

Title: Adding IP Addresses To Cisco PIX Hardware Firewall Device Manager

Subtitle: Dedicated Windows

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Translation rules must be added for all new IP addresses. When the Cisco PIX 501 hardware firewall is installed, the translation rules for existing IP addresses are created automatically. For each new IP address, you create two static translation rules, one outside traffic and one for inside traffic. **NOTE:** For this example, we will use 22.33.44.55 to represent the new IP address. It is assumed that the next available internal IP address is 10.0.0.2. To Add an IP Address to the Cisco PIX 501 Firewall In a Web browser, navigate to: [https://\[your firewall management IP address\]/](https://[your firewall management IP address]/) You may receive a number of security certificate warnings. If you accept the certs and save them as "Trusted," you will avoid warnings in the future. Enter your **User name** and **Password**, and then click **OK**. **NOTE:** Your browser must have Java enabled and allow pop-ups from your firewall management IP. In the Device Manager toolbar, click the **Configuration** icon. Click the **Translation Rules** tab. Click the **Translation Rules** radio button. Click the **New Rule** icon. In the window, enter the following information: Interface: Inside IP Address: 10.0.0.2 Mask: 255.255.255.255 Translate address on interface: outside Translate address to: select (x) static IP Address: 22.33.44.55 Click the **New Rule** icon. In the window, enter the following information: Interface: Outside IP Address: 22.33.44.55 Mask: 255.255.255.255 Translate address on interface: inside Translate address to: select (x) static IP Address: 10.0.0.2 Add 10.0.0.2, the internal IP address, to your server. **Windows** In the advanced section of your local area network TCP/IP settings, add the internal IP, using the 255.255.255.0 netmask. **Linux** At root, copy `"/etc/sysconfig/network-scripts/ifcfg-eth0"` to `"/etc/sysconfig/network-scripts/ifcfg-eth0:0"`. Edit `/etc/sysconfig/network-scripts/ifcfg-eth0:0` changing the IP to the new IP and change the DEVICE to equal eth0:0. Restart your networking with: `service network restart` **NOTE:** IP address allocation is monitored. Attempting to add IP addresses to your server that have not been purchased is a violation of your terms of service agreement and may result in the suspension of your account.