

VANGUARD

Integrity Professionals, Inc.

Enterprise Security Software

z/OS FDR for ACF2 STIG
Version: 6
Release: 2
29 Dec 2020

Group ID (Vulid): V-18014
Group Title: ZB000040
Rule ID: SV-27074r1_rule
Severity: CAT I
Rule Version (STIG-ID): ZFDR0040
Rule Title: FDR (Fast Dump Restore) security options are improperly specified.

Vulnerability Discussion: Product configuration/parameters control the security and operational characteristics of products. If these parameter values are improperly specified, security and operational controls may be weakened. This exposure may threaten the availability of the product applications, and compromise the confidentiality of customer data.

Responsibility: Systems Programmer
IAControls: ECCD-1, ECCD-2

Check Content:

a)_The following steps are necessary for reviewing the FDR options:

1)_Issue the following command on the command line at option 6 in TSO to bring up the
FDR ISPF dialog:

```
EXEC 'SYS2.FDR.Vxxxx.CLIST(ABRALLOC)'
```

2)_Select 'I' on the FDR primary panel for INSTALL.

3)_Select '4' on the FDR installation options panel to select SETOPT.

4)_Verify the FDR Program Library Data Set on this panel specifies the following:

Example: 'SYS2A.FDR.Vxxxx.LOADLIB'.

5)_Select '1' for SECURITY OPTIONS.

6)_Review the setting for ALLCALL

b)_If ALLCALL is set to YES, this is not a FINDING.

c)_If ALLCALL is set to NO, this is a FINDING.

Fix Text: The systems programmer will verify that the security option ALLCALL is set to Yes.

- 1) Execute the FDR ISPF dialog by entering the following on the command line:

```
EXEC 'SYS2.FDR.VXXXX.CLIST(ABRALLOC)'
```

- 2) Select 'I' on the FDR PRIMARY OPTIONS MENU for INSTALL.
- 3) Select '4' on the INSTALLATION OPTIONS MENU to select SETOPT - SET INSTALLATION OPTIONS IN THE FDR GLOBAL OPTIONS TABLE.
- 4) Verify the FDR program library data set on this panel is set to the current LOADLIB. Example: 'SYS2A.FDR.Vxxxx.LOADLIB'.
- 5) Select '1' to select SECURITY OPTIONS.
- 6) On the SET FDR GLOBAL SECURITY OPTIONS, review the ALLCALL setting, ensure it is set to YES.

CCI: CCI-000035

Group ID (Vulid): V-16932

Group Title: ZB000000

Rule ID: SV-27204r1_rule

Severity: CAT II

Rule Version (STIG-ID): ZFDRR000

Rule Title: Fast Dump Restore (FDR) install data sets are not properly protected.

Vulnerability Discussion: Fast Dump Restore (FDR) install have the ability to use privileged functions and/or have access to sensitive data. Failure to properly restrict access to their data sets could result in violating the integrity of the base product which could result in compromising the operating system or sensitive data.

Responsibility: Information Assurance Officer

IACControls: DCSL-1, ECAR-1, ECAR-2, ECCD-1, ECCD-2

Check Content:

- a) Refer to the following report produced by the Data Set and Resource Data Collection:

- SENSITIVE.RPT(FDRRPT)

Automated Analysis

Refer to the following report produced by the Data Set and Resource Data Collection:

- PDI(ZFDR0000)

b) Verify that access to the Fast Dump Restore (FDR) Install data sets are properly restricted.

___ The ACF2 data set rules for the data sets does not restrict UPDATE and/or ALTER access to systems programming personnel.

___ The ACF2 data set rules for the datasets does not specify that all (i.e., failures and successes) UPDATE and/or ALTER access will be logged.

c) If all of the above are untrue, there is NO FINDING.

d) If any of the above is true, this is a FINDING.

Fix Text: The IBM CSSMTP system programmer and the IAO will ensure that a product's Started Task(s) is properly identified and/or defined to the System ACP.

If the product requires a Started Task, verify that it is properly defined to the System ACP with the proper attributes.

Most installation manuals will indicate how the Started Task is identified and any additional attributes that must be specified.

Example:

```
SET LID
INSERT CSSMTP STC NO-SMC
```

CCI: CCI-000213

CCI: CCI002234

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