



Using Vanguard Security Solutions to Complete DISA STIG SRR Review Procedures

z/OS ABEND AID for RACF Analysis Process and Checklist

Modeled After:
SRR REVIEW PROCEDURES
z/OS ABEND AID Checklist for RACF
Developed by Vanguard Integrity Professionals
Version 6 Release 6
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Using Vanguard Security Solutions™ to Complete DISA STIG SRR Review Procedures

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___STIG ID: ZAID0040

Default Severity: Category II

- a) Use TSO option 3.4 to find the name of the Contents Dataset specified in the FDBDPARM DD statement in the Abend Aid started task procedure.
- b) Check the Contents Dataset for the setting of the parameter "External_Security_Enabled".
- c). If the setting of this parameter is "YES", there is NO FINDING.
- d) If the setting of this parameter is "NO", there is a FINDING.

CCI: CCI-000035

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___**STIG ID: ZAIDR000**

Default Severity: Category II

- a) Consult with your systems programmer to identify the names of the Compuware Abend-Aid product installation datasets (they may likely be called or begin with SYS2.ABENDAID, SYS2A.ABENDAID or SYS3A.ABENDAID).
- b) Ensure the following data set controls are in effect for the Compuware Abend-Aid installation data sets:
- READ access to the Compuware Abend-Aid installation data sets is restricted to authorized users.
 - UPDATE or higher access to the Compuware Abend-Aid installation data sets is restricted to systems programming personnel.
 - UACC (None) and NOWARNING are specified for the Compuware Abend-Aid installation data sets.
 - The RACF data set rules for the Compuware Abend-Aid 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 Compuware Abend-Aid 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 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 WRITE 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 WRITE access is logged as specified in b. above.
 7. Repeat steps 1-6 above for any other Compuware Abend-Aid dataset profiles.
- d) If UPDATE and ALLOCATE (e.g. ALTER) access to the Compuware Abend-Aid installation data sets are restricted to systems programming personnel, there is NO FINDING.

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- e) If UPDATE and ALLOCATE (ALTER) access to the Compuware Abend-Aid installation sets is 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.
- 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: ZAIDR001**

Default Severity: Category II

- a) Consult with your systems programmer to identify the names of the Compuware Abend-Aid product STC datasets (they may likely be called or begin with SYS3.ABENDAID).
- b) Ensure the following data set controls are in effect for the Compuware Abend-Aid STC data sets:
 - READ access to the Compuware Abend-Aid product STC data sets can be given to auditors.
 - UPDATE or higher access to the Compuware Abend-Aid product STC data sets is restricted to selected systems programming personnel and/or Abend Aid STCs and/or batch users.
 - UACC (None) and NOWARNING are specified for the Compuware Abend-Aid product STC data sets.
 - The RACF data set rules for the Compuware Abend-Aid STC data sets specify that All accesses of UPDATE or higher (i.e., failures and successes) will be logged.
- 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 Compuware Abend-Aid 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. Verify the 'Audit Successes' and 'Audit Failures' column on the dataset profile General Information screen. They should specify 'Successes Write' and 'Failures Write' respectively.
 - 6. Repeat steps 1-5 above for any other Compuware Abend-Aid STC dataset profiles.
- d) If UPDATE and ALLOCATE (e.g. ALTER) access to the Compuware Abend-Aid STC data sets are specified as in b) above, there is NO FINDING.
- e) If UPDATE and ALLOCATE (ALTER) access to the Compuware Abend-Aid sets is not restricted as in b. above there is a FINDING.

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

CCI: CCI-001499

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___ **STIG ID: ZAIDR001**

Default Severity: Category II

- a) Consult with your systems programmer to identify the names of the Compuware Abend-Aid product STC datasets (they may likely be called or begin with SYS3.ABENDAID).
- b) Ensure the following data set controls are in effect for the Compuware Abend-Aid STC data sets:

READ access to the Compuware Abend-Aid product STC data sets can be given to auditors.

UPDATE or higher access to the Compuware Abend-Aid product STC data sets is restricted to selected systems programming personnel and/or Abend Aid STCs and/or batch users.

UACC (None) and NOWARNING are specified for the Compuware Abend-Aid product STC data sets.

The RACF data set rules for the Compuware Abend-Aid STC data sets specify that all accesses of UPDATE or higher (i.e., failures and successes) will be logged.

