

OnNet(R)16 version 2.5 for Windows
Release of February 1997

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1 Introduction

OnNet(R)16 version 2.5 is a suite of networking programs to help you work effectively over a network.

If you have Microsoft TCP/IP stack (Wolverine) installed on your computer that is running the Windows for Workgroups operating system, the Setup program prompts you to choose between the Microsoft stack and the FTP Software(R) TCP/IP stack. Otherwise, Setup installs the FTP Software stack.

(A TCP/IP stack provides the basic software necessary to use the OnNet16 programs.)

The following OnNet16 TCP/IP stack-dependent programs run ONLY over the FTP Software TCP/IP stack: IPTrace, Dialer, SNMP MIB-II Server, and Statistics. These programs are installed ONLY if you use the FTP Software TCP/IP protocol stack.

OnNet16 applications are supported over the Microsoft TCP/IP 3.11b (Wolverine) stack. If you install OnNet16 on a Windows for Workgroups computer that is running Microsoft TCP/IP, the Setup program prompts you to choose between Microsoft TCP/IP and FTP Software TCP/IP.

If you choose Microsoft TCP/IP, the OnNet16 Dialer and tools for troubleshooting the network connection will NOT be installed.

If you choose FTP Software TCP/IP, Microsoft TCP/IP and dial-up adapter will be disabled; to restore them, you will need the Windows for Workgroups installation media.

1.1 System Requirements

Before you install OnNet16, verify that your PC meets the following minimum hardware and software requirements:

Processor	Intel 386 or faster
System memory	4 MB
Disk space	At least 10 MB
Operating system	Windows 3.1 or Windows for Workgroups 3.11

1.2 Before You Install OnNet16 Version 2.5

To install this release of OnNet16 version 2.5, you need to know:

- Your OnNet16 license key.
- Whether you are installing the FTP Software TCP/IP protocol stack.

If you are installing the FTP Software TCP/IP, you need to know the following information:

- Whether your network configuration supports using DHCP (Dynamic Host Configuration Protocol).

or, all of the following information:

- The IP address assigned to your network adapter(s), your network subnet mask, and the IP address or your network router(s).
- Whether your network uses DNS (Domain Name System) or NIS (Network Information System) name servers. If so, obtain from your network administrator the IP address of the name servers, your domain name, and your computer's hostname.
- Whether your network uses WINS (Windows Internet Naming Service). If so, obtain from your network administrator the IP address of the name servers and the node type (B, H, or P) you should use.

1.2.1 Before You Install Mail OnNet

If you are unable to run Mail OnNet, verify that the MAPI.DLL file in your OnNet16 directory (typically C:\PCTCP) is the only MAPI.DLL file on your computer. If you find another MAPI.DLL file, rename it.

1.3 Upgrading from previous versions of OnNet or PC/TCP

When you install new versions of OnNet16, any previously installed programs will be upgraded automatically.

Upgrades are supported from

- OnNet version 2.0 and 2.1
- PC/TCP version 4.0 and 4.1

1.4 Installing Microsoft Internet Explorer

To install Microsoft Internet Explorer

Run the Microsoft Internet Explorer Setup program provided in the IEXPLORE directory of the OnNet16 CD-ROM or on the set of Microsoft Internet Explorer disks you received with OnNet16.

2 Removed and Replaced Programs

2.1 Licensing OnNet16 Version 2.5 Programs

The licensing mechanism for products from FTP Software has changed in this release of OnNet16.

The Setup program now instructs you to enter a serial number and a license key. If you have purchased OnNet16 in single or multiple packages, these numbers are printed on the FTP Software License Package that came with your distribution. If you work at a site that has a site license, you can obtain these numbers from your network administrator.

When you install OnNet16, version 2.5, without a License Key, you can use and evaluate the product for 30 days before the product times out.

To better understand this new licensing mechanism, visit the FTP Software, Inc. Technical Support Web site as follows:

<http://www.ftp.com/techsup/ftpsoft/info/5000.html>

Although the information at this site was written for OnNet32, most of it also applies to OnNet16.

2.2 TSR Kernel, InterDrive, and NetBIOS Removed

OnNet16 does not provide the TSR programs that were available in previous versions of OnNet on CD-ROM. PC/TCP 4.1 is available for customers who require the TSR versions of the FTP Software kernel, InterDrive, and NetBIOS.

