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IBM Application Hosting — EDI Services — Expedite Base/MVS V4.6 software supports Secure Sockets Layer TCP/IP

Overview

IBM Application Hosting — EDI Services — Expedite Base/MVS™ software is being enhanced to support Secure Sockets Layer (SSL) TCP/IP connectivity to IBM Application Hosting — EDI Services — Information Exchange. This capability lets IBM Application Hosting — EDI Services clients using the z/OS® V1.4 operating system, who want to take advantage of the value-added features provided by an Expedite communication client, connect to Information Exchange via the Internet through their Internet service provider using the new SSL TCP/IP connectivity. Communication between the Expedite client and the Information Exchange service is performed using Client X.509 Certificate authenticated SSL for enhanced security.

For added flexibility, IBM Application Hosting — EDI Services — Expedite Base/MVS V4.6 now supports communication with Information Exchange using Systems Network Architecture (SNA), TCP/IP, or Secure Sockets Layer TCP/IP. You can choose the communications protocol most appropriate for your needs.

Key prerequisites

• An IBM @server zSeries® capable of running z/OS V1.4

For a complete list of requirements, refer to the **Hardware requirements** and **Software requirements** sections.

Planned availability date

October 22, 2004

At a glance

IBM Application Hosting — EDI Services — Expedite Base/MVS software is being enhanced to support Secure Sockets Layer (SSL) TCP/IP connectivity to IBM Application Hosting — EDI Services — Information Exchange to help you with:

• Enhancing your daily business-to-business (B2B) transactions with your trading partners

• Adapting to technology changes and emerging Internet technologies

Description

IBM Application Hosting ─ EDI Services is a worldwide leader in delivering e-commerce documents, such as purchase orders and bills of lading, between trading partners. IBM Application Hosting ─ EDI Services is designed to provide you with the products, services, solutions, and training to enable electronic business transactions across the supply chain, and build a solid foundation for business-to-business (B2B) trading networks. This managed electronic transaction service is designed to provide electronic data interchange (EDI) services via an intranet, an extranet, or the Internet; and interconnects with other EDI service providers and WebSphere® MQ business applications.

The Information Exchange international mailbox service is the heart of IBM's EDI Services. Clients can send and receive information of almost any kind, from standard-format EDI transactions to XML or free-format documents.

IBM Application Hosting ─ EDI Services ─ Expedite clients who want to take advantage of the features provided by an Expedite communication client can now connect to Information Exchange via the Internet through their Internet service provider using the new SSL TCP/IP connectivity. Using an Expedite program and Information Exchange, IBM Application Hosting ─ EDI Services ─ Expedite allows you to take advantage of the following value-added features when exchanging documents with your trading partners:

- International reach
- Distribution list support
- Alias addressing
- Archive capability
- Audit capability
- Selective message receive
- Flexible message retention period

Expedite Base/MVS V4.6 allows connection to Information Exchange via a security-rich front end, and supports SSL for authentication and encryption. SSL provides encryption of the datastream (messages), plus authentication and encryption of the user ID and password. A certificate can be obtained from the following Web site for SSL TCP/IP

https://pki.services.ibm.com

The Expedite SSL support encompasses both the SSL V3 protocol and the Internet Engineering Task Force (IETF) standards track replacement, TLS V1. TLS, as specified in Request for Comment 2246 (RFC2246), is an extension to SSL V3. The Expedite programs support both SSL V3 and TLS V1.

Product positioning

The enhancement to IBM Application Hosting ─ EDI Services ─ Expedite Base/MVS provides a migration path for clients from SNA connectivity to a security-rich IP solution that takes advantage of the value-added features of an Expedite client.

Clients who wish to continue using a TCP/IP security-rich network connection instead of the Internet for connectivity can also take advantage of the additional security features provided by SSL.

Hardware and software support services

SmoothStart™ */installation services*

IBM Installation Services are provided by IBM Global Services by going to the following Web site

**http://edi.services.ibm.com/edisvcs/index.shtml**

Select Support.

Trademarks

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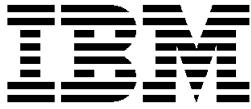
Technical information

Specified operating environment

Hardware requirements

- An IBM @server zSeries® server capable of running z/OS® V1.4.

- Additional hardware may be required to connect to Information Exchange. Contact your Information Exchange network provider.

- DASD requirements will vary depending on how the Expedite Base/MVS™ product is used. (For example, the recovery level chosen, if trace files are required.)

Software requirements

- z/OS V1.4 with APAR PQ85252.

