Server 2008

Installation Requirements

ShoreWare servers require IIS, COM+, SMTP, and FTP. Other required tasks include changing the SMTP and FTP startup type to automatic.

The following sections describe the selections required at pivotal steps in the installation process. These steps must be completed as a prerequisite to installing or upgrading the ShoreWare components discussed in this section.

NOTE: Windows Server 2008 must be activated through Microsoft before installing ShoreWare Server and Remote Server.
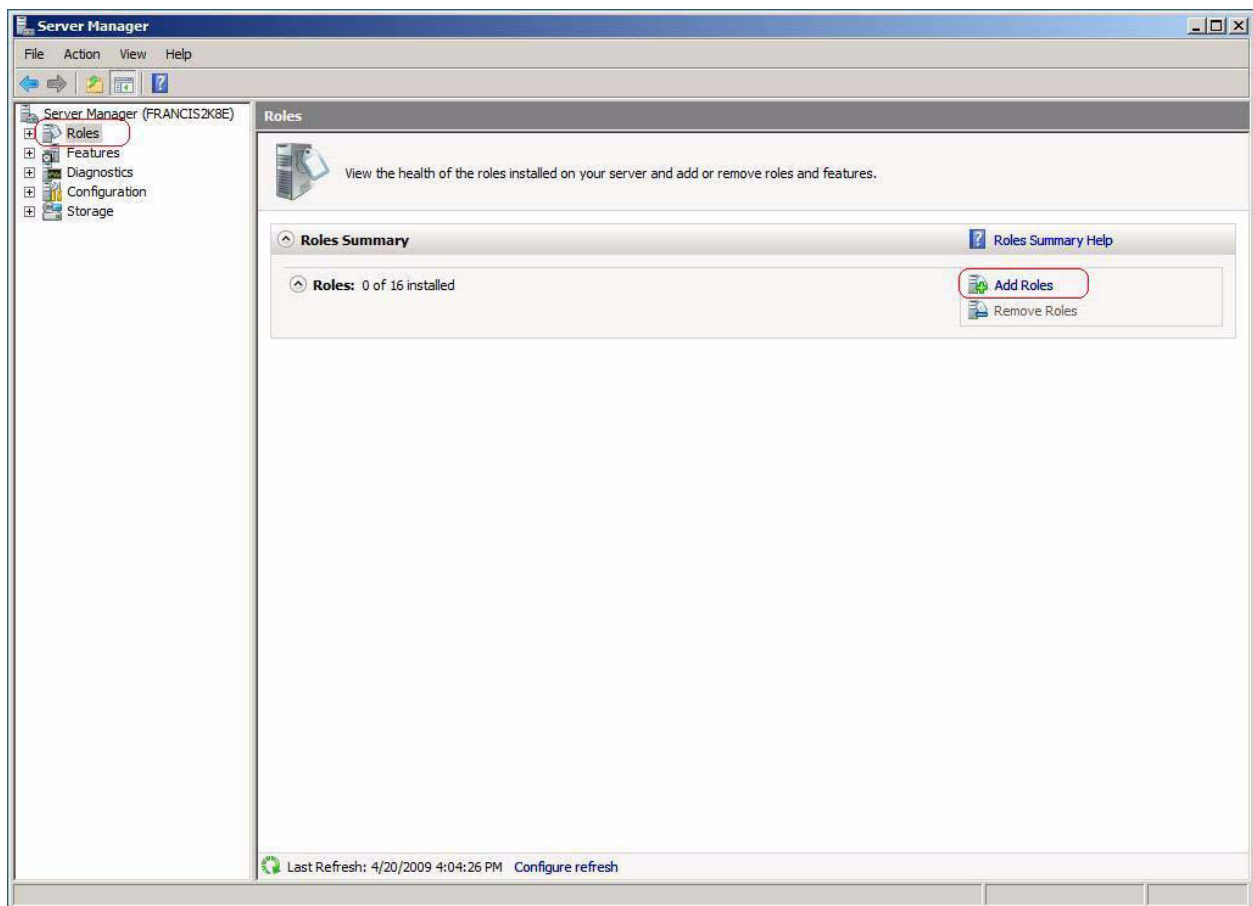
Application Server Role
Figure 2 displays the required roles for the Application Server for ShoreTel. Selecting IIS and COM+ ensures the installation of these services.

