

# **z/OS V2.5 IBM Education Assistant**

Solution Name: Architecture Level Set

Solution Element(s): MVS



# Agenda

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- Trademarks
- Objectives
- Overview
- Usage & Invocation
- Interactions & Dependencies
- Upgrade & Coexistence Considerations
- Installation & Configuration
- Summary
- Appendix

# Trademarks

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

# Objectives

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- Describe the Architecture Level Set (ALS) for z/OS 2.5.

# Overview

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- Who
  - All customers, all programmers
- What
  - Architecture Level Set to z13 functions
- Wow
  - z/OS 2.5 requires a machine with at least z13 functionality in order to IPL

# Usage & Invocation

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- z/OS 2.5 requires the following functions (available on z13 and newer machines, and zPDT)
  - The load/store-on-condition facility 2
  - The decimal-floating-point packed-conversion facility
  - SIMD Extensions facility
- Wait state 07B if you do not meet the requirement
  - Reason x'22' is new, indicating that you do meet the ALS requirements for z/OS 2.4 but **not** for z/OS 2.5
- Programs may rely on those facilities being available

# Interactions & Dependencies

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- Software Dependencies
  - None
- Hardware Dependencies
  - z/OS 2.5 requires a machine with at least z13 functionality in order to IPL
- Exploiters
  - None

# Upgrade & Coexistence Considerations

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



# Installation & Configuration

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- No unique considerations

# Summary

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- z/OS 2.5 requires z13 functions

# Appendix

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- z/OS Planning for Installation (Identifying Server Requirements)
- z/OS MVS System Codes (wait state code 07B)