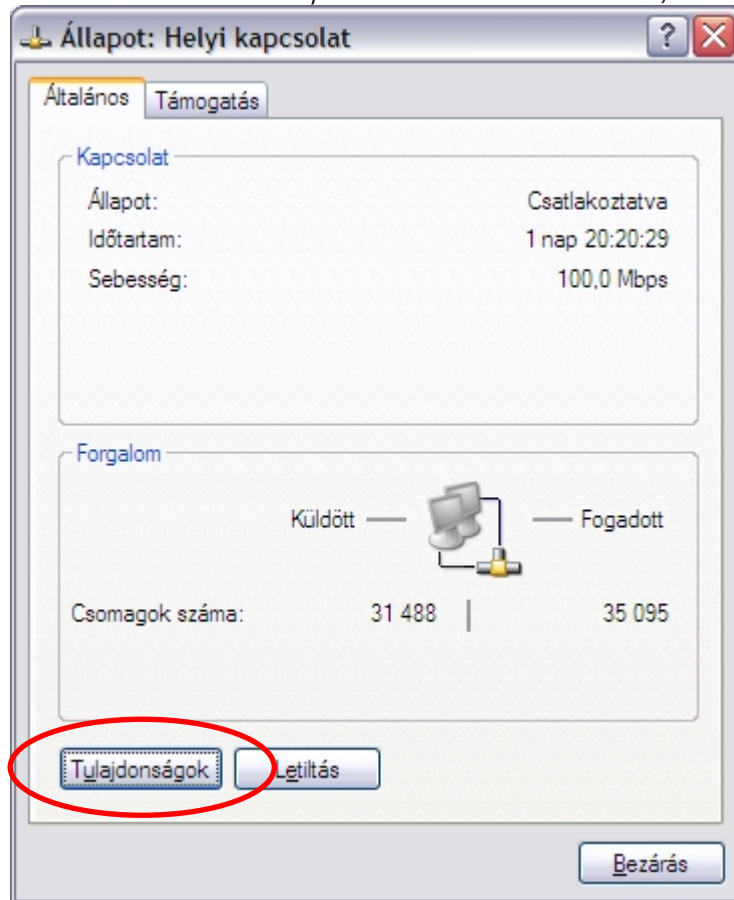


IPv6 settings for Microsoft Windows XP operating system

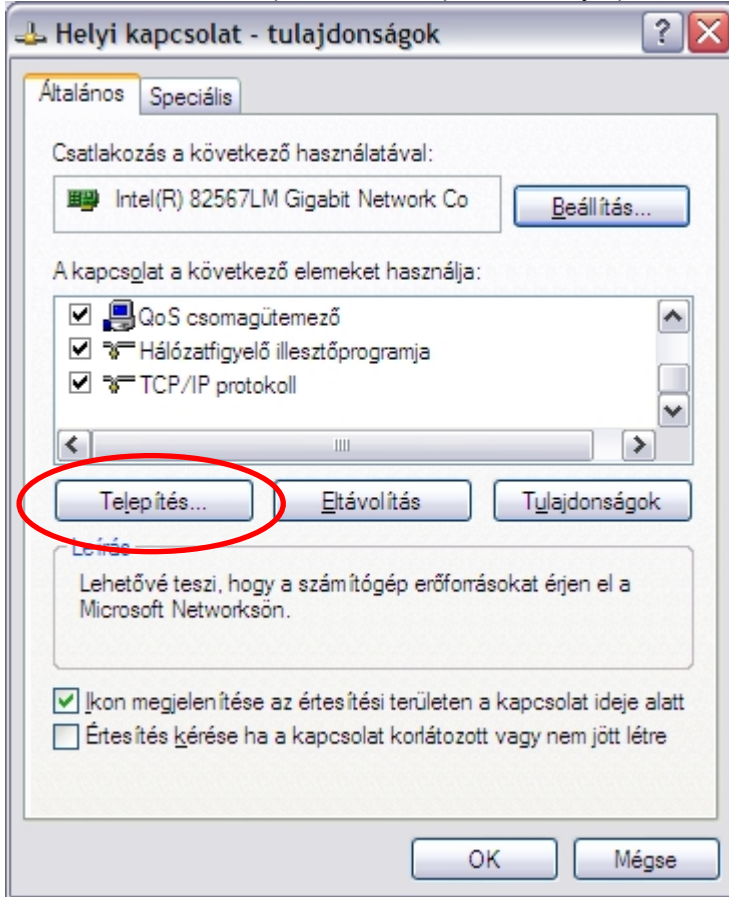
Microsoft Windows XP has limited IPv6 networking capabilities (for example it is not capable of DNS resolution above IPv6). If however there is an IPv6 capable router/gateway in the home network, it can be enabled to support browsing.