Step 1 Click the Server Manager icon on the Task bar or, select *Start -> Programs ->*
Administrative Tools -> Server Manager.

Step 2 In Server Manager right-click *Roles* and select *Add Roles* from the pop-up menu.

Note: You can also click the *Add Roles* icon on the right pane

Figure 1 Installation Windows Role Services

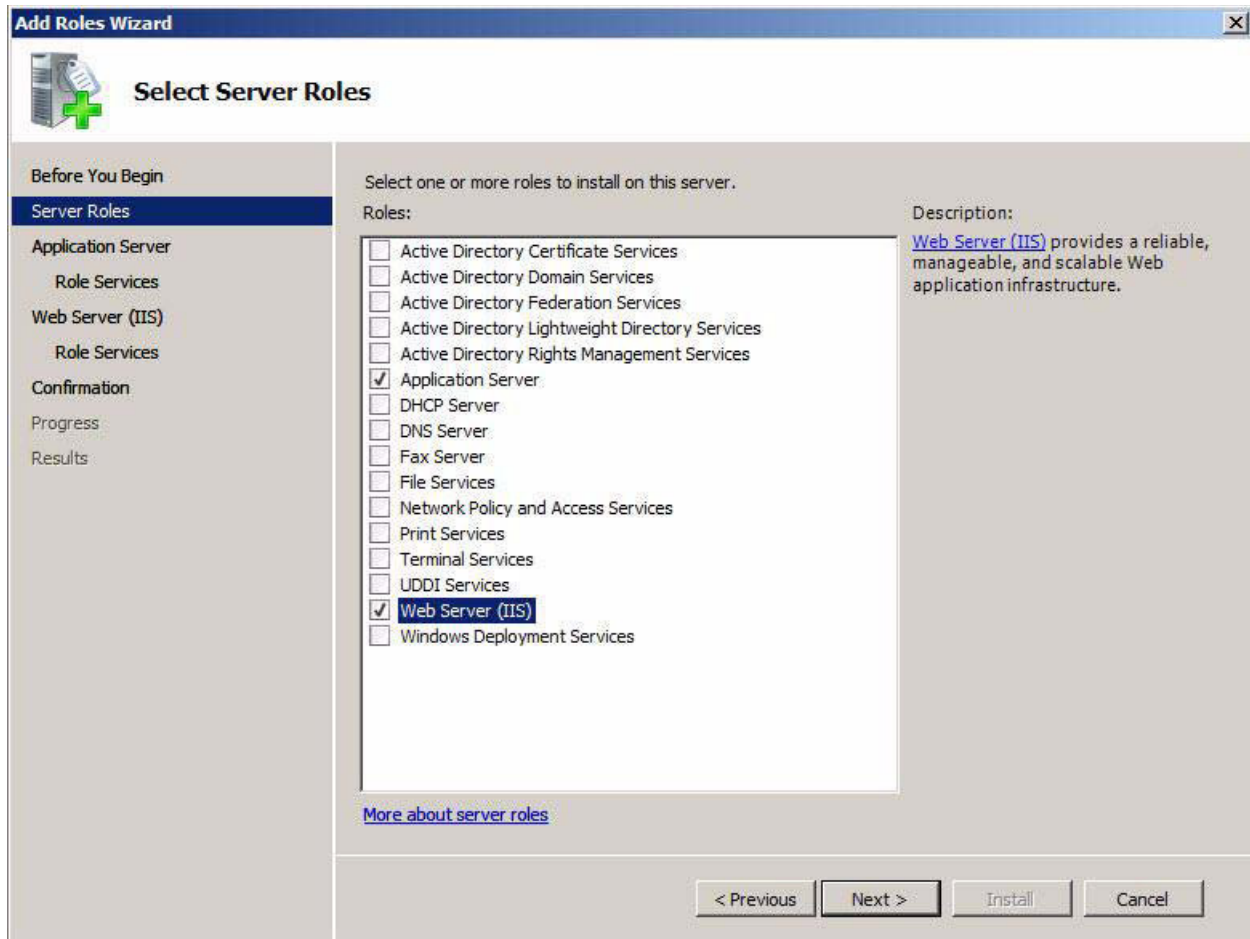**Step 3** In Add Roles Wizard, click *Server Roles* on the left pane

