



# **IBM® Sterling Connect:express® Application Interface for Java**

**Batch Administration Utility  
Release Notes**

**Version 1.4**

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## Product Delivery

The product is shipped on CD-ROM. This CD-ROM includes several components, among which is Sterling Connect:Express Application Interface for Java, *CXCMD\_1.4.00.zip*. The installation procedure is based on the CD-ROM content. For a detailed installation procedure, read *Sterling Connect:Express Application Interface for Java – Batch Administration Utility*.

Proceed with those two steps to install the utility:

- ❖ Read the last minutes information and installation notes
- ❖ Read and proceed with *Sterling Connect:Express Application Interface for Java – Batch Administration Utility*.

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## Modifications and Enhancements in Sterling Connect:Express Batch Administration Utility Version 1.4

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V1.4.0

### Enhancements

The following table lists the new functionalities.

Functionality	Description
Transfer	PeSIT message transfer requests with TypeOfRequest=M
Eerp and EerpContext	New components managing submission of EERP requests

### Modifications

The following table lists the modifications.

Functionality	Description
Session	BaseWindowSize added for Windows monitors
Journal	New fields SslReturnCode, SslUsed, AcknowledgedRequestNumber, SslControlDnProfile, SslClientAuthentication, RoutingCommandName, FtpExtensionProfile are returned.

### Compatibility

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<b>Component</b>	<b>Version</b>
Sterling Connect:Express for UNIX	>= V145
Sterling Connect:Express for Microsoft Windows	>= V3.0.6

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# List of Enhancements from Version 1.2

This chapter provides the backward list of enhancements delivered in successive versions from 1.3 to version 1.2.

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Version 1.3

## V1.3.6

### Modifications

The following table lists the modifications:

Modification	Description
SslClientParameter SslServerParameter	SSL client and server parameters
Certificate	X509 certificates characteristics retrieval
All components	Characters <,>,&,' et " in xml outputs

### Compatibility

Composant	Version
Sterling Connect:express UNIX	>= V143-1 with patch 143-109 for old components >= V145 for SSL parameters and certificates
Sterling Connect:express for Microsoft Windows	>= V3.0.5.001 pour old components >= V3.0.6.001 for SSL parameters and certificates

## V1.3.5

### Modifications

The following table lists the modifications:

Modification	Description
File (Sterling Connect:express for Microsoft Windows) Modes get, update et replace	Parameter TypeOfNotification (Type of the http notification) TypeOfFile = XF or XV available for a monitor on Microsoft Windows
Transfer (Sterling Connect:express for Microsoft Windows) Mode submit	Parameter TypeOfNotification (Type of the http notification) (Sterling Connect:express for Microsoft Windows) TransferSender (Pi61) and TransferReceiver (Pi62) parameters maximum size is changed from 8 characters to 24 characters. (Sterling Connect:express for Microsoft Windows) The parameter Pi99Value (max 254 characters) is available for Sterling Connect:express UNIX. Documentation was incorrect. Pi99Value can contain characters ',' and '='
Journal (Sterling Connect:express for Microsoft Windows) Mode get	Parameter TypeOfNotification is returned
Partner (Sterling Connect:express for Microsoft Windows) Modes get, update and replace	Parameters for remote DN control (SSL/TCP): RemoteClientSubjectDn, RemoteClientRootDn, RemoteServerSubjectDn, RemoteServerRootDn
Partner (Sterling Connect:express for Microsoft Windows)	PartnerPassword and LocalPassword maximum length is 8 and not 16.
Journal (Sterling Connect:express for Microsoft Windows)	FileOpenOption returns 'N' instead of 'C' (New file created).
Configuration (Sterling Connect:express for Microsoft Windows)	Returns the monitor name (key: Dpcsid or DPCI).
Configuration (Sterling Connect:express for Microsoft Windows)	Returned GMTOffset value was incorrect (Apmcli.dll).
Transfer (Sterling Connect:express for Microsoft Windows)	LocalPassword maximum length is 8 and not 16. The password is now encrypted.
File	RemotePhysicalName was incorrectly converted to upper-case.
Partner (Sterling Connect:express UNIX)	Protocol had incorrect values.
Journal (get)	In the result returned by 'journal mode=get', a new field PrcMessage has been added, showing the explanation of the Prc return code.



Journal (get)	The order of the data returned has been changed, in order to show the most important data first (For example TransferDirection)
Transfer (submit)	TransferOrigin and TransferDestination were incorrectly converted to upper-case.
Transfer (server process tom_api on UNIX)	RemotePhysicalName was set incorrectly.
Transfer (server process tom_api on UNIX)	FileRecordLength was not accepted by Sterling Connect:express on AIX.
Activity (server process tom_api on UNIX)	The command 'activity mode list' returns now the transfers in state H (Hold).
Activity et Journal (server process tom_api on UNIX)	The commands 'activity or journal mode get' display now correctly the field UserDataSent, if the Pi99 has been entered in REMOTE PHYSICAL NAME of STERM.
Journal (server process tom_api on UNIX)	TransferOrigin, TransferDestination, TransferSender and TransferDestination values were not correct.

## Compatibility

Component	Version
Sterling Connect:express UNIX	>= V143-1 avec le patch 143-121 minimum
Sterling Connect:express for Microsoft Windows	>= V3.0.5.001

## V1.3.4

### Modifications

The following table lists the modifications.

Component	Description
Journal. (Mode get. UserDataSent and UserDataReceived Sterling Connect:express for Microsoft Windows)	The parameters UserDataSent and UserDataReceived (Pi99) were not returned for a Sterling Connect:express for Microsoft Windows monitor.

