

z/OS 3.1 IBM Education Assistant

Solution Name: Change OSPROTECT Default

Solution Element(s): MVS

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Agenda

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Trademarks

- See url <http://www.ibm.com/legal/copytrade.shtml> for a list of trademarks.
- Additional Trademarks:
 - None

Objectives

- Describe the change in the default for OSPROTECT for z/OS 3.1.

Overview

- Who
 - All customers, all programmers
- What
 - OSPROTECT default now encompasses mitigation level 1
- Wow
 - z/OS 3.1 by default provides the additional security protection provided by mitigation level 1

Usage & Invocation

System parameter OSPROTECT prior to z/OS 3.1 has values SYSTEM and 1 and defaults to SYSTEM.

- SYSTEM indicates that the z/OS system is to choose the mitigation level (as of z/OS 2.5, this represents the minimum mitigation level)
- 1 indicates mitigation level 1 with an increased level of protection

To help customers who might be unaware of the options get the best protection, z/OS will now interpret OSPROTECT=SYSTEM as requesting mitigation level 1. The default remains “SYSTEM” but the effect of the default changes

- Should a customer still want the minimum mitigation level, they can get that via the new specification of OSPROTECT=MIN.

The z/OS 3.1 Upgrade Workflow will contain the upgrade action associated with this default behavior change.

Interactions & Dependencies

- Software Dependencies
 - None
- Hardware Dependencies
 - See Usage & Invocation
- Exploiters
 - None

Upgrade & Coexistence Considerations

- To exploit this solution, all systems in the Plex must be at the new z/OS level: No
- No upgrade/coexistence concerns
- No toleration/coexistence APARs/PTFs

Installation & Configuration

- No unique considerations

Summary

- z/OS 3.1 OSPROTECT=SYSTEM results in mitigation level 1

Appendix

- z/OS Initialization and Tuning Reference