Figure 2 Required Server Roles

Step 4 In the Roles pane, click *Application Server* and *Web Server (IIS)*.
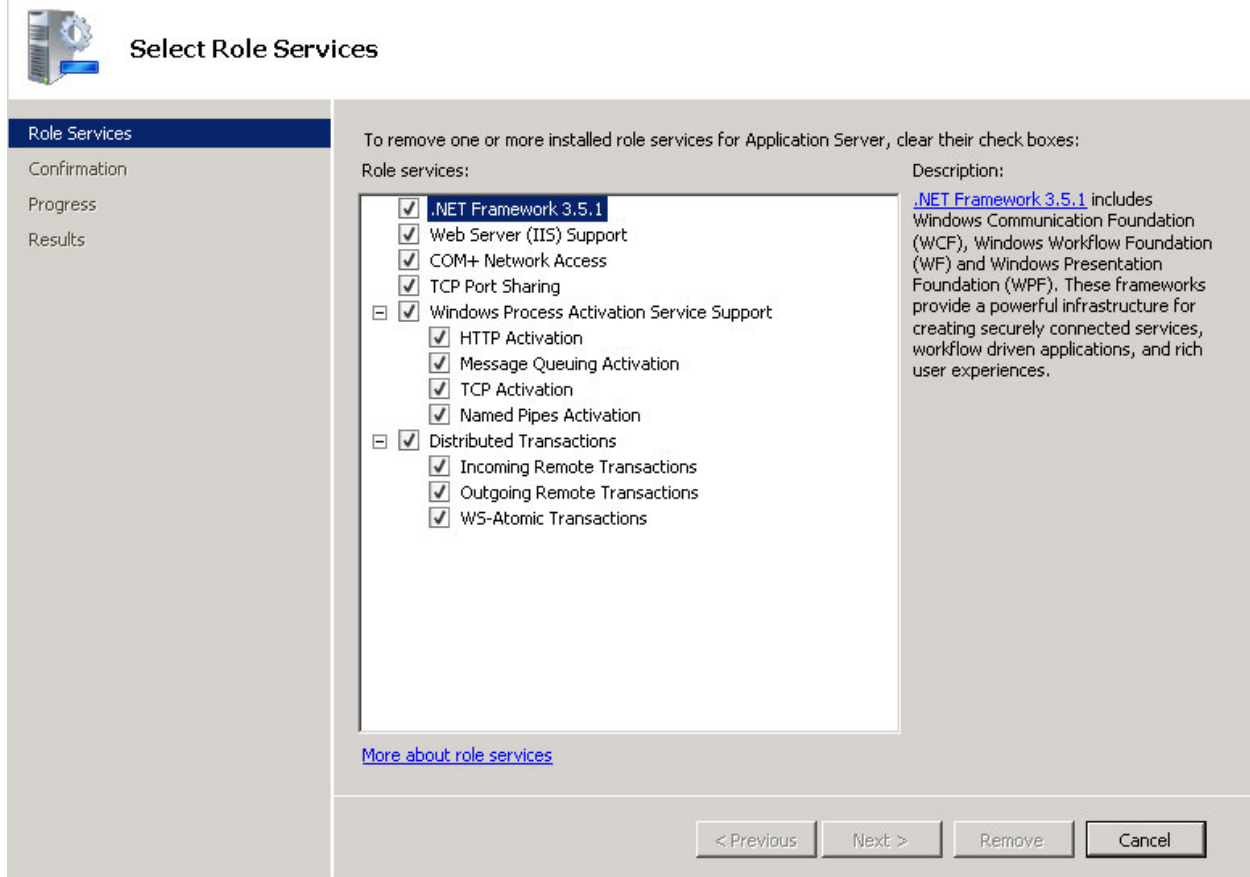
Figure 3 Required Application Server Role Services

