

# z/OS 2.4 IBM Education Assistant (IEA)

Solution (Epic) Name: Automount ALLOCANY and ALLOCUSER Enhancement

Element(s)/Component(s): z/OS UNIX System Services



# Agenda

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- Session Objectives
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# Trademarks

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

# Session Objectives

- To introduce enhancements to the automount allocany/allocuser options.

# Overview

- Who (Audience)
  - z/OS UNIX Admin
- What (Solution)
  - Automount enhancements will restrict automount managed file systems from being cataloged in the master catalog if desired.
- Wow (Benefit / Value, Need Addressed)
  - Automount Enhancement will prevent automount managed file systems from being cataloged in the Master Catalog.

# Usage & Invocation

- A new allocation keyword UCAT was added to be used with ALLOCANY and ALLOCUSER generic entry allocation string.
- Example of MapName:

name \*

type ZFS

filesystem OMVS.ZFS.USER.<uc\_name>

mode rdwr

duration 30

delay 10

allocany space(100,20) cyl vol(MYDISK) pathperm(777) euid **ucat**

# Usage & Invocation

- If keyword UCAT is not included in the allocation string, traditional functionality will be expected.
- When the keyword UCAT is used:
  - The high level qualifier for the new zFS automount file system must correspond to the alias in the master catalog, which points to the user catalog.
- The new keyword UCAT is only available for zFS file systems.
- Allocany and allocuser can only be used for generic entries in MapName file.

# Usage & Invocation

- New reason code, JrNoUserCat, was added in support for automount enhancements.
- 0695 JrNoUserCat
- Description : zFS file system dataset is not allowed to be cataloged in the Master Catalog.
- Action: Define an alias to the user catalog for the new zFS file system allocation and try again.



# Interactions & Dependencies

- To exploit this item, all systems in the Plex must be at the new z/OS level: No
- Software Dependencies
  - N/A
- Hardware Dependencies
  - N/A
- Exploiters
  - N/A

# Migration & Coexistence Considerations

- APAR OA56781 will apply new automount enhancement functionality to z/OS V2R2 and z/OS V2R3.
- APAR is not needed for coexistence.

# Installation

- None

# Session Summary

- New keyword UCAT can be used with ALLOCUSER and ALLOCANY allocation string to assure automount managed file systems are cataloged in an user catalog.
- If new allocation keyword is used:
  - The high level qualifier for the new zFS automount file system must correspond to the alias in the master catalog.

# Appendix

- z/OS UNIX System Services Command Reference
- z/OS UNIX System Services Messages and Codes
- z/OS UNIX System Services Planning