## Compatibility

Component	Version
Sterling Connect:express UNIX	>= V143-1 with patch 143-109
Sterling Connect:express for Microsoft Windows	>= V3.0.4.003

### V1.3.3

#### Modifications

The following table lists the modifications.

Component	Description
Journal. (Mode get. Parameter Status)	Correction of the following problem : The command « journal status=E,mode=get » returns erroneously : Invalid Status parameter.
Partner. Modes get, update and replace	Parameters Sslparmlid et SslUsed have been added for Sterling Connect:express for Microsoft Windows servers version >= 304.003.
File. Modes get, update and replace	For a Sterling Connect:express for UNIX server, the parameter TypeOfFile can have the values « T* », « B* » or « ** ».

## Compatibility

Component	Version
Sterling Connect:express UNIX	>= V143-1 with patch 143-109
Sterling Connect:express for Microsoft Windows	>= V3.0.4.003

### V1.3.2

#### Modifications

The following table lists the modifications.

Component	Description
Journal. Mode get. Parameters MinimumDate and MaximumDate	<p>“Invalid MinimumDate/MaximumDate” was erroneously returned though the date was valid.</p> <p>Note : It is now possible to use a date having the form « YYYY/MM/DD » (equivalent to « YYYY/MM/JJ00:00:00 »).</p> <p>Note : With a Sterling Connect:express for UNIX server, it is possible to indicate only one of the two parameters MinimumDate and MaximumDate. It is not presently the case for a</p>

	Sterling Connect:express for Microsoft Windows server.
version. Mode get	The version number returned in the field CxjaiVersion was incorrect..

## Compatibility

Component	Version
Sterling Connect:express UNIX	>= V143-1 with patch 143-109
Sterling Connect:express for Microsoft Windows	>= V3.0.3.002

## V1.3.1

### Modifications

The following table lists the modifications.

Component	Description
Journal. Mode get	A complementary field XlocalPhysicalName is returned for a UNIX monitor. This field is equivalent to LocalPhysicalName, but with environment variables replaced.
Journal. Mode get	A new field SslparmId is returned for a UNIX monitor.

## Compatibility

Component	Version
Sterling Connect:express UNIX	>= V143-1 with patch 143-109
Sterling Connect:express for Microsoft Windows	>= V3.0.3.002

## V1.3.0

### Modifications

The following table lists the modifications.

Problem	Description
Mode replace (all components)	In some cases of erroneous parameters, the replace command indicates a correct execution though the component has not been replaced.

### Modifications

The following table lists the modifications.

Problem	Description				
Journal. Modes get and list	The parameters Interval and Limit enabling to limit the number of journal elements returned have been added.				
Statistics. Mode get	The parameter Limit enabling to limit the number of elements returned has been added.				
Partner	The values accepted for the protocol parameter (D : PeSIT-D, E : PeSIT-E F : FTP, 3 : Etebac3, O Odette) were incorrect. The list of accepted values is corrected as follows : <table border="1"><tr><td>If UNIX : 1 : Etebac3, 2 : FTP, 3 : PeSIT</td></tr><tr><td>Note : On UNIX, the PeSIT protocol level (D or E) is defined by the parameter protocolVersion of the session table.</td></tr><tr><td> </td></tr><tr><td>If Microsoft Windows : D : PeSIT-D, E : PeSIT-E, 3 : Etebac3</td></tr></table>	If UNIX : 1 : Etebac3, 2 : FTP, 3 : PeSIT	Note : On UNIX, the PeSIT protocol level (D or E) is defined by the parameter protocolVersion of the session table.		If Microsoft Windows : D : PeSIT-D, E : PeSIT-E, 3 : Etebac3
If UNIX : 1 : Etebac3, 2 : FTP, 3 : PeSIT					
Note : On UNIX, the PeSIT protocol level (D or E) is defined by the parameter protocolVersion of the session table.					
If Microsoft Windows : D : PeSIT-D, E : PeSIT-E, 3 : Etebac3					
Use of cxcmd by GIS adapters	Internal modifications to enable cxcmd to be used by the Sterling Connect:express adapters for GIS				

### Compatibility

Component	Version
Sterling Connect:express UNIX	>= V143-1 with patch 143-104 The patch 143-104 fixes an important problem of the server transmitting erroneously binary zeroes
Sterling Connect:express for Microsoft Windows	>= V3.0.3.002

## V1.2.1

## Modifications

The following table lists the problems that were fixed.

Problem	Description
FtpStoreUniqueUsed	The parameter FtpStoreUniqueUsed is available in the command "cxcmd transfer mode=SUBMIT".
Abnormal end of the process tom_api of a Sterling Connect:express for UNIX monitor	The server process tom_api of Sterling Connect:express for UNIX (Version before 143-1) ends abnormally when receiving a transfer request.
ExternalRequestNumber	The command "cxcmd journal mode=GET" displays the parameter ExternalRequestNumber for a Sterling Connect:express for UNIX monitor.
RemotePhysicalName	The parameter RemotePhysicalName is available in the command "cxcmd transfer mode=SUBMIT" with a Connect::Express UNIX monitor.

## Compatibility

Component	Version
Sterling Connect:express UNIX	>= V143-1 with patch 143-104 The patch 143-104 fixes an important problem of the server transmitting erroneously binary zeroes
Sterling Connect:express for Microsoft Windows	>= V3.0.3.002



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