Step 1 *Access the Server Manager*

Step 2 C*lick on Server->Add Role Services under Application Server*

Step 3 *Sleet all Role service as noted in Figure 3*
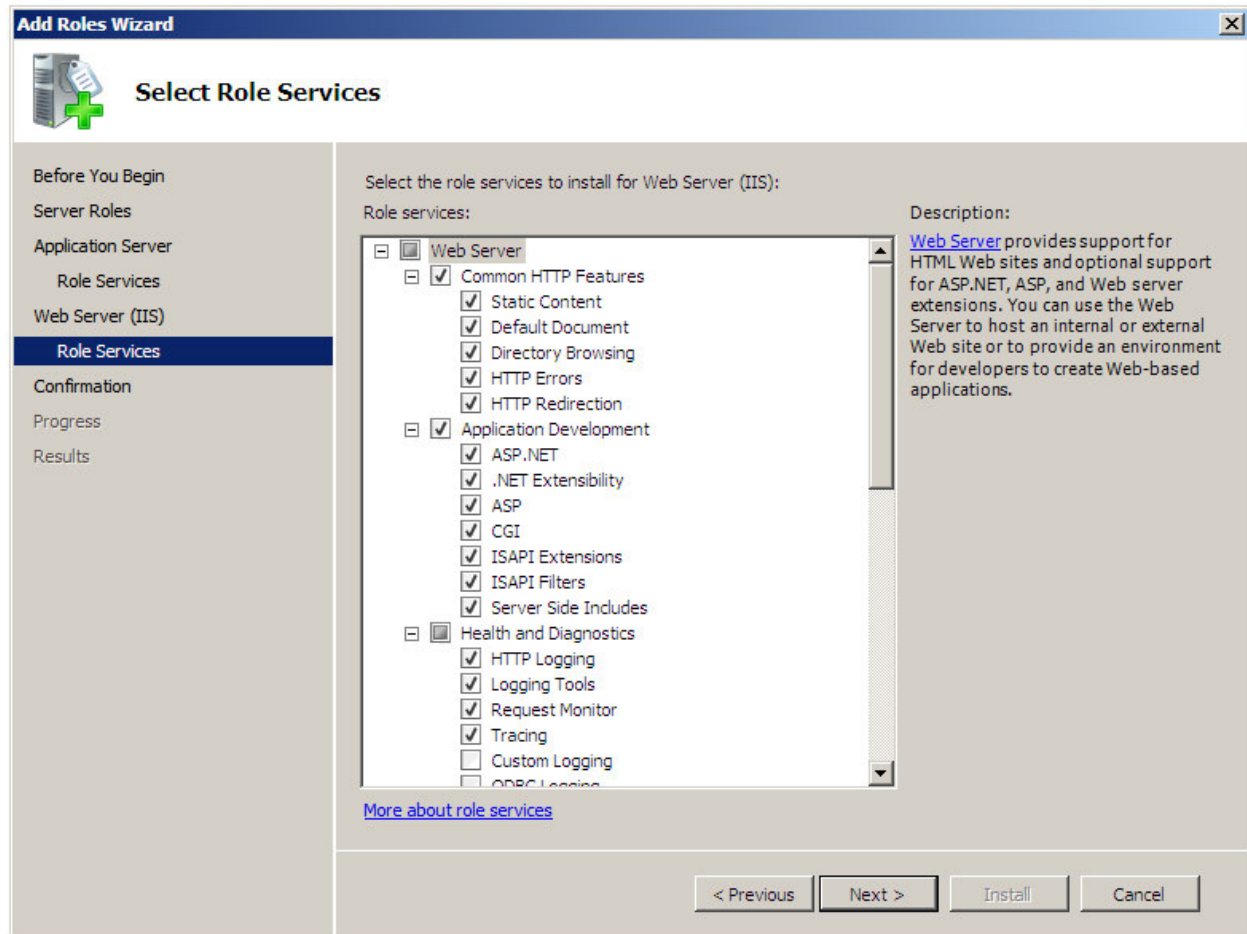
Figure 4 Required Web Server Role Services

Step 1 *Access the Server Manager*

Step 2 C*lick on Server->Add Role Services under Web Server (IIS)*

Web Server Role Services
• Select all Common HTTP Features
• Select all Application Development Features
• Select the following Health and Diagnostics Features
— HTTP Logging
— Logging Tools
— Request Monitor
— Tracing
• Select all Security options
• Select all Performance options

NOTE: You may need to scroll down the Web Role Server window to see all the available options.

