

Sterling File Gateway



Integration with EBICS

Version 2.1

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Note

Before using this information and the product it supports, read the information in "Notices" on page 3.

This edition applies to Version 2 Release 1 of IBM Sterling File Gateway and to all subsequent releases and modifications until otherwise indicated in new editions.

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Sterling File Gateway Integration with EBICS

Sterling File Gateway provides secure file transfer between internal and external partners using the same or different communication protocols, file naming conventions, and file formats. Sterling File Gateway supports movement of large and high-volume file transfers, with visibility of file movement in a process-oriented and highly-scalable framework that alleviates file transfer challenges, such as protocol and file brokering, automation, and data security.

Files move between the EBICS server and Sterling File Gateway using shared partners and mailboxes. The shared mailboxes are created when EBICS partners are created. Sterling File Gateway then uses the mailboxes for transferring files to or from EBICS partners.

For inbound scenarios, a partner uses an EBICS client to perform an EBICS order file upload (FUL) to the Sterling B2B Integrator EBICS Server, which unpackages the payload and deposits into a shared mailbox (generally of the structure /User/Partner/Inbox). Sterling File Gateway is configured to pick up the file from that mailbox, perform any needed processing, and ultimately deliver the file to a consumer mailbox.

In the outbound scenario, Sterling File Gateway is configured to deposit a message in a consumer mailbox which will be routed and stored in the /User/Partner/Outbox. The partner uses an EBICS client to perform an EBICS order file download (FDL) from the Sterling B2B Integrator EBICS Server, which packages the payload and makes it available to the EBICS client.

To ensure appropriate Sterling File Gateway operation for EBICS inbound and outbound transfer scenarios, routing channel templates and routing channels require specific configurations. Routing channel templates used in EBICS scenarios must include the configuration of provisioning facts, and routing channels using those templates must include the specification of values for provisioning facts. Provisioning facts are optional elements in an RCT that provide a controlled way to customize particular routing channels within the context of a particular routing channel template by requiring user input during routing channel creation.

EBICS Operators can search for EBICS-specific activity in the Sterling File Gateway application and view an EBICS-centric information display. An individual activity can be selected to retrieve additional detail about the EBICS transaction and related messages. EBICS Operators are assigned to the EBICS/SFG Operators group.

Alternatively, EBICS Operators can search for general activity and view a file-centric information display that includes routes and deliveries that resulted from EBICS activity.

EBICS Operators can perform basic and advanced searches for activity initiated with the EBICS protocol, and drill down to detail associated with each activity.

EBICS Operators can subscribe for notifications of specified EBICS events. When a subscribed event occurs, the subscriber receives an email notification.

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