

IBM Sterling Gentrans:Server for Microsoft Windows Option Pack

Installation Card

Version 5.3



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Introduction

This card describes how to install your IBM® Sterling Gentran:Server® for Microsoft Windows optional components. This card contains the following topics:

- Before You Begin
- How to Download Optional Components from the Internet
- How to Install Optional Components
- How to Uninstall Optional Components
- How to Select which Optional Components to Load
- Related Documentation
- Before You Begin

This section describes requirements that you must meet before you begin the Sterling Gentran:Server Options Pack installation.

Pre-installation requirements

The following are pre-installation requirements:

- Verify that Sterling Gentran:Server Version 5.3 is installed.

Reference

See "How to Validate your Sterling Gentran:Server Installation" in the Post-installation Tasks" chapter of the *IBM® Sterling Gentran:Server® for Microsoft Windows Distributed System Installation Guide* or *IBM® Sterling Gentran:Server® for Microsoft Windows Single Workstation Installation Guide* for additional information.

- If you are installing a gateway, verify that you have successfully installed and configured any associated messaging software.

Clustered environment prerequisites

To complete the installation, you must comply with the following prerequisites:

- You must be logged on to Microsoft Windows as a domain administrator.
- IP-based communications are the only communications supported with Sterling Gentran:Server on a clustered system.
- Install the Options Pack only on the node that owns the Cluster resources.
- Ensure that failback is allowed and the node on which you are installing Sterling Gentran:Server is set to "Preferred Owner" in Cluster Administrator.

Reference

For more information on using Cluster Administrator, see your Microsoft documentation.

- You must have already installed the Microsoft Windows 2000 Advanced Server operating system on each node and that you have installed either SQL Server or Oracle on a machine or machines that are accessible via the network.

Note

Support for Oracle databases does not include support for the Oracle Exadata platform.

Reference

For more information on which operating system and database management system versions are supported with Sterling Gentran:Server, see the *IBM® Sterling Gentran:Server® for Microsoft Windows Getting Started Guide*.

- You must have a basic understanding of Microsoft Windows, clustering, and SQL Server/Oracle terminology and functionality, and you have access to a database administrator (DBA) and system administrator.
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How to Download Optional Components from the Internet

Introduction

These instructions contain procedures for downloading the Sterling Gentran:Server Options Pack components from the Internet,

Downloading the Application File

To download the archive file:

Step	Action
1	In the e-mail message you received from IBM, click the link to the Electronic Software Distribution Download Area.
2	In the Security Alert dialog box, click Yes .
3	On the Login page, type the following information: <ul style="list-style-type: none"> • IBM order number • Company name • Customer ID
4	Click Login , and the system displays the Download Area.
5	Locate Sterling Gentran:Server for Microsoft Windows, version 5.3 and click Download .
6	In the File Download dialog box, click Save .
7	When the Save As dialog box opens, save the archive file to the C:\ drive. <p>Note If Internet Explorer adds a number in brackets to the name of the downloaded file (for example, gsw53[1]_OptionPack_cd.zip), rename the file on the Microsoft Windows system before you transfer it to the system where it will be installed.</p>
8	Right-click the archive file icon and extract the file to an empty directory. <p>Note A folder named OptionPack_cd is created.</p>

How to Install Optional Components

Introduction This section describes how to install Sterling Gentran:Server optional user interface components.

Procedure Use this procedure to install Sterling Gentran:Server optional user interface components.

Recommendations

- If your Sterling Gentran:Server environment includes a controller and one or more remote clients, we recommend that you complete this installation procedure on the Sterling Gentran:Server primary system controller first, followed by each Sterling Gentran:Server client. If you are running Sterling Gentran:Server in a clustered environment, you need to install the Options Pack on each node in your clustered system.
- If you are running Sterling Gentran:Server in a clustered environment and you are prompted during the Options Pack install that Setup has detected existing database tables and asks if you want to keep the existing tables, click **No** to inform Setup that you want to work with the existing tables.

