

z/OS 3.2 IBM Education Assistant

Solution Name: R_admin problem mode support in ITDS

Solution Element(s): IBM Tivoli Directory Server for z/OS

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Agenda

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- Objectives
- Overview
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Trademarks

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

Objectives

- At the end of this presentation, you will have an overview and understand the R_Admin problem mode support in ITDS for z/OS

Overview

- Who (Audience)
 - Allow the LDAP administrator to determine if the R_admin calls should be made in supervisor or problem state
 - Currently, the LDAP server performs the R_admin calls in supervisor state which does not check the R_admin profiles in the FACILITY class of the underlying RACF user
- What (Solution)
 - Provide a new option to control whether R_admin calls should be made in supervisor or problem state
- Wow (Benefit / Value, Need Addressed)
 - Ensures that LDAP administrators can configure whether the R_admin profiles in the FACILITY class are checked during LDAP operations

Usage & Invocation

- The radminAuthCheck option has been added to the SDBM section of the LDAP server configuration file
- radminAuthCheck {yes | no}
 - Specifies whether RACF FACILITY class authorization is requested when the SDBM backend invokes the R_admin callable service. If this option is set to yes, RACF FACILITY class authorization check is performed for each user bound to the SDBM backend. If this option is set to no, then the authorization check is bypassed.
 - Default: yes
- Note: The following IRR.RADMIN profiles in the FACILITY class controls whether users can perform the related R_Admin calls
 - ADDGROUP, ADDUSER, ALTGROUP, ALTUSER, CONNECT, DELGROUP, DELUSER, LISTGRP, LISTUSER, PERMIT, RALTER, RDEFINE, RDELETE, REMOVE, RLIST, SEARCH, SETROPTS and SETROPTS.LIST

Interactions & Dependencies

- Software Dependencies
 - None
- Hardware Dependencies
 - None
- Exploiters
 - None

Upgrade & Coexistence Considerations

- To exploit this solution, all systems in the Plex must be at the new z/OS level: No
- APAR OA65590 will have this support in 2.5 and 3.1
 - However, the rAdminAuthCheck option will default to no on these releases
 - If LDAP servers on different releases share the configuration file, then the older releases will need the support in OA65590.
- Since the rAdminAuthCheck option defaults to yes, it will affect the behavior of users that are accessing the SDBM backend
 - Users that do not have access to the IRR.RADMIN profiles in the FACILTY class will no longer be able to perform R_admin related functions unless they are explicitly granted access to the profiles
 - If the same functionality is required on 3.2, you would need to set the rAdminAuthCheck option to off

Installation & Configuration

- None – other than what is listed on the prior slide

Summary

- You should now have an overview and understand the R_Admin problem mode support in ITDS for z/OS

Appendix

- Publication
 - z/OS IBM Tivoli Directory Server Administration and Use for z/OS (SC23-6788)