To set up the service, the TCP/IP v6 protocol should be installed on the “Local connection”. The required steps are as follows:

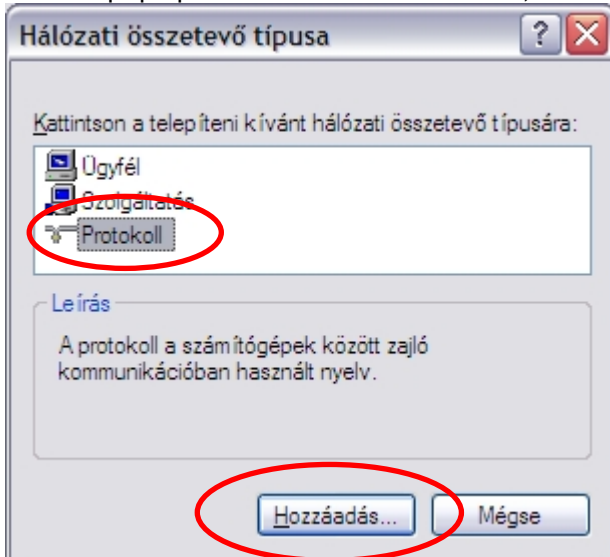
1. Please, open Local Connection from the tray (double click on the icon in the bottom right corner) or from the Control Panel/Network Connections folder, then click on the Properties button:



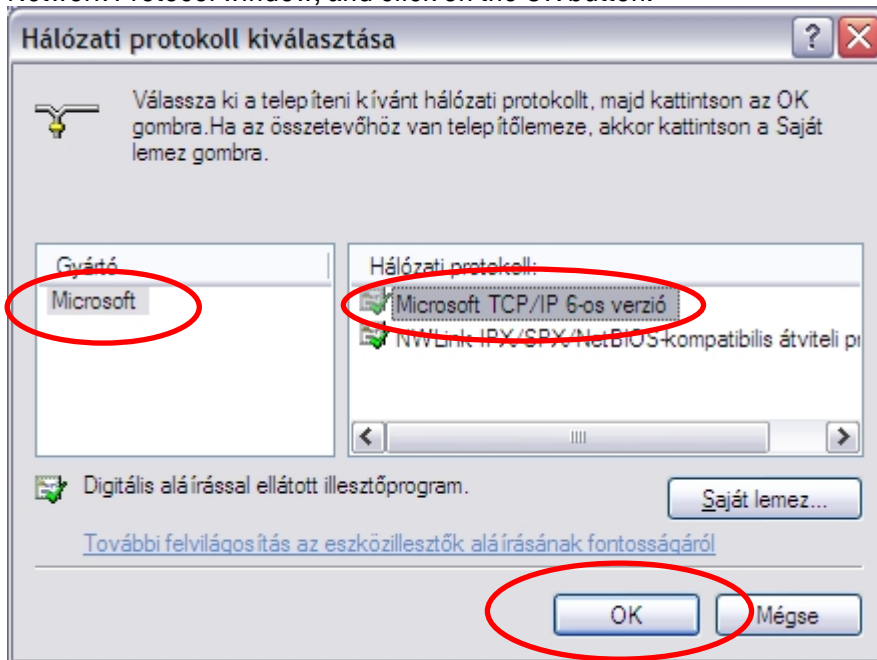
2. In the next window, (if no such box/line exists yet), click on the Install button:



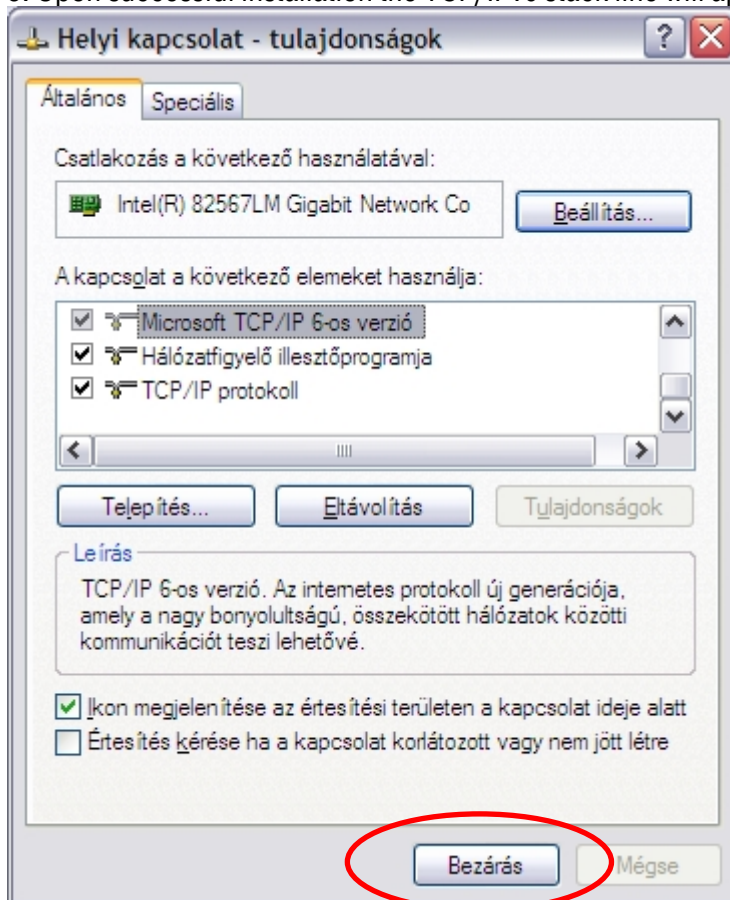
3. In the pop-up window click on "Protocol", then the "Add..." button:



4. Here, select first “Microsoft” in the Vendor window then “Microsoft TCP/IP version 6” in the Network Protocol window, and click on the OK button:



5. Upon successful installation the TCP/IPv6 stack line will appear among the protocols:



Your computer is now ready to handle IPv6 traffic, you can close the window.

You can check the established IPv6 internet connection with the help of the following webpage:
http://www.ipv6forum.com/test_ipv6.php

To double check, please type `ipconfig /all` in the command line window, as a result of which, the line(s) circled on the screen below should appear among the Ethernet adapter information (naturally, the “IPv6-address” will be somewhat different):

```

C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\kassait>ipconfig /all

Windows IP Configuration

    Host Name . . . . . : kassait5
    Primary Dns Suffix . . . . . :
    Node Type . . . . . : Hybrid
    IP Routing Enabled. . . . . : No
    WINS Proxy Enabled. . . . . : No

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix . . :
    Description . . . . . : Broadcom NetLink Gigabit Ethernet
    Physical Address. . . . . : 00-10-4B-5D-E3-05
    Dhcp Enabled. . . . . : Yes
    Autoconfiguration Enabled . . . . : Yes
    IP Address. . . . . : 192.168.1.67
    Subnet Mask . . . . . : 255.255.0
    IP Address. . . . . : 2001:4c48:110:1:b198:3284:2336:5ba1
    IP Address. . . . . : 2001:4c48:110:1:21a:4bff:fe5d:e305
    IP Address. . . . . : fe80::21a:4bff:fe5d:e305%4
    Default Gateway . . . . . : 192.168.1.254
                                     fe80::48ad:56b1:1ae9:b751%4
    DHCP Server . . . . . : 192.168.1.254
    DNS Servers . . . . . : 192.168.1.254
                                     fec0:0:0:ffff::1%1
                                     fec0:0:0:ffff::2%1
                                     fec0:0:0:ffff::3%1
    Lease Obtained. . . . . : 2009. oktober 27. 14:49:25
    Lease Expires . . . . . : 2009. oktober 27. 15:49:25

Tunnel adapter Teredo Tunneling Pseudo-Interface:

    Connection-specific DNS Suffix . . :
    Description . . . . . : Teredo Tunneling Pseudo-Interface
    Physical Address. . . . . : FF-FE-FF-FF-FF-FF-FF-FF
    Dhcp Enabled. . . . . : No
    IP Address. . . . . : fe80::ffff:ffff:ffff%5
    Default Gateway . . . . . :
    NetBIOS over Tcpip. . . . . : Disabled

Tunnel adapter Automatic Tunneling Pseudo-Interface:

    Connection-specific DNS Suffix . . :
    Description . . . . . : Automatic Tunneling Pseudo-Interface
    Physical Address. . . . . : C0-A8-01-43
    Dhcp Enabled. . . . . : No
    IP Address. . . . . : fe80::5efe:192.168.1.67%2
    Default Gateway . . . . . :
    DNS Servers . . . . . : fec0:0:0:ffff::1%1
                                     fec0:0:0:ffff::2%1
                                     fec0:0:0:ffff::3%1
    NetBIOS over Tcpip. . . . . : Disabled

G:\Documents and Settings\kassait>

```

Potential problems and ways to resolve them

When using Microsoft Windows XP operating system, sometimes it may happen that the IPv6 router sends the prefix to the PC, but it is not used by the appropriate interface.

To resolve this problem, please, unplug the network cable going from the XP PC to the router, wait 5-10 seconds, then reconnect the cable.