- The following items are base elements of z/OS V1.4 used by Expedite Base/MVS:

  - Communications Server: Provides both TCP/IP and SNA support. Expedite Base/MVS uses one or the other to communicate with Information Exchange.

  - Cryptographic Services: Expedite Base/MVS uses facilities of this base element to support SSL communications. Component System Secure Sockets Layer is used for security-enhanced communications as well as certificate management.

  - Language Environment® (LE): Expedite Base/MVS requires the run-time environment provided by LE.

- For SSL TCP/IP communications, a certificate is required and can be obtained from the following Web site

   https://pki.services.ibm.com

Compatibility: The new Expedite release has the same functional compatibility as the previous releases. Clients using z/OS V1.3 or lower must use Expedite Base/MVS V4.5. They cannot take advantage of the SSL features provided by Expedite Base/MVS V4.6.

Limitations: The new Expedite release has been tested only in the environment described in the **Hardware requirements** and **Software requirements** sections. IBM does not guarantee to support this release in any other environment.

Performance considerations: Performance for the new Expedite release should be similar to performance for the current release.

Planning information

Customer responsibilities

- The site must be prepared for the appropriate systems environment. Refer to the **Hardware requirements** and **Software requirements** sections.

- Expedite Base/MVS must be installed according to the instructions in the Program Directory and Programming Guide.

- If a user program is required to work with the Expedite licensed program, the client is responsible for the designing, coding, and testing of the user program.

- Before running the Expedite Base/MVS licensed program, clients must verify that they do not currently have a session file. The last session must be completed correctly before running the new version of the Expedite licensed program.

Direct customer support: Installation and technical support is provided by IBM Global Services.

For installation and technical support, contact IBM at 877-326-6426, or go to the following Web site

   http://edi.services.ibm.com/edisvcs/index.shtml

   Select Support.

Packaging: The Expedite Base/MVS program can be ordered on the following media:

- 3480 Cartridge System Tape ─ 34 Kbpi

Note: Expedite Base/MVS is no longer available on 6250 Tape Reels.

Security, auditability, and control

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

The following publications are available:

- Expedite Base/MVS Programming Guide (GC34-2204)
- Expedite Base Programming Commands Quick Reference Guide (GC34-2328)

These publications are available for downloading, at no charge, from the following Web site

   http://edi.services.ibm.com/edisvcs/index.shtml

   Select Library.

New licensees

Orders for new licenses can be placed now.

Registered clients can access IBMLink™ for ordering information and charges.

Shipment of Expedite/MVS V4.6 will begin on the planned availability date.

Orders must specify the feature number for the desired release level.

New users of Expedite Base/MVS should specify:

- Type: 5695
- Model: EDI

Basic license: To order a basic license, specify the program number and feature number 9001 for asset registration. Specify the feature number of the desired distribution medium shown below.

Note: The group can be determined by referring to the Exhibit for IBM System/390® Machines (Z125-3901) associated with the IBM Customer Agreement (Z125-4575).

Program upgrade: Not applicable

Basic machine-readable material

Feature description	Feature number
3480 Cartridge (34 Kbpi) for V4.6	5862
3480 Cartridge (34 Kbpi) for V4.5	5882

Feature number 5861 for Open Reel Tape (#6250) is no longer available for ordering.

Customization options: Select the appropriate feature numbers to customize your order to specify the delivery options desired. These features can be specified on the initial or MES orders.

Example: If publications are not desired for the initial order, specify feature number 3470 to ship media only. For future updates, specify feature number 3480 to ship media updates only. If in the future publication updates are required, order an MES to remove feature number 3480; then, the publications will ship with the next release of the program.

Feature description	Feature number
Delivery w/o Publications (for this specific order only)	3470
Delivery w/o Machine Readable Material	3471
Delivery w/o Publications for this product (including follow ons)	3480

Expedite shipments will be processed to receive 72-hour delivery from the time IBM Software Delivery and Fulfillment (SDF) receives the order. SDF will then ship the order via overnight air transportation.

Unlicensed documentation: No publications are shipped with the announced product.

A program directory is supplied automatically with the basic machine-readable material.

The following optional publications are currently available.

Title	Publication number
Expedite Base/MVS Programming Guide	GC34-2204
Expedite Base Programming Commands Quick Reference Guide	GC34-2328

These publications are available for downloading, at no charge, from the following Web site

http://edi.services.ibm.com/edisvcs/index.shtml

Select Library.

Terms and conditions

The terms for Expedite Base/MVS as previously announced (Software Announcement 298-311, dated September 8, 1998), licensed under the IBM Customer Agreement, are unaffected by this announcement.

Prices

The charges for Expedite Base/MVS are unaffected by this announcement.

Trademarks

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