2.3 TNVT replaced by TNVTPlus

TNVTPlus replaces TNVT. See the Readme file (README.TXT) for more information.

2.4 Mosaic replaced by Microsoft Internet Explorer

Mosaic has been removed. For your convenience, the distribution includes Microsoft Internet Explorer, with its own installation program. See the Readme file for more information.

3 Setup Command Line Options

setup [/d] [/h <filename>] [/s <path>]

/d Specifies that Setup not detect network drivers.

/h <filename>

Specifies a filename to use as the setup information file.

By default Setup uses an .inf file that matches one of the following descriptions, listed in the order that Setup searches:

- o <computer_name>.inf where <computer_name> is the name of the client machine

- o <workgroup>.inf where <workgroup> is the set of client machines defined as members of a Client for Microsoft Networks workgroup (not a TCP/IP subnet)

- o Setup.inf

Use the /h <filename> switch to specify an .inf file that does not match one of the preceding filenames. (Use the Custom Install Manager program to create customized .inf files for your network clients.)

/s <path>

Specifies a folder that contains the distribution. Use this switch when the distribution is not in the same folder as the Setup program. The Setup.lst file for the distribution on disks uses this switch to run the Setup program from a temporary folder on the local hard drive.

4 Customizing the OnNet16 Setup Program

The OnNet16 CD-ROM includes a folder that has the FTP Software, Inc. Custom Install Manager Setup program. Custom Install Manager lets you create customized installation programs of FTP Software, Inc. products. For more information, read the Readme file in the CIM folder on the CD-ROM.

Because of the changes required to the Setup.inf file to support Custom Install Manager, the information about the SETUP.INF file in previous documentation no longer applies. If you have

access to a computer that runs Windows 95 or Windows NT 4.0, you should use Custom Install Manager to create custom installations.

If you do not have access to such computers, visit the Technical Support area of the FTP Software, Inc. Web site (currently, <http://www.ftp.com/techsup/quick-help/docs>).

If you have the disk version of OnNet16, you can order Custom Install Manager disks.

5. Known Limitations

5.1 Installing NDIS2 Drivers

Although the Setup program might appear to install an NDIS2 network driver from a disk that you supply, it might not successfully copy or configure the driver.

If, when you restart your system, you receive the following message in DOS:

```
PCTCPAPI083: 5.0 PC/TCP kernel and VxD not loaded.
```

1. Copy the driver to your system and add to the CONFIG.SYS file a line to load the driver, so that the file contains three lines similar to the following:

```
device=c:\pctcp\protman.dos /I:C:\c:\pctcp
device=c:\pctcp\drivername.dos
device=c:\pctcp\dis_pkt.gup
```

2. Verify the existence of a PROTMAN.DOS file and a PROTOCOL.INI file on your system.
3. Verify entries in the PROTOCOL.INI file similar to the following:

```
[PKTDRV]
DriverName= PKTDRV$
intvec= 0x60
chainvec= 0x62
Bindings= drivername_section
```

Where *drivername_section* is the name of a section of the PROTOCOL.INI file.

3. Using the information in Chapter 5 of the *Advanced User's Guide*, verify that the AUTOEXEC.BAT, CONFIG.SYS, PROTOCOL.INI, and PCTCP.INI files are properly configured.

5.2 Preventing Unexpected Dial-up

The Setup program enters a setting in the PCTCP.INI file that, together with Dial-on-Demand, might cause a modem to dial. If you do not use PC/TCP NetBIOS (usually used with Microsoft Windows for Workgroups Network), you can prevent the modem from randomly dialing by setting `vnbeb=no` (where the default is `yes`) in the `[pctcp vxdinit]` section of the PCTCP.INI file. If you do use PC/TCP NetBIOS, you can disable Dial-on-Demand.

5.3 Removing the Microsoft TCP/IP Protocol Stack

If, during the installation program you choose to replace the Microsoft TCP/IP Protocol Stack (Wolverine) with the FTP Software stack, the Setup program correctly installs the new stack but does not remove the Microsoft stack. As a consequence, the programs do not successfully run.

You can remove the Microsoft stack yourself either before or after you install OnNet16. To do so, perform the following steps:

1. From the Windows Program Manager, choose Network Setup.
2. In the Network Setup dialog box, choose Drivers.
3. In the Drivers dialog box, choose Microsoft TCP/IP Stack and then choose Remove.