Step	Action
1	<p>Are you running Sterling Gentran:Server in a clustered environment?</p> <ul style="list-style-type: none"> • If yes, complete these steps before beginning the install: <ul style="list-style-type: none"> — Move the groups containing Sterling Gentran:Server to the node on which you are currently working. — Bring all Sterling Gentran:Server service resources offline but do not bring the Sterling Gentran:Server share (typically GENSRVNT) offline. — Continue with Step 2. • If no, continue with Step 2.
2	<p>If you are installing from CD-ROM, complete the following:</p> <ol style="list-style-type: none"> a. Insert the Option Pack installation CD into your CD-ROM drive. b. If Autorun is disabled on this machine, select Run from the Start menu and continue with c. Otherwise, continue with Step 4. c. Browse to your CD-ROM drive, select Setup.exe, and click OK. <p>System Response Setup begins. The system displays the Welcome dialog. The installation wizard guides you through the installation process. Continue with Step 4.</p>

(Contd) Step	Action
3	<p>If you are installing from the Internet download, browse to the OptionPack_cd folder and run setup.exe.</p> <p>System Response Setup begins. The system displays the Welcome dialog. The installation wizard guides you through the installation process. Continue with Step 4.</p>
4	Click Next .
5	<p>Select the components that you want to install. Click Next.</p> <p>Notes</p> <ul style="list-style-type: none"> • To install the XML option, you must have previously installed the Sterling Gentran:Server Integration Components. When you install the XML option, the Sterling Gentran:Server Tutorial folder includes an XML subfolder containing the XML tutorial files. • Reference • For more information on installing Integration Components. see the Sterling Gentran:Server <i>IBM® Sterling Gentran:Server® for Microsoft Windows Installation Guide</i>. • The Advanced Data Distribution option can only be installed on your Sterling Gentran:Server primary system controller. • We recommend that you install the HTTP Message Forwarder on a machine inside your DMZ; installing this component on a machine in your Sterling Gentran:Server system is <i>not</i> recommended. <p>System Response Continue with Step 6.</p>
6	<p>Do one of the following:</p> <ul style="list-style-type: none"> • If the Optional Component dialog box is displayed, continue with Step 7. • If a dialog box is displayed stating that setup cannot proceed until specified services (Gentran, IIS, WWW, FTP, SMTP) are stopped, click OK to acknowledge the message. Click Yes at each prompt to stop a specified service. Repeat until the Optional Component dialog box is displayed, then continue with Step 7. <p>System Response The system displays the Optional Component dialog box.</p>

(Contd) Step	Action
7	<p>Did you choose to install the Communications Gateway?</p> <ul style="list-style-type: none"> • If <i>no</i>, a dialog box is displayed stating that Setup is ready to install components. Continue with Step 8. • If <i>yes</i>, at the Question dialog box, select whether you want to make this machine a communications controller. <p>System Response</p> <ul style="list-style-type: none"> • If the system displays the Microsoft Windows Logon dialog box, continue with Step 8. • If the system displays the Sterling Gentran:Server Communications Controller dialog box (with the Sterling Gentran: Server systems to which your client machine is connected), select the system in which you want this machine to be a communications controller and continue with Step 8. <p>Note You are only prompted with the Sterling Gentran:Server Communications Controller dialog box if you are installing the Communications Gateway on a machine which runs as a user interface client in multiple Sterling Gentran:Server systems.</p>
8	<p>At the Microsoft Windows Logon dialog box, enter the requested Microsoft Windows domain account information. Continue with the next step.</p>
9	<p>Click Yes to begin installation.</p> <p>System Response</p> <ul style="list-style-type: none"> • Installation begins. • If you chose to install the HTTP gateway on a machine that previously had the HTTP gateway installed on it, Setup asks if you want to keep the existing HTTP gateway database tables. If you click Yes, Setup overwrites the current tables and you will lose all your settings and data. If you click No, Setup does not overwrite the existing tables.

(Contd) Step	Action
11 (contd.)	<ul style="list-style-type: none"> • If you installed the HTTP gateway, Setup displays the Database Access dialog box to allow you to grant access to the Sterling Gentran:Server database tables to a user or group of users that you have already set up with your database management program. To grant access to the Sterling Gentran:Server database tables to the group of users you created, type EDIUSERS and click Next. <p>Note This user/group must be a valid ID or the installation cannot be completed. For SQL Server, the ID must be a valid Microsoft Windows user or group. For Oracle, the ID must be a valid user ID (Microsoft Windows groups are not recognized by Oracle).</p> <ul style="list-style-type: none"> • If you chose to install the HTTP Message Forwarder, Setup displays the HTTP Message Forwarder dialog box to enable you to select where the HTTP Message Forwarder will be installed. Click Browse to select the path and then click Next. • When the components that you selected are installed, the system asks you if you want to restart the services Setup stopped (click Yes if you want to restart services or click No if you will restart the services manually) and displays an Information dialog box that indicates installation is complete. <p>Note The Sterling Gentran:Server mailbox service may not start if you have not upgraded one of the Sterling Gentran:Server extensions to ensure its version complies with the newest release of the core product. If this service fails to start, the system will inform you with a warning message (click OK).</p>
10	Click OK at each of the information prompts to complete the installation process and to exit Setup.
11	<p>If the Sterling Gentran:Server Mailbox service failed to start, execute it manually from your Microsoft Windows Services dialog box.</p> <p>Reference For more information on how to start services, see the documentation for your Microsoft Windows operating system.</p>
12	<p>If you are running Sterling Gentran:Server in a non-clustered environment, install the Options Pack on each additional machine in your system: secondary controllers first, followed by each Sterling Gentran:Server client.</p> <p>If you are running Sterling Gentran:Server in a clustered environment, you need to install the Options Pack on each node in your clustered system.</p>

