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z/OS CA MIM for RACF Analysis and Checklist

Version 6 Release 3

VANGUARD

Integrity Professionals, Inc.

Enterprise Security Software

Using Vanguard Security Solutions to Complete DISA STIG SRR Review Procedures

z/OS CA MIM FOR RACF Analysis Process and Checklist

Modeled After:

SRR REVIEW PROCEDURES

z/OS CA MIM for RACF Checklist

Developed by DISA for the DOD

Version 6 Release 3

January 2015

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Using Vanguard Security Solutions[™] to Complete DISA STIG SRR Review Procedures

DISA Version 6.22

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__STIG ID: ZMIM0040

Default Severity: Category II

- a) Find the name of the dataset specified in the MIMPARMS DD statement in the CA MIM started task procedure.
- b) Check member MIMINIT in the dataset specified in a) above for the setting of the parameter 'SACFMDAUTH'.
- c) If the setting of this parameter is "ON", there is NO FINDING.
- d) If the setting of this parameter is not "ON", there is a FINDING.

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__STIG ID: ZMIMR000

Default Severity: Category II

- a) Consult with your systems programmer to identify the names of the CA MIM resource sharing product installation datasets (they may likely be called or begin with SYS2.MIMGR, SYS3.MIMGR).
- b) Ensure the following data set controls are in effect for the CA-MIM resource sharing installation data sets:
 - READ access to the CA MIM resource sharing installation data sets is restricted to all authorized users.
 - UPDATE or higher access to the CA MIM resource sharing installation data sets is restricted to systems programming personnel.
 - UACC (None) and NOWARNING are specified for the CA MIM resource sharing installation data sets.
 - The RACF data set rules for the CA MIM resource sharing installation data sets specify that all accesses of UPDATE or higher (i.e., failures and successes) are logged.
- c) Verify as follows:
 - 1. From the Administrator main menu, select 3.3 (Dataset Profile Reports) and press ENTER.
 - 2. Tab down to the Data Set rows and type LV next to the dataset profile for the first CA MIM data set.
 - 3. Check that UACC = None and Warning = No on the dataset profile General Information Screen.
 - 4. Review the Standard Access List and Conditional Access List on the dataset profile General Information Screen and verify that access is restricted as specified in b) above.
 - 5. Verify the 'Audit Successes' column on the dataset profile General Information screen. Underneath it should be found 'Successes Write' which means that all successful UPDATE access is logged as specified in b) above.
 - 6. Verify the 'Audit Failures' column on the dataset profile General Information screen. Underneath it should be found 'Failures Write' which means that all failed UPDATE access is logged as specified in b. above.
 - 7. Repeat steps 1-6 above for any other CA MIM dataset profiles.
- d) If UPDATE access or higher to the CA MIM installation data sets are restricted to systems programming personnel, there is NO FINDING.
- e) If UPDATE access or higher to the CA MIM installation data sets are not restricted to systems programming personnel there is a FINDING.
- f) If UACC = None and Warning = No there is NO FINDING.
- g) If UACC is not None or Warning is not No, there is a FINDING.
- h) If all accesses of UPDATE or higher are logged there is NO FINDING.

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- i) If all accesses of UPDATE or higher are not logged, there is a FINDING.

CCI: CCI-000213

CCI: CCI-002234

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STIG ID: ZMIMR001

Default Severity: Category II

- a) Consult with your systems programmer to identify the names of the CA MIM resource sharing product STC datasets (they may likely be called or begin with SYS3.MIGR).
- b) Ensure the following data set controls are in effect for the CA MIM resource sharing STC data sets:
 - READ access to the CA MIM resource sharing product STC data sets can be given to auditors and authorized users.
 - UPDATE or higher access to the CA MIM resource sharing product STC data sets is restricted to systems programming personnel and/or CA MIM's STCs and/or batch users.
 - UACC (None) and NOWARNING are specified for the CA MIM resource sharing products STC data sets.
 - The RACF data set rules for the CA MIM resource sharing STC data sets specify that all accesses of UPDATE or higher (i.e., failures and successes) will be logged if required by the IAO.
- c) Verify as follows:
 1. From the Administrator main menu, select 3.3 (Dataset Profile Reports) and press ENTER.
 2. Tab down to Data Set row, type LV next to the dataset profile for the first CA MIM resource sharing STC data sets.
 3. Check that UACC = None and Warning = No on the dataset profile General Information Screen.
 4. Review the Standard Access List and Conditional Access List areas on the dataset profile General Information Screen and verify that access is restricted as specified in b) above.
 5. If required by the IAO Verify the 'Audit Successes' and 'Audit Failures' column on the dataset profile General Information screen. They should match the access required (probably 'Successes Write' and 'Failures Write' respectively).
 6. Repeat steps 1-5 above for any other CA MIM resource sharing STC dataset profiles.
- d) If UPDATE and ALLOCATE (e.g. ALTER) access to the CA MIM resource sharing STC data sets are specified as in b) above, there is NO FINDING.
- e) If UPDATE and ALLOCATE (ALTER) access to the CA MIM resource sharing sets is not restricted as in b. above there is a FINDING.
- f) If UACC = None and Warning = No there is NO FINDING.
- g) If UACC is not None or Warning is not No, this is a FINDING.
- h) If logging is as specified in b. above there is NO FINDING.

