

# Installing Network Security 6.0

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## Before You Install

Before starting your install, make sure you do the following:

### **System Values**

It is PowerTech's goal not to change system values on customer systems because we recognize that security-conscious organizations have rigorous change control processes in place for even small changes to system values. Therefore, we ask you to make any system value changes that are needed. However, the Network Security installation process could change a system value to allow the install to proceed if a system value is not set as specified below. If the Installation Wizard changes a system value during install, it changes it back to its original value when the install completes.

To install PowerTech Network Security on your system, the following system values that control object restores must be configured as shown.

- Set QALWOBJRST to \*ALWPGMADP (at a minimum) to allow the system to restore programs that adopt authority. Many PowerTech Network Security programs adopt the authority of the product owner, rather than forcing you to give authority directly to administrators and end users.

Note: The install will work if QALWOBJRST is set to \*ALL, but PowerTech does not recommend using this value.

- QALWUSRDMN controls which libraries on the system can contain certain types of user domain objects. You should set the system value to \*ALL or include the name of the Network Security product library (PTNSLIB and QTEMP as a minimum) for the product to function properly.
- Set QVIFYOBJRST to 1, 2, or 3. This allows Network Security to restore all objects regardless of their signature. (**Note:** If you normally check signatures, remember to check this system value after the Network Security install process completes.)
- Set QFRCCVNRST (Force conversion on restore) to 0, Do not convert anything.
- Set QALWJOBITP (Allow jobs to be interrupted) to 1. This allows jobs to be interrupted to run user-defined exit programs. All new jobs that become active will default to be uninterruptible.

### **Auditing**

Before installing Network Security, you should set up a journal to record Network Security's transaction auditing data.

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## System Requirements

Network Security requires the following:

- IBM i (i5/OS, OS/400) version V5R4 or higher
- 256 MB of disk space
- Current IBM-supported PTF level

## Installation

You install Network Security 6 directly from the PowerTech Web site, [www.powertech.com](http://www.powertech.com). The installation process is completely automated. Do the following to perform the installation:

1. Download the Network Security 6.0 Installer to your PC.
2. Double-click the .exe file to start the Installation Wizard. When prompted, enter the name of the system on which you want to install Network Security, a user ID, and password.

**Note:** Make sure the user profile is a member of the user class \*SECOFR and has at least the following special authorities: \*ALLOBJ, \*SECADM, \*JOBCTL, \*IOSYSCFG, and \*AUDIT. The user profile should have Limit capabilities set to \*NO.

3. The Wizard installs Network Security 6.0 on your System i and places a copy of the User Guide on your PC desktop. When the installation completes, click Finish to remove the Wizard from your PC.

The installation process displays the job log name, user, and job log number. Use the WRKSPLF command to display the job log for complete information on the Network Security install.

To verify that Network Security installed successfully, enter the following command to display the PowerTech Network Security window, which shows the release and modification level of the product:

### PTNSLIB/LPRDVRM

```
PowerTech Network Security
Relmod . . . . . : R06M00
Relmod Date . . . : 1100429

OS version. . . . : V6R1M0

Serial number . . : 1043D9D
Model . . . . . : 520
Processor feature : 7736
Logical partition : 7

Processor group . : P20

Type . . . . . : 9406

F3=Exit  F12=Cancel
```

**Continued**

Network Security installs the following product libraries, profiles, authorization lists, commands, objects, and exit points on your system.

Installed on System	Description
2 Libraries	Product Libraries: PTNSLIB and PTWRKMGT
3 Profiles	<ul style="list-style-type: none"> <li>• PTNSOWN, which has special authorities *ALLOBJ, *SECADM, *JOBCTL, *AUDIT, and *IOSYSCFG</li> <li>• PTNSADM, which has no special authorities</li> <li>• PTWRKMGTOW, which has no special authorities</li> </ul> <p><i>(All these profiles are set to Password = *NONE so that they can't be used to sign on to the system.)</i></p>
Authorization Lists	<ul style="list-style-type: none"> <li>• PTNSADM—PowerTech Network Security Administrators</li> <li>• PTNSDTA—PowerTech Network Security Data Objects</li> <li>• PTNSPGM—PowerTech Network Security Programs</li> <li>• PTNSRPT—PowerTech Network Security Reports</li> </ul>
Commands	<ul style="list-style-type: none"> <li>• WRKPTNS</li> <li>• POWERLOCK</li> <li>• PLNSREPORT</li> </ul> <p><b>Note:</b> The Network Security installation program places these commands in the PTNSLIB library. They are copied to QGPL when you activate Network Security.</p>
PowerTech-created Exit Points	<ul style="list-style-type: none"> <li>• POWERLOCK_SECURESCN</li> <li>• POWERLOCK_WRKMGT</li> <li>• POWERLOCK_NS</li> </ul>

## After You Are Done

After you install Network Security, see the Network Security Administrator's Guide for complete information on set up and activation.

**If you have any questions or problems, please call  
PowerTech Technical Support at 253-872-7788.**