

z/VSE Database Connector – Connection Pooling

This document contains documentation updates for APARs PM80539 and PM80540. These APARs introduced support for connection pooling for applications using the z/VSE Database Connector (DBCLI) running under CICS TS.

Updates for manual "z/VSE V5R1 e-business Connectors, User's Guide" (SC34-2629-01)

The “z/VSE V5R1 e-business Connectors, User’s Guide” has been updated to include the changes required for DBCLI Connection Pooling. Please see the z/VSE documentation web page: <http://www.ibm.com/systems/z/os/zvse/documentation/index.html#conn>

The updated document number is SC34-2629-02.

Updates for manual "z/VSE V5R1 Messages and Codes, Volume 2" (SC34-2633-01)

IESC4001E INCORRECT START MODE

Explanation: The connection pool manager transaction has been started incorrectly. It can only be started via transaction IDBS.

System Action: The connection pool manager transaction ends without taking an action.

Programmer Response: None.

Operator Response: None.

IESC4002E INVALID PARAMETER: nnn

Explanation: An invalid or unknown parameter has been specified with transaction IDBS.

System Action: Transaction IDBS ends without taking an action.

Programmer Response: Correct the parameters and try again.

Operator Response: None.

IESC4003E FAILED TO ALLOCATE MEMORY

Explanation: An attempt to allocate memory has failed.

System Action: The currently active program is terminated.

Programmer Response: Increase the CICS storage limits.

Operator Response: None.

IESC4004I ABOUT TO START DBCLI CONNECTION MANAGER

Explanation: Transaction IDBS is about to start the connection pool manager transaction IDBM.

System Action: The connection pool manager transaction IDBM is being started.

Programmer Response: None.

Operator Response: None.

IESC4005E FAILED TO START DBCLI CONNECTION MANAGER

Explanation: Transaction IDBS was not able to start the connection pool manager transaction IDBM.

System Action: Transaction IDBS ends without taking an action.

Programmer Response: Check for any additional related messages on the console.

Operator Response: None.

IESC4006I DBCLI CONNECTION MANAGER HAS BEEN STARTED

Explanation: The connection pool manager transaction IDBM has successfully been started.

System Action: The connection pool manager transaction IDBM continues processing.

Programmer Response: None.

Operator Response: None.

IESC4007W DBCLI CONNECTION MANAGER IS ALREADY ACTIVE

Explanation: Transaction IDBS was not able to start the connection pool manager transaction IDBM because it is already active.

System Action: Transaction IDBS ends without taking an action.

Programmer Response: None.

Operator Response: None.

IESC4008E FAILED TO INITIALIZE EZA API ENVIRONMENT

Explanation: The connection pool manager transaction transaction IDBM has failed to initialize the EZA API environment.

System Action: Transaction IDBM terminates.

Programmer Response: Ensure that the EZA Task related User Exit is active prior to starting the connection pool manager. Check the TCPNAME and ADSNAME options as well as the // OPTION SYSPARM='NN' and // SETPARM EZA\$PHA='routine-name' in your JCL.

Operator Response: None.

IESC4009E FAILED TO CREATE THE DBCLI TOKEN

Explanation: A call to a token services routine has failed to create a token for the connection pool manager.

System Action: Transaction IDBM terminates.

Programmer Response: Contact your IBM representative.

Operator Response: None.

IESC4010I ABOUT TO STOP DBCLI CONNECTION MANAGER

Explanation: Transaction IDBP is about to stop the connection pool manager transaction IDBM.

System Action: The connection pool manager transaction IDBM is being stopped.

Programmer Response: None.

Operator Response: None.

IESC4011E FAILED TO STOP DBCLI CONNECTION MANAGER

Explanation: Transaction IDBP was not able to stop the connection pool manager transaction IDBM.

System Action: Transaction IDBP ends without taking an action.

Programmer Response: Check for any additional related messages on the console.

Operator Response: None.

IESC4012I DBCLI CONNECTION MANAGER HAS BEEN STOPPED

Explanation: The connection pool manager transaction IDBM has successfully been stopped.

System Action: The connection pool manager transaction IDBM terminates.

Programmer Response: None.

Operator Response: None.

IESC4013I DBCLI CONNECTION MANAGER IS TERMINATING

Explanation: The connection pool manager transaction IDBM is terminating.

System Action: The connection pool manager transaction IDBM terminates.

Programmer Response: None.

Operator Response: None.

IESC4014W DBCLI CONNECTION MANAGER IS NOT ACTIVE

Explanation: Transaction IDBP or IDBQ was not able to communicate with the connection pool manager transaction IDBM because it is not active.

System Action: Transaction IDBP or IDBQ ends without taking an action.

Programmer Response: Start the connection pool manager using transaction IDBS.

Operator Response: None.

IESC4015W DBCLI TOKEN COULD NOT BE DELETED

Explanation: A call to a token services routine has failed to delete the token of the connection pool manager.

System Action: Transaction IDBM terminates.

Programmer Response: Contact your IBM representative.

Operator Response: None.

IESC4016E DBCLI TOKEN IS INVALID

Explanation: The contents of the token for the connection pool manager is not valid. This is most likely indicates that the same token name is already in use by another application.

System Action: Processing terminates.

Programmer Response: Contact your IBM representative.

Operator Response: None.

IESC4017E DBCLI CONNECTION MANAGER DID NOT RESPOND

Explanation: Transaction IDBP or IDBQ was not able to communicate with the connection pool manager transaction IDBM. It appears to be active, but does not respond in a timely fashion.

System Action: Transaction IDBP or IDBQ ends without taking an action.

Programmer Response: Make sure that the connection pool manager is active. Stop and restart it if needed. If the problem persist, then try to start the connection pool manager using the FORCE parameter.

Operator Response: None.

IESC4018E FAILED TO QUERY CONNECTION MANAGER

Explanation: Transaction IDBQ was not able to communicate with the connection pool manager transaction IDBM. It returned an error in the query response.

System Action: IDBQ ends without taking an action.

Programmer Response: Make sure that the connection pool manager is active. Stop and restart it if needed. If the problem persists, then try to start the connection pool manager using the FORCE parameter.

Operator Response: None.

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