

ACF2

zSecure V2.3.0 Compliance Controls for ACF2

| ACF2 STIG controls | CARLa members | STIG rules | Description |
|------------------------------|---------------|--|---|
| Controls customization | C%AG@* | CKAG@ CKAG@DEF CKAG@PLS C2AG@TMP C2AG@6 C2AG@6PL | STIG Compliance members and licenses Deftypes STIG Compliance Audit ACF2 STIGplus Compliance members Temporary Implementations zSecure Audit ACF2 STIG version 6.xx zSecure Audit ACF2 STIG PLUS version 6 |
| Access Control Program (ACP) | CKAGC* | CKAGC340 | ACP00340 z/OS baseline reports |
| CICS | CKAGCI* | CKAGCI30 | ZCIC0030 Proper SIT parameters |
| Front End Processor (FEP) | CKAGFE* | CKAGFE11 CKAGFE12 CKAGFE13 | ZFEP0011 FEP components ZFEP0012 FEP access ZFEP0013 FEP load & dump |
| FTP | CKAGF* | CKAGF040 CKAGF050 CKAGF070 CKAGF100 CKAGF110 | IFTP0040 FTP User exits IFTP0050 FTP warning banner IFTP0070 FTP UNIX directories IFTP0100 FTP/Telnet AORL IFTP0110 FTP control cards |
| z/OS Data Analysis (AAMV) | CKAGM* | CKAGM010 CKAGM014 CKAGM018 CKAGM030 CKAGM040 CKAGM050 CKAGM160 CKAGM380 CKAGM400 CKAGM420 CKAGM430 CKAGM440 CKAGM450 | AAMV0010 Change Management Process AAMV0014 Upgrade OS plan AAMV0018 Software Patches AAMV0030 LNKAUTH=APFTAB AAMV0040 APF libraries exist AAMV0050 APF libraries unique AAMV0160 PPT programs exist AAMV0380 SMF record (sub)types AAMV0400 Collect and retain SMF AAMV0420 ACP database backup AAMV0430 System DASD backups AAMV0440 PASSWORD data set AAMV0450 System programs |
| Syslog daemon | CKAGSD* | CKAGSD10 | ISLG0010 Syslogd init time |
| IBM DFSMS | CKAGSM* | CKAGSM22 | ZSMS0022 DFSMS control datasets |

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|---------------|---------|----------|----------------------------------|
| TCP/IP | CKAGTC* | CKAGTC30 | ITCP0030 TCPIP config statements |
| Telnet | CKAGTN* | CKAGTN10 | ITNT0010 TN3270 settings |
| | | CKAGTN50 | ITNT0050 TN3270 SSL encryption |
| | | CKAGTN60 | ITNT0060 TN3270 SMF recording |
| TSO Telnet | CKAGTS* | CKAGTS20 | ZTSO0020 UADS users |
| MQ | CKAGWM* | CKAGWM20 | ZWMQ0020 MQ standard timeout |
| | | CKAGWM51 | ZWMQ0051 MQ security switches on |
| z/OS UNIX | CKAGZU* | CKAGZU11 | ZUSS0011 OMVS statement |
| ACF2-specific | C2AGA* | C2AGA250 | ACF0250 GSO APPLDEF needs doc |
| | | C2AGA260 | ACF0260 GSO AUTHEXIT OID exit |
| | | C2AGA270 | ACF0270 GSO AUTOERAS to ACF2 |
| | | C2AGA280 | ACF0280 GSO BACKUP time set |
| | | C2AGA290 | ACF0290 GSO BLPPGM empty |
| | | C2AGA300 | ACF0300 GSO CLASMAP defined |
| | | C2AGA310 | ACF0310 GSO EXITS values set |
| | | C2AGA330 | ACF0330 GSO LINKLST defined |
| | | C2AGA350 | ACF0350 GSO MAINT defined |
| | | C2AGA360 | ACF0360 GSO NJE set |
| | | C2AGA370 | ACF0370 GSO OPTS MODE ABORT |
| | | C2AGA375 | ACF0375 GSO OPTS values set |
| | | C2AGA380 | ACF0380 PPGM protected programs |
| | | C2AGA390 | ACF0390 GSO PSWD values set |
| | | C2AGA395 | ACF0395 Password encryption |
| | | C2AGA400 | ACF0400 GSO PWPHRASE values set |
| | | C2AGA410 | ACF0410 GSO RESRULE NONE |
| | | C2AGA420 | ACF0420 GSO RESVOLS VOLMASK(-) |
| | | C2AGA430 | ACF0430 GSO RULEOPTS values set |
| | | C2AGA440 | ACF0440 SAFDEF records |
| | | C2AGA480 | ACF0480 GSO SECVOLS VOLMASK() |
| | | C2AGA490 | ACF0490 GSO SYNCOPTS values set |
| | | C2AGA500 | ACF0500 GSO TSO values set |
| | | C2AGA510 | ACF0510 GSO TSOCRT value set |
| | | C2AGA520 | ACF0520 GSO TSOKEYS not set |
| | | C2AGA530 | ACF0530 GSO TSOTWX values set |
| | | C2AGA540 | ACF0540 GSO TSO2741 values set |

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| | | C2AGA560 | ACF0560 LIDs: UID + NAME set |
| | | C2AGA570 | ACF0570 Interactive logonids |
| | | C2AGA600 | ACF0600 STC LIDs |
| | | C2AGA670 | ACF0670 GSO MAINT records |
| | | C2AGA680 | ACF0680 MAINT LIDs: JOB + MAINT |
| | | C2AGA690 | ACF0690 Emergency logonids |
| | | C2AGA710 | ACF0710 LIDs with REFRESH |
| | | C2AGA720 | ACF0720 SUSPEND LIDs w. REFRESH |
| | | C2AGA750 | ACF0750 SCPLIST specified |
| | | C2AGA760 | ACF0760 SECURITY w. RULE/RSRCVLD |
| | | C2AGA780 | ACF0780 ACF0780: SCPLIST Set |
| | | C2AGA800 | ACF0800 LIDs with TAPE BLP/LBL |
| | | C2AGA820 | ACF0820 Limit CONSOLE |
| | | C2AGA830 | ACF0830 Limit ALLCMDS |
| | | C2AGA840 | ACF0840 Limit PPGM |
| | | C2AGA850 | ACF0850 Limit OPERATOR |
| Access Control Program (ACP) | C2AGC* | C2AGC010 | ACP00010 WRITE to SYS1.PARMLIB |
| | | C2AGC020 | ACP00020 WRITE to SYS1.LINKLIB |
| | | C2AGC030 | ACP00030 WRITE to SYS1.SVCLIB |
| | | C2AGC040 | ACP00040 WRITE to SYS1.IMAGELIB |
| | | C2AGC050 | ACP00050 WRITE to SYS1.LPALIB |
| | | C2AGC060 | ACP00060 WRITE to APF libraries |
| | | C2AGC070 | ACP00070 WRITE to LPA libraries |
| | | C2AGC080 | ACP00080 WRITE to SYS1.NUCLEUS |
| | | C2AGC110 | ACP00110 WRITE to LINKLIST |
| | | C2AGC120 | ACP00120 WRITE to ACP databases |
| | | C2AGC130 | ACP00130 WRITE to Master Catalog |
| | | C2AGC135 | ACP00135 ALLOC to User Catalogs |
| | | C2AGC150 | ACP00150 WRITE to JES data sets |
| | | C2AGC170 | ACP00170 WRITE