Management Tools – select all Management Tools options

FTP Publishing Service – select all FTP Publishing Service options

Microsoft Server Features

Figure 4 displays the Select Features Installation panel. ShoreWare requires the installation of the SMTP Server
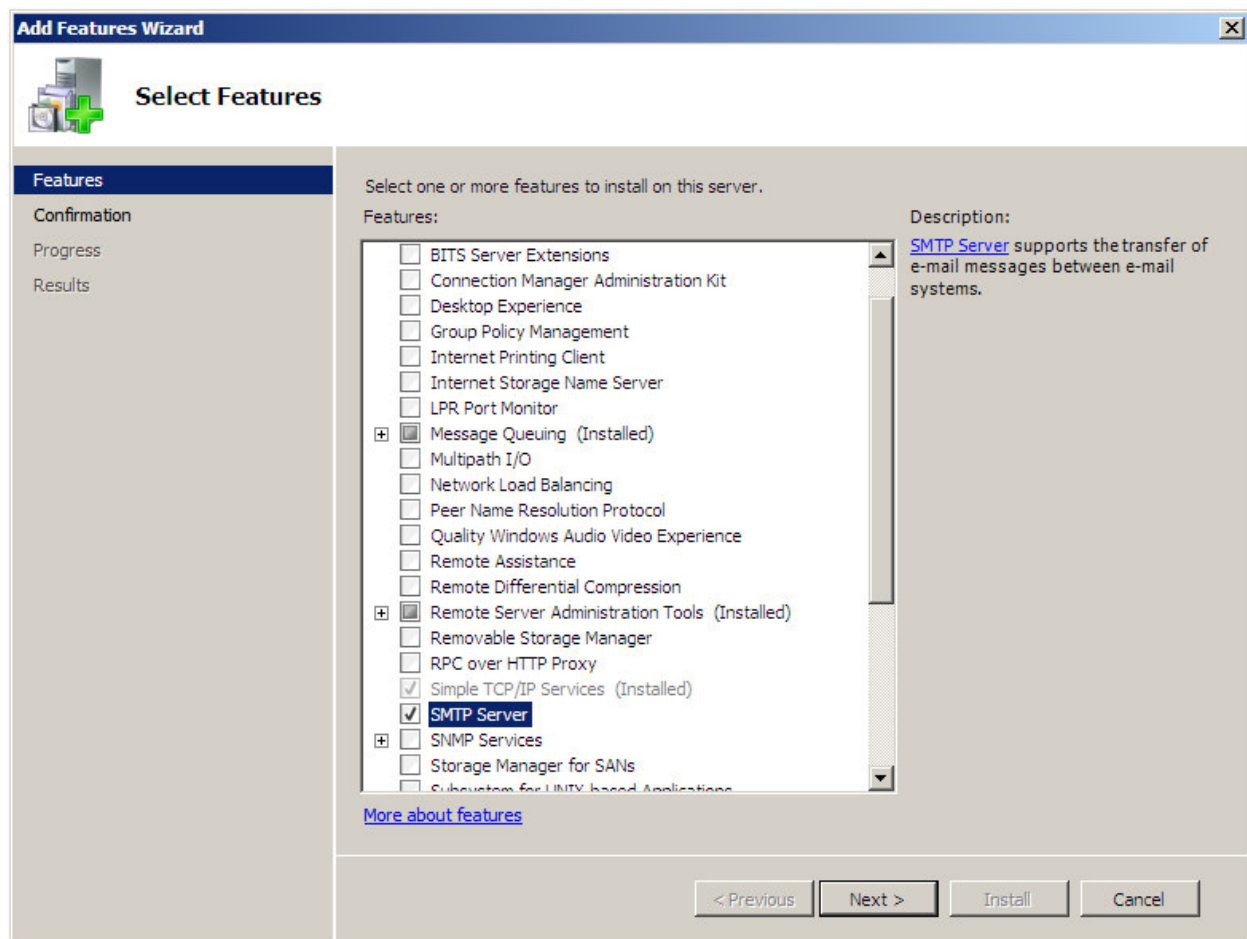
. **Figure 4 Selecting SMTP Server**

Microsoft Server Feature Properties

After SMTP and FTP are installed, the startup type must be changed from manual to automatic. The following procedure changes the startup type for SMTP and FTP.

NOTE: Verify that the FTProot folder in the Inetpubs directory has at least read access.

Step 1 Access the Services table by selecting *Server Manager -> Configuration -> Services*.

Step 2 Open the Simple Mail Transfer Protocol (SMTP) Properties panel by right clicking *Simple Mail Transfer Protocol* and selecting **Properties** on the context menu.

