IPv6.



- Click **OK** to close the Properties box.