- 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 Compuware Abend-Aid 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. Verify the 'Audit Successes' and 'Audit Failures' column on the dataset profile General Information screen. They should specify 'Successes Write' and 'Failures Write' respectively.
 - 6. Repeat steps 1-5 above for any other Compuware Abend-Aid STC dataset profiles.
- d) If UPDATE and ALLOCATE (e.g. ALTER) access to the Compuware Abend-Aid STC data sets are specified as in b) above, there is NO FINDING.

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- e) If UPDATE and ALLOCATE (e.g. ALTER) access to the Compuware Abend-Aid STC data sets are specified as in b) above, there is NO FINDING.
- f) If UPDATE and ALLOCATE (ALTER) access to the Compuware Abend-Aid sets is not restricted as in b. above there is a FINDING.
- g) If UACC = None and Warning = No there is NO FINDING
- h) If UACC is not None or Warning is not No, this is a FINDING.
- i) If logging is as specified in b) above there is NO FINDING.
- j) If logging is not as specified in b) above there is a FINDING.

CCI: CCI-001499

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___ **STIG ID: ZAIDR002**

Default Severity: Category II

- a) Verify that the accesses to the following Compuware Abend-AID user data sets are properly restricted.
- Region dump datasets
 - Report databases
 - Source listing files/source listing shared directories

- b) Ensure the following data set controls are in effect for the Compuware Abend-Aid User data sets:

READ access to the Compuware Abend-Aid User data sets can be given to auditors.

UPDATE or higher access to the Compuware Abend-Aid User datasets is restricted to systems programming personnel and/or Abend Aid STCs and/or batch users

CONTROL access to the Compuware Abend-Aid User datasets is restricted to Application Development Programmers and Application Production Support Team members.

UACC (None) and NOWARNING are specified for the Compuware Abend-Aid User data sets.

- 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 Compuware Abend-Aid User 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. Verify the 'Audit Successes' and 'Audit Failures' column on the dataset profile General Information screen. They should specify 'Successes Write' and 'Failures Read' respectively.
 6. Repeat steps 1-5 above for any other Compuware Abend-Aid User dataset profiles.
- d) If UPDATE and ALLOCATE (e.g. ALTER) access to the Compuware Abend-Aid User data sets are specified as in b) above, there is NO FINDING.

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- e) If UPDATE and ALLOCATE (ALTER) access to the Compuware Abend-Aid User data 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.

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___**STIG ID: ZAIDR020**

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 "CLASS: ", and enter the Abend-Aid resource class name and press ENTER.
(The Abend-Aid resource class name can be found in the Abend Aid STC JCL. It is the value specified for the EXTERNAL_SECURITY_RESOURCE_CLASS parameter in the configuration file referenced on the FDBPARM DD statement)
- 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 Compuware Abend Aid Resources table 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 COMPUWARE Abend-Aid resources table**.
 - The access level for each user is ALTER or less.

** (To check if a user belongs to one of the groups in the COMPUWARE Abend-Aid 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 or
 - UACC is not NONE or
 - any users are granted access who are not in the Compuware Abend Aid Resources table
 - or Access is greater than ALTER for any Abend Aid Resource, there is a FINDING.

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e) If none of the conditions in d) above are true, then there is NO FINDING..

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___**STIG ID: ZAIDR030**

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 and hit Enter.
- c) Find the Abend Aid General Resource profile and enter LR next to it and hit Enter. If not found go to step k. below.
- d) Find the userid associated with the Abend Aid started task under the STDATA segment information of the Abend Aid general resource profile.
- e) Go back to Administrator main menu, select 3;1 (Security Server Reports / User Profile) and press Enter.
- f) Enter 2 (for User Attributes) and tab down to User ID and enter the User ID found in Step d) above and hit Enter.
- g) If the last column on the screen (PROT) is set to "PT", the Userid has the PROTECTED attribute set. If the last column is blank, the Userid does not have the PROTECTED attribute set.
- h) If PROTECTED = Yes, there is no FINDING.
- i) If PROTECTED = No, there is a FINDING.
- j) End Check.
- k) If Abend Aid 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 the Abend Aid started task Procname in the Procname column.
 3. If the Abend Aid 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)).

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4. If there is an R in the M column, there is a FINDING.

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___**STIG ID: ZAIDR032**

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 Abend Aid started task procname..
- d). If found, there is NO FINDING.
- e) If not found, 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 the ABEND AID 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