



Using Vanguard Security Solutions to Complete DISA STIG SRR Review Procedures

z/OS NETVIEW for RACF Analysis Process and Checklist

*Modeled After:
SRR REVIEW PROCEDURES
z/OS NETVIEW for RACF Checklist
Developed by DISA for the DOD
Version 6 Release 7
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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: ZNETR000**

Default Severity: Category II

- a) Check with your IOA or Systems Programming personnel and compile the list of CL/Supersession Installation Datasets, Likely:
1. hlq.NETVIEW.**
 2. From the Administrator Main Menu Choose Option 2 Security Server Commands
 3. then choose Option: 3 Data Set
 4. Type the resource names collected in option a.1 above into: Enter fully qualified (without quotes) data set or profile name:

 5. Hit enter.
 6. Enter Y for Display covering profile? Y
 7. Verify that the UACC is NONE
 8. Verify that Audit Successes and Failures specifies UPDATE or lower (READ is acceptable)
 9. Tab down to Standard Access Permits and place an E next to it (hit enter) and validate that UPDATE or higher access is limited to Systems Programming personnel
 10. if CONDITIONAL ACCESS PERMITS: _ (E to edit data) has *data is present* next to it, place an E next to it and validate that conditional access permits of Update or higher are limited to Systems Programming Personnel as well.
 11. Repeat steps 2 through 10 for all datasets in option a.1
- b) If a.7, a.8, a.9 and a.10 are all true, there is NO FINDING.
- c) If a.7, a.8, a.9 and a.10 are not true, this is a FINDING.

CCI: CCI-000213

CCI: CCI-002234

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___STIG ID: ZNETR001

Default Severity: Category II

- a) Check with your IOA or Systems Programming personnel and compile the list of CL/Supersession STC datasets, Likely:
1. hlq.NETVIEW.<systemid>.**
 2. From the Administrator Main Menu Choose Option 2 Security Server Commands
 3. then choose Option: 3 Data Set
 4. Type the resource names collected in option a.1 above into: Enter fully qualified (without quotes) data set or profile name:

 5. Hit enter.
 6. Enter Y for Display covering profile? Y
 7. Verify that the UACC is NONE
 8. Tab down to Standard Access Permits and place an E next to it (hit enter) and validate that UPDATE or higher access is limited to Systems Programming personnel, Product STC(s) and/or Batch Jobs and READ access is limited to Auditors.
 9. if CONDITIONAL ACCESS PERMITS: _ (E to edit data) has *data is present* next to it, place an E next to it and validate that conditional access permits of Update or higher are limited to Systems Programming Personnel Product STC(s) and/or Batch Jobs and READ access is limited to Auditors.
 - 10.
 11. Repeat steps 2 through 10 for all datasets in option a.1
- b) If a.7, a.8, a.9 and a.10 are all true, there is NO FINDING.
- c) If a.7, a.8, a.9 and a.10 are not true, this is a FINDING.

CCI: CCI-001499

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___**STIG ID: ZNETR020**

Default Severity: Category II

When SECOPTS.OPERSEC=SAFPW is specified in ZNET0040, this is not applicable.

a) From the Administrator main menu, select 3;4 (Security Server Reports, General Resource Profiles) and press ENTER.

b) Tab down to CLASS, type NETVIEW or whatever class has been set up for NETVIEW Resources (find out from your IOA) on your system and press ENTER.

1. Look for the profiles in the Profile Name column that are listed in the NETVIEW Resources table, resource column in the z/OS STIG Addendum.
2. Ensure that they are defined with a UACC=NONE in the UACC column.
3. If all UACCs are NONE, there is NO FINDING on this point.
4. If any UACC is not equal to NONE, this is a FINDING.

c) Type LR in the CMD column of each resource name listed in the table below and check that:

1. Warning = NO.
 2. The access list showing list of users, only includes valid users per the resources table.
 3. The users only have the level of access permitted per the NETVIEW Resources table.
- ** (To check if a user belongs to one of the groups in the NETVIEW 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
- any users or groups are granted access who are not in the NETVIEW Resource Table or
- any users are granted a higher level of access than is permitted to them per the NETVIEW Resource table, then this is a FINDING.

CCI: CCI-000035

CCI: CCI-002234

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___STIG ID: ZNETR030

Default Severity: Category II

- a) Use Vanguard's Analyzer product to look at the Started Procedures Analysis report: Do the following for both CNMPSSI and CNMPROC
 - a. From Analyzer main Menu, go to 3;4; Press <ENTER>
 - b. Key in SORT PROCNAME; Press <ENTER>
 - c. Key in L **CNMPSSI or CNMPROC**; Press <ENTER>
 - d. If not found then **CNMPSSI or CNMPROC** is not defined to RACF as a STC user.
 - e. If found but has an R in the M column, review the message and ensure that the following does not appear: VSA346R The user ID does not have the protected attribute. If message exists, then user does not have the PROTECTED attribute. This is a finding.
 - f. If found then you would use the "U" line command to determine if the userid is defined to RACF.
 - g. Key the "U" line command for the **CNMPSSI or CNMPROC** entry; Press <ENTER>
 - h. The userid is defined to RACF if a userid display appears. If not defined you should see the message "Unable to display".
- b) If the userid for the CNMPSSI or CNMPROC started task is defined to the security database with the PROTECTED attribute, there is NO FINDING.
- c) If the userid for the CNMPSSI or CNMPROC started task is not defined to the security database or does not have the PROTECTED attribute, this is a FINDING.

CCI: CCI-000764

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___**STIG ID: ZNETR032**

Default Severity: Category II

Use Vanguard's Analyzer product to look at the Started Procedures Analysis report: The name of the NETVIEW started task is likely CNMPROC and/or CNMPSSI. CNMPROC is the start procedure for the NETVIEW program and CNMPSSI starts the NETVIEW subsystem address space.

1. From Analyzer main Menu, go to 3;4; Press <ENTER>
2. Key in SORT PROCNAME; Press <ENTER>
3. Key in L <**name of NETVIEW started task**>; Press <ENTER>
4. Look at the source column. It will indicate STARTED class profile or ICHRIN03 entry.
5. If not found then **the NETVIEW started task** is not defined to RACF as a STC user.

- b) If a **STARTED** resource class profile exists for the started task **NETVIEW (CNMPROC and/or CNMPSSI)**, there is NO FINDING.

If neither a **STARTED** resource class profile or an ICHRIN03 entry exists for the started task for NETVIEW, this is a FINDING.

CCI: CCI-000764

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___**STIG ID: ZNET0040**

Default Severity: Category II

The following steps are necessary for reviewing the NETVIEW options:

a) Review the member CxxSTYLE in the DSIPARM DD statement concatenation of the NETVIEW CNMPROC STC procedure. (This member is located in SYS3.NETVIEW.DSIPARM.)

b) Verify that they are the same as the following specifications: Example

Keyword	Value
SECOPTS.OPERSEC	SAFCHECK SAFDEF
SECOPTS.CMDAUTH	SAF.FAIL/SAF.TABLE

c) If they are the same as specified in (b) this is not a finding.

d) If (b) above is untrue, this is a FINDING.

CCI: CCI-000035