

IBM Education Assistance for z/OS V2R2

Item: Change OPERSEWAIT default

Element/Component: TSO/E



Agenda

- Trademarks
- Presentation Objectives
- Overview
- Usage & Invocation
- Migration & Coexistence Considerations
- Installation
- Presentation Summary
- Appendix



Trademarks

- See url <http://www.ibm.com/legal/copytrade.shtml> for a list of trademarks.



Presentation Objectives

- Describe the change to the OPERSEWAIT default
- Understand how current functionality can be maintained.
- Describe the health check that can verify that the current OPERSEWAIT setting matches the preferred setting.



Overview

Problem Statement / Need Addressed

- The OPERSEWAIT setting on the SEND statement in Parmlib member IKJTSoxx determines whether WAIT or NOWAIT should be used for an OPERATOR SEND command that is issued without explicitly setting WAIT or NOWAIT. The default setting of ON has meant that SEND commands that don't explicitly indicate WAIT or NOWAIT will wait for a user's VTAM buffer to be available, and for the message to be sent. This can cause unnecessary ABENDs, and delays on the system, for example when the issuer of the SEND is holding a resource such as the SYSIKJBC exclusive enqueue on the broadcast data set.

▪ Solution

- The default will be changed to OFF. Addition of a best-practice health check

▪ Benefit / Value

- Reduced outages and delays due to outstanding SENDs.



Usage & Invocation (1 of 2)

- The OPERSEWAIT setting can be explicitly defined on the SEND section of IKJTSoxx in Parmlib.

SEND	/* SEND COMMAND	*/	+
OPERSSEND (ON)	/*	*/	+
USERSEND (ON)	/*	*/	+
SAVE (ON)	/*	*/	+
CHKBROD (OFF)	/*	*/	+
LOGNAME (BROADCAST)	/*	*/	+
OPERSEWAIT (ON)	/*	*/	

- By explicitly specifying the keyword and setting you can override any system default setting for OPERSEWAIT.



Usage & Invocation (2 of 2)

- A best practice health check (TSOE_OPERSEWAIT_SETTINGS) has been created that indicates whether the current setting matches the preferred installation setting. The preferred setting will default to OFF, but the installation will have the ability to change it to ON via a PARM on the Health Check.
 - A successful check results in
IKJH0401I OPERSEWAIT matches the preferred state.
 - An unsuccessful check results in
IKJH0402E OPERSEWAIT does not match the preferred state.



Migration & Coexistence Considerations

- To maintain equivalent function to V1R13 and below add OPERSEWAIT(ON) to the IKJTSOxx member of Parmlib.
- With the new default, SENDs may fail more frequently and message

IKJ008I USER(S) user-list AT BUSY TERMINAL(S), MESSAGE CANCELLED

may be issued more often.



Installation

- Nothing needs to be done to accept the new default behavior
- To revert to the previous behavior of SEND then OPERSEWAIT(ON) needs to be explicitly specified in IKJTSoxx.



Presentation Summary

- The default setting of OPERSEWAIT has been changed from ON to OFF.
- An installation can maintain the current behavior by explicitly adding OPERSEWAIT(ON) to IKJTSOxx.
- A health check verifies that the current OPERSEWAIT setting matches the preferred setting. The preferred setting defaults to OFF.



Appendix

▪ Publications

- *z/OS V2R2 MVS Initialization and Tuning Reference* (SA23-1380)
- *z/OS TSO/E System Programming Command Reference* (SA32-0974)
- *z/OS TSO/E Customization* (SA32-0976)
- *z/OS TSO/E Messages* (SA32-0970)
- *IBM Health Checker for z/OS User's Guide* (SC23-6843)