Server Manager

File   Action   View   Help

Server Manager (TPATTANAIK320S
- Roles
- Features
- Diagnostics
- Configuration
  - Task Scheduler
  - Windows Firewall with Adva
  - Services
  - WMI Control
  - Local Users and Groups
- Storage

Services

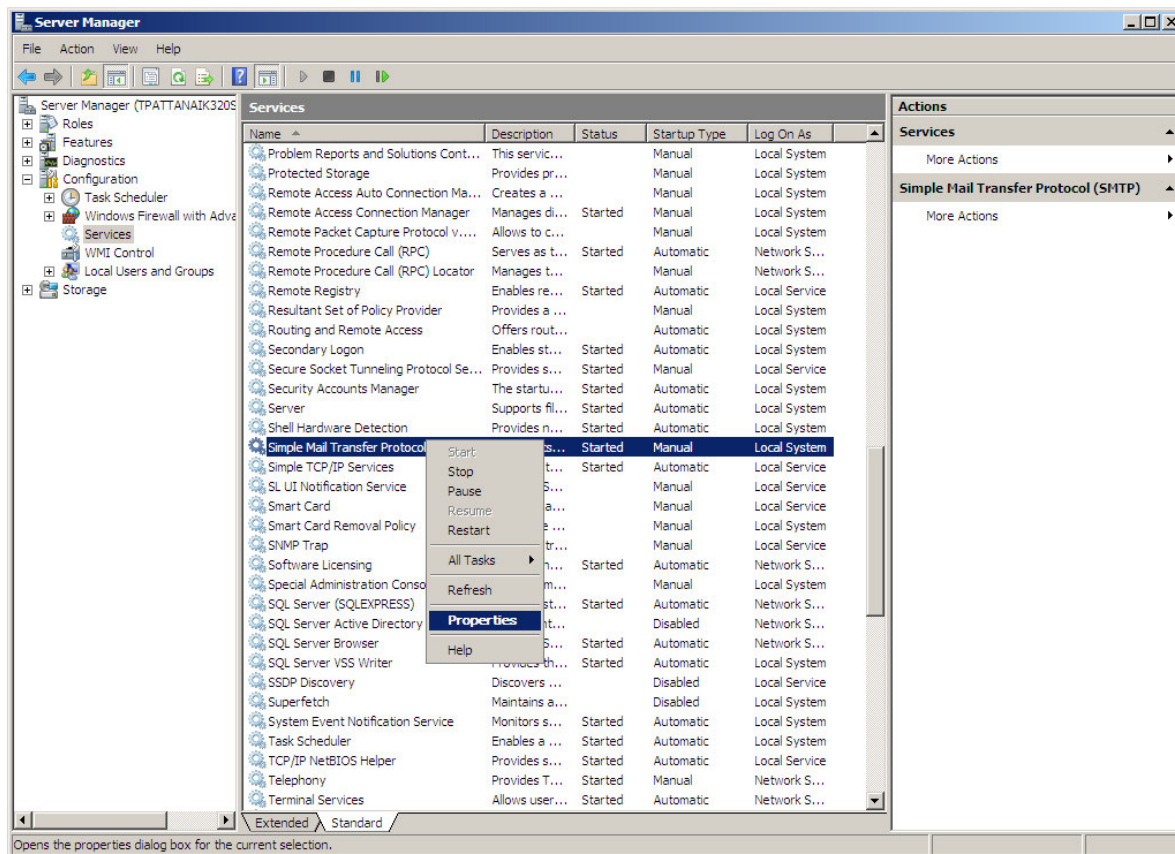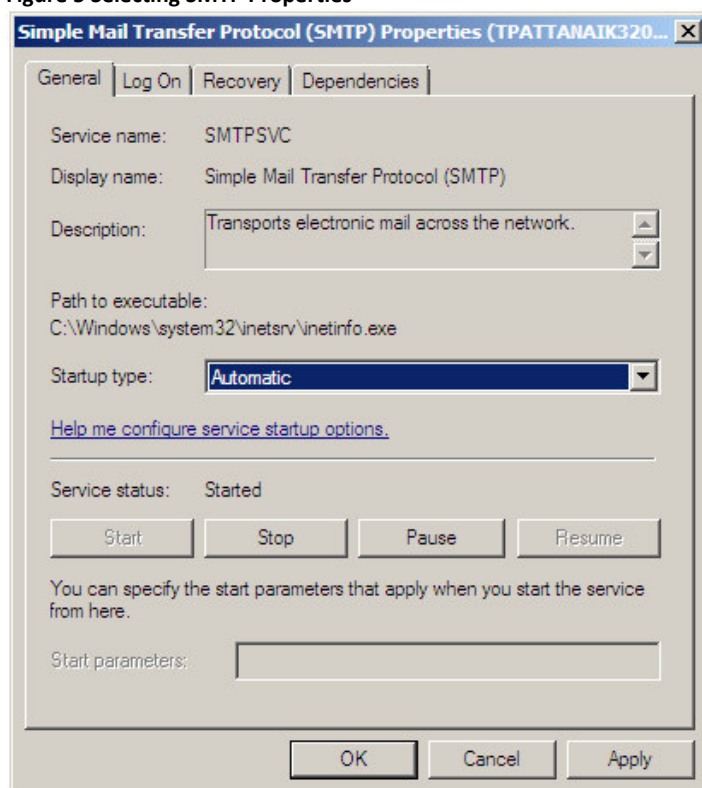| Name	Description	Status	Startup Type	Log On As
Problem Reports and Solutions Cont...	This servic...		Manual	Local System
Protected Storage	Provides pr...		Manual	Local System
Remote Access Auto Connection Ma...	Creates a ...		Manual	Local System
Remote Access Connection Manager	Manages di...	Started	Manual	Local System
Remote Packet Capture Protocol v....	Allows to c...		Manual	Local System
Remote Procedure Call (RPC)	Serves as t...	Started	Automatic	Network S...
Remote Procedure Call (RPC) Locator	Manages t...		Manual	Network S...
Remote Registry	Enables re...	Started	Automatic	Local Service
Resultant Set of Policy Provider	Provides a ...		Manual	Local System
Routing and Remote Access	Offers rout...		Automatic	Local System
Secondary Logon	Enables st...	Started	Automatic	Local System
Secure Socket Tunneling Protocol Se...	Provides s...	Started	Manual	Local Service
Security Accounts Manager	The startu...	Started	Automatic	Local System
Server	Supports fil...	Started	Automatic	Local System
Shell Hardware Detection	Provides n...	Started	Automatic	Local System
Simple Mail Transfer Protocol	...s...	Started	Manual	Local System
Simple TCP/IP Services	t...	Started	Automatic	Local Service
SL UI Notification Service	S...		Manual	Local Service
Smart Card	a...		Manual	Local Service
Smart Card Removal Policy	e...		Manual	Local System
SNMP Trap	tr...		Manual	Local Service
Software Licensing	n...	Started	Automatic	Network S...
Special Administration Conso	m...		Manual	Local System
SQL Server (SQLEXPRESS)	st...	Started	Automatic	Network S...
SQL Server Active Directory	nt...		Disabled	Network S...
SQL Server Browser	s...	Started	Automatic	Network S...
SQL Server VSS Writer	...s th...	Started	Automatic	Local System
SSDP Discovery	Discovers ...		Disabled	Local Service
Superfetch	Maintains a...		Disabled	Local System
System Event Notification Service	Monitors s...	Started	Automatic	Local System
Task Scheduler	Enables a ...	Started	Automatic	Local System
TCP/IP NetBIOS Helper	Provides s...	Started	Automatic	Local Service
Telephony	Provides T...	Started	Manual	Network S...
Terminal Services	Allows user...	Started	Automatic	Network S...

