



Using Vanguard Security Solutions to Complete
DISA STIG SRR Review Procedures

Hardware Configuration Definition for RACF Analysis Process and Checklist

Modeled After:
SRR REVIEW PROCEDURES
z/OS HCD for RACF Checklist
Developed by DISA for the DOD
Version 6 Release 3
January 2015

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

DISA Version 6.22

Document Number VSS_STIG-04222015-084300-622A

April, 2015

Copyright

© 1989-2010 Vanguard Integrity Professionals-Nevada.

All rights reserved. Printed in the USA.

No part of this publication may be copied, reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, for any purpose other than the Licensee's personal use, without express written permission from Vanguard Integrity Professionals-Nevada.

Trademarks

Vanguard Integrity Professionals, Vanguard Administrator, Vanguard Advisor, Vanguard Analyzer, Vanguard Authenticator, Vanguard Cleanup, Vanguard Configuration Manager, Vanguard Enforcer, Vanguard ez/AccessControl, Vanguard ez/SignOn, Vanguard ez/SignOn Deploy, Vanguard ez/Integrator, Vanguard ez/Token, Vanguard GRC, Vanguard IAM, Vanguard Identity Manager, Vanguard Identity & Access Management, Vanguard Governance, Risk Management and Compliance, Vanguard inCompliance, Vanguard Offline, Vanguard OPID Manager, Vanguard PasswordReset, Vanguard Policy Manager, Vanguard Registration Manager, Vanguard SecurityCenter, Vanguard Security Conference, Vanguard Security on Demand, Vanguard Security Solutions, Vanguard Security Suite, AutoPilot, eDistribution, Enterprise-Wise, Vanguard Deploy, Vanguard ez/Security on Demand, Find-it-Fix-it-Fast, Knowledge Expo, Pathway to Profitability, QS/390, QuickGen, Quality Security Framework, Quality Security/390 Suite, Registration Manager, RioVision, RiskMinder, Security on Demand, SmartAssist, SmartLink, SmartPanel, and Vanguard Tokenless Authentication are trademarks or service marks of Vanguard Integrity Professionals-Nevada.

AIX, AS/400, IBM logo and the Business Partner emblem, CICS, DB2, IMS, MVS/ESA, OS/400, RACF, and z/OS are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both.

Microsoft, Windows, Windows NT and Windows Server are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. All other products mentioned in this publication, including Linux, Red Hat, SUSE, UNIX, Solaris and HP-UX, are trademarks or registered trademarks of their respective owners.

About This Product

Any software products accompanying this publication are copyrighted and owned by Vanguard Integrity Professionals-Nevada. Use of the software product is governed by the provisions of your License Agreement or the Terms of Use on the envelope in which the software product was sent to you. **Warranty and Limitation of Liability:** VANGUARD warrants that the licensed software products as delivered do not infringe any patent or copyright held by any third party and enforceable under U.S. law. THE FOREGOING WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY PROVIDED BY VANGUARD UNDER OR IN CONNECTION WITH THE LICENSED SOFTWARE PRODUCTS AND IS IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NONINFRINGEMENT. UNDER NO CIRCUMSTANCES WILL VANGUARD BE LIABLE TO CUSTOMER FOR ANY OF THE FOLLOWING: (I) ANY DAMAGES CAUSED BY THE FAILURE OF CUSTOMER TO PERFORM ITS RESPONSIBILITIES; (II) ANY THIRD-PARTY

CLAIMS AGAINST CUSTOMER FOR LOSSES OR DAMAGES; OR (III) ANY LOST PROFITS, LOSS OF BUSINESS, LOST SAVINGS OR OTHER CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT, EXEMPLARY OR PUNITIVE DAMAGES, EVEN IF INFORMED OF THEIR POSSIBILITY.

Table of Contents

___STIG ID: ZHCDR000.....	5
___STIG ID: ZHCDR002.....	6
___STIG ID: ZHCDR020.....	7

UNCLASSIFIED

z/OS Hardware Configuration Definition for RACF Analysis and Checklist Version 6 Release 3

___**STIG ID: ZHCDR000**

Default Severity: Category II

a) Check with your IOA or Systems Programming personnel and compile the list IBM Hardware Configuration Definition (HCD) install data sets, Likely:

1. SYS1.SCBD*.*
 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 READ.
 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. Verify that READ access is limited to auditors, automated operations, operators, and 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. Verify that READ access is limited to auditors, automated operations, operators, and systems programming personnel.
 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

UNCLASSIFIED

z/OS Hardware Configuration Definition for RACF Analysis and Checklist Version 6 Release 3

___**STIG ID: ZHCDR002**

Default Severity: Category II

a) Check with your IOA or Systems Programming personnel and compile the list IBM Hardware Configuration Definition (HCD) product user data sets, Likely:

1. The production IODF data sets. (i.e. sys3.IODFnn)
The working IODF data sets. (i.e. sys3.IODFnn.)
The activity log for the IODF data sets. (i.e. sys3.IODFnn.ACTLOG)
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 READ.
 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. Verify that READ access is limited to Systems Programming Personnel, auditors, Operations personnel, and Automated Operations users.
 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. Verify that READ access is limited to Systems Programming Personnel, auditors, Operations personnel, and Automated Operations users
 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

UNCLASSIFIED

z/OS Hardware Configuration Definition for RACF Analysis and Checklist Version 6 Release 3

___**STIG ID: ZHCDR020**

Default Severity: Category II

a) Check with your IOA or Systems Programming personnel and compile the list for CBD resources, Likely:

1. CBD.CPC.IOCDS and CBD.CPC.IPLPARM.
2. From the Administrator Main Menu Choose Option 2 Security Server Commands
3. Choose Option: 4 General Resource Profile
4. Enter FACILITY in Class name: _____
5. Enter Resource Profiles from a.1 (one at a time) on General Resource profile name:
_____.

6. Hit Enter.

7. Verify that the UACC is NONE

8. Verify that Audit Successes and Failures specifies UPDATE or READ for CBD.CPC.IOCDS and CBD.CPC.IPLPARM.

9. Tab down to Standard Access Permits and place an E next to it (hit enter)and validate for

A. CBD.CPC.IOCDS and CBD.CPC.IPLPARM resources are restricted access to systems programming and operations personnel as well as possibly any automated operations batch users with access of READ.

B. CBD.CPC.IOCDS and CBD.CPC.IPLPARM resources are restricted access to systems programming with access of UPDATE and logged.

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 are limited to:

A. CBD.CPC.IOCDS and CBD.CPC.IPLPARM resources are restricted access to systems programming and operations personnel as well as possibly any automated operations batch users with access of READ.

B. CBD.CPC.IOCDS and CBD.CPC.IPLPARM resources are restricted access to systems programming with access of UPDATE.

11. Repeat steps 2 through 10 for all resources in option a.1

b) If items 7-10 are true for all resources in step a.1, there is NO FINDING.

c) If any items 7-10 are not true for any resource in step a.1, this is a FINDING.

CCI: CCI-000035

CCI: CCI-002234