(Contd) Step	Action
13	<p>Verify that the services on which the Sterling Gentran:Server Executive service is dependent are ordered correctly. The following services must be started prior to initiating the Sterling Gentran:Server Executive:</p> <ol style="list-style-type: none"> a. Sterling Gentran:Server Audit Notification service b. Sterling Gentran:Server Mailbox service c. Sterling Gentran:Server Communications service (if installed) <p>Note For more information on how to change service dependencies, see the <i>IBM® Sterling Gentran:Server® for Microsoft Windows Administration Guide</i>.</p>
14	<p>If you are installing the Communications Gateway, use the Cluster Administrator on the primary node to create a new resource for Sterling Gentran Server Communications, which depends on the Sterling Gentran:Server Mailbox Service.</p> <p>Reference For more information on creating cluster resources, see your Microsoft documentation.</p>
15	<p>Using the Cluster Administrator on the primary node, move the Sterling Gentran:Server AUDIT NOTIFICATION service. This activity forces the replication of the registry (containing Sterling Gentran:Server entries) on the other nodes in the cluster.</p> <p>Note The move will report that the services fail and this is not a problem because it still forces the registry keys to the other nodes.</p>
16	<p>Log on to another node in the cluster and change the preferred owner to the node you are logged onto. Take the Sterling Gentran:Server Service resources offline and move the group to the current node.</p>
17	<p>Use the Options Pack Setup program to install the Options Pack on the next node in your system.</p> <p>Repeat Step 16 and Step 17 until Sterling Gentran:Server is installed on all nodes in the cluster.</p>
18	<p>After installing the Options Pack, bring all cluster resources online.</p>

How to Uninstall Optional Components

Introduction Optional components may not be uninstalled separately from the Sterling Gentran:Server system—you must uninstall the Sterling Gentran:Server system.

Reference

For more information on uninstalling Sterling Gentran:Server, see “How to Leave (Uninstall) a Sterling Gentran:Server System” in the *IBM® Sterling Gentran:Server® for Microsoft Windows Administration Guide*.

How to Specify which Optional Components are Loaded in Mailbox Server Manager

Introduction This section describes how to specify which optional components are loaded in Mailbox Server Manager, once you have installed optional components on the machines in your system. You can specify either that no gateways are loaded on a machine or that only the gateways you specify will be loaded in Mailbox Server Manager.

Note

This procedure is only valid after you have installed the Optional Components.

Procedure Use this procedure to specify which optional components are loaded in Mailbox Server Manager.

Step	Action
1	Start the Mailbox Server Manager .
2	Select the Mailbox Server. Example GentranMACHINE1
3	Right-click and select Properties . System Response The system displays the Mailbox Server properties dialog box.
4	Select the Startup tab .
5	Do you want gateways loaded on this machine? <ul style="list-style-type: none"> If <i>yes</i>, select Load only these gateways and ensure that a check mark is listed to the left of each gateway you want to be loaded on this machine. <p>Note Clear the checkmark to the left of any gateways you do not want to be loaded.</p> <ul style="list-style-type: none"> If <i>no</i> (you do not want any gateways loaded on this machine), select Do not load gateways.
6	Click OK to save your changes.

Related Documentation

Introduction

These documents, which are available on the Sterling Gentran:Server Online Documentation CD-ROM or from the Internet download, provide additional sources of information:

- **IBM® Sterling Gentran:Server® for Microsoft Windows User Guide and Administration Guide**
These guides provide in-depth information about the Sterling Gentran:Server core system.
 - **IBM® Sterling Gentran:Server® Communications for Microsoft Windows User Guide**
This guide provides a high-level overview of the Sterling Gentran:Server communications subsystem. It also describes File System Gateway and mailbox configuration procedures, how to work with distribution lists and delivery agents, error messages, and how to track messages.
 - **Optional Component Guides**
Each optional component that you purchase has its own documentation guide, which contains product-specific information and configuration instructions.
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