Context menu:
Start
Stop
Pause
Resume
Restart
All Tasks
Refresh
Properties
Help

Actions

Services
- More Actions

Simple Mail Transfer Protocol (SMTP)
- More Actions

Extended \ Standard

Opens the properties dialog box for the current selection.

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Figure 5 Selecting SMTP Properties

Simple Mail Transfer Protocol (SMTP) Properties (TPATTANAIK320...)

General | Log On | Recovery | Dependencies

Service name: SMTPSVC

Display name: Simple Mail Transfer Protocol (SMTP)

Description: Transports electronic mail across the network.

Path to executable:
C:\Windows\system32\inetsrv\inetinfo.exe

Startup type: Automatic

Help me configure service startup options.

Service status: Started

[Start]   [Stop]   [Pause]   [Resume]

You can specify the start parameters that apply when you start the service from here.

Start parameters:

[OK]   [Cancel]   [Apply]

Figure 6 SMTP Properties panel

Step 3 Select **Automatic** on the *Startup Type* drop down menu, then click the **OK** button.

Step 4 Return to the Services table.

Step 5 Open the **FTP Publishing Service** properties panel by right clicking *FTP Publishing* and selecting **Properties** on the context menu.

Step 6 Select **Automatic** on the *Startup Type* drop down menu, then click the **OK** button.