

ZyXEL Prestige Network Commander for Broadband 300 Series v2.30 Release Note

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This release note describes the First Customer Shipment (= FCS) release of ZyXEL Prestige Network Commander (PNC) for Broadband 300 Series Version 2.30 (05/19/2000)

Please read through the introduction section for a description of this product, and go to Installation and Setup for details on how to use the Prestige Network Commander. Please be sure to review the Know Problems list before starting to use PNC.

Introduction:

PNC is primarily designed for users to configure the Prestige to provide Internet access for their LAN. The target network environment is a small number (<5) of PCs using the Prestige DHCP service for IP address assignment.

This release of PNC focuses on the following items:

1. The installation process of PNC. We make the PNC installation more than merely a conventional software installation. We call it Network Installation Wizard. We will programmatically check the network environment of the PC and install them if necessary or ask the user to confirm the hardware setup before proceeding to the next step. If the PC system does not have the TCP/IP protocol stack installed, the Network Installation Wizard will ask the user to insert the Windows CD-ROM into the CD-ROM drive. The main features include:

- 1-1. Network Interface Card (NIC) detection
- 1-2. Cable connection (between the PC and the prestige) detection
- 1-3. TCP/IP protocol stack installation and reboot to PNC (Only for Windows 95/98)
- 1-4. PNC installation
- 1-5. Browser installation for on-line Help.

2. PNC itself contains three executable files - Internet Access Wizard, Advanced Setup and Firewall Setup.

2-1. Internet Access Wizard Setup

The Internet Access Wizard Setup is meant for users that are configuring the Prestige for the first time.

2-2. Advanced Setup

The Advanced Setup gives the user accesses to monitor the LAN and WAN status of the Prestige.

2-2. Firewall Setup (Only available for P312)

The Firewall Setup can let users setup the firewall function.

If there is only one Prestige found, PNC will try to log in using the default password. If the password is incorrect, it will pop up a dialog to ask the user to enter the password.

If there are more than one Prestige found, PNC pops up a "Open" dialog. The open dialog lists all the Prestige found in the LAN for user to choose. In order to simplify the design, only one Prestige can be chosen at one time.

All Setup provide On-line Help files in HTML format.

Software Environment:

System Requirements:

The PNC Software is a 32-bit Windows-based, TCP/IP network configuration utility. It will be installed on a PC connected to LAN. For best performance, it is recommended that the user has the followings:

1. IBM Personal Computer (or 100% compatible) with Pentium or better CPU
2. At least 16 MB of RAM
3. Prestige Router
4. Ethernet Network Interface Card
5. Windows 95/98 or Windows NT 4.0 Operating System
6. **Recommended resolution display is 800*600 (small font), 256 colors or above.**

Hardware Setup:

To run PNC, you need a Prestige router and a Windows-PC connected to the LAN. The hardware setup must be done manually by the user. However, we will check to ensure in the PNC installation program that hardware has been setup properly.

Supported Platforms:

PNC for Broadband Series v2.30 supports the following router series:

Prestige 310	ZyNOS v2.51(M.02)
Prestige 312	ZyNOS v3.00(S.00)

If you need to upgrade the firmware on your Prestige, get the files from ZyXEL anonymous FTP server (ftp.zyxel.com). Some known problems with the PNC are stated in the Known Problem List section.

Installation and Setup:

For the initial release of the PNC, the files will be distributed on a CD-ROM. For future releases, you will be able to retrieve the files from ZyXEL anonymous FTP server (ftp.zyxel.com)

Before running the program, please verify the following items:

- The Prestige and the PC are connected to the same Ethernet network.
- The Prestige is powered on.

To run PNC, follow these steps:

1. Click **Start** and select **Programs**
2. Select **ZyXEL PNC for Broadband 300 Series v2.30**.
4. This should load the PNC opening screen.

Enhanced Features:

1. P310 - Support PPTP Configuration.
2. P312 support, including Firewall.
3. Support French/Chinese/Japanese.

Known Problems:

- 1. Sometimes, PNC has problems with two NIC cards installed in one PC.
- 2. Scroll bars should scale if window resize.
- 3. Let "sys stdio 0", run PNC and EXIT, "sys stdio" value becomes 5 again. (firmware update error).
- 4. P310 f/w: 2.51(M.02)b01 Advanced, Remote Node, let WAN IP= Dynamic. Go to Diagnostic, WAN DHCP release/renew, after renew, PNC always reports "renew fails" unless pressing "Refresh" button again. (In fact, the renew is successful.)