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- i) If logging is not as specified in b) above there is a FINDING.

CCI: CCI-001499

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STIG ID: ZMIMR020

Default Severity: Category II

- a) From the Administrator main menu, select 3;4 (Security Server Reports, General Resource Profiles) and press ENTER.
- b) Tab down to "Profile". The default CA MIM profile prefix is MIMGR and if the default has been used enter 'MIMGR.*' as the generic resource profile name and hit enter to bring up the General Resource Profile Summary screen listing all the CA MIM resources.
To determine if the default profile prefix has been used
 - find the name of the data set specified on the MIMPARMS DD statement of the started task procedure.
 - find member MIMINIT in the dataset
 - the value specified in MIMINIT is the prefix for CA MIM resource profiles.
- c) Check the profiles that are displayed on the General Resource Profile Summary screen. For any profiles on the display that are found in the CA MIM RESOURCE SHARING RESOURCES table found in the z/OS STIG addendum:
 - 1. Verify that they are defined with a UACC=NONE.
 - 2. Type **LR** in the CMD column of each resource name and check that:
 - Warning is set to NO
 - The list of users and conditional access users only include users that belong to the groups specified in the CA MIM RESOURCE SHARING RESOURCES table.

** (To check if a user belongs to one of the groups in the CA MIM RESOURCES SHARING RESOURCES table:

 - Select Option 3;2 from the Administrator Main Menu (Security Server Reports, Group Profiles)
 - On the Group Reports Menu, enter 1 at the Command line (for Group Profile Summary)
 - Then tab down to Group and enter the Group Name from the resources table and hit enter.
 - On the next panel enter '**LV**' next to the group name and hit enter.
 - The 'General Information Screen' that comes up will have the list of Connected Users.
- d) If
 - Warning is not set to NO
 - UACC is not set to NONE
 - or any users are granted access who are not in the CA MIM Resource Sharing Resources table there is a FINDING.
- e) If none of the conditions in d) above are true, then there is NO FINDING.

CCI: CCI-000035

CCI: CCI-002234

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__STIG ID: ZMIMR030

Default Severity: Category II

- a) From the Administrator main menu, select 3;4 (Security Server Reports - General Resource Reports) and press ENTER.
- b) Type 1 for General Resource Profile Summary and Tab down to “CLASS: “, type ‘STARTED’ for class name.
- c) Find the CA MIM General Resource profile. If not found go to step k) below.
- d) Find the userid associated with the CA MIM started task under the STDATA segment information of the CA MIM general resource profile.
- e) Go back to Administrator main menu, select 3;1 (Security Server Reports – User Profile) and press ENTER.
- f) Tab down to User ID and enter the User ID found in Step d) above and hit enter.
- g) Page down till the Attributes section of the profile.
- h) Verify that “Protected = Yes”.
- i) If Protected = Yes, there is no FINDING.
- j) If Protected = No, there is a FINDING
- k) If CA MIM is NOT found as a General Resource profile under the STARTED class in c) above, then check if is defined in the Started Procedures Table (ICHRIN03) as follows:
 - 1. From Analyzer main Menu, go to 3;4 (Online Displays – Started Procedures Analysis) and press ENTER.
 - 2. Look for STARTED in the Source column and CAMIM in the Procname column.
 - 3. If the CA MIM started procedure does not have an R in the “M” column there is NO FINDING (an R in the “M” column indicates that either the STARTED TASK USER ID does not have the protected attribute or is not defined (these are both findings)).
 - 4. If there is an R in the “M” column, there is a FINDING.

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__STIG ID: ZMIMR032

Default Severity: Category II

- a) From the Administrator main menu, select 3;4 (Security Server Reports - General Resource Reports) and press ENTER.
- b) Type 1 for General Resource Profile Summary and tab down to CLASS and enter 'STARTED' for class name.
- c) Find the CA MIM started task procname.
- d) If found, there is NO FINDING.
- e) If not found, then check if it is defined in the Started Procedures Table (ICHRIN03) as follows:
 1. From Analyzer main Menu, go to 3;4 (Online Displays Started Procedures Analysis) and Press Enter.
 2. Look for STARTED in the Source column and the CA MIM started task proc name in the Procname column
 3. If found, there is NO FINDING.
 4. If it is not found, there is a FINDING.

CCI: CCI-000764