



Using Vanguard Security Solutions to Complete  
DISA STIG SRR Review Procedures

**z/OS HEALTH CHECKER for RACF**  
**Analysis Process and Checklist**

*Modeled After:*  
*SRR REVIEW PROCEDURES*  
*z/OS HEALTH CHECKER Checklist for RACF*  
*Developed by Vanguard Integrity Professionals*  
*Version 6 Release 2*  
*January 2015*

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

DISA Version 6.22

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### z/OS HEALTH CHECKER for RACF Analysis Process and Checklist Version 6 Release 2

\_\_\_STIG ID: ZHCKR001

**Default Severity: Category II**

- a) Consult with your systems programmer to identify the name of the IBM Health Checker STC dataset(s) - very likely called 'SYS3.\*.HZSPDATA'. The STC dataset names can also be found on the HZSPDATA DD statement in proc HZSPROC (the Health Checker STC proc).
- b) Ensure the following data set controls are in effect for the IBM Health Checker STC data sets:
- READ access to the IBM Health Checker STC data sets can be given to auditors
  - UPDATE access to the IBM Health Checker STC data sets is restricted to domain level security administrators
  - UPDATE or higher access to the IBM Health Checker STC data sets is restricted to systems programming personnel, the Health Checker STC and authorized batch users
  - UACC (None) and NOWARNING are specified for the IBM Health Checker STC data sets
  - the RACF data set rules for the IBM Health Checker STC 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 row, type LV next to the dataset profile for the IBM Health Checker 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 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' columns 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 IBM Health Checker dataset profiles.
- d) If UPDATE and ALLOCATE (e.g. ALTER) access to the IBM Health Checker STC 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 IBM Health Checker STC 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.
- 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: ZHCKR030**

**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 Health Checker 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 Health Checker started task under the STDATA segment information of the Health Checker 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 Health Checker 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 HZSPROC in the Procname column.
  - 3. If the Health Checker 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.

**CCI:** CCI-000764



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**\_\_\_STIG ID: ZHCKR032**

**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 Health Checker General Resource profile (HZSPROC)..
- 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 HZSPROC in the Procname Column.
  - 3. If found, there is NO FINDING.
  - 4. If it is not found, there is a FINDING.

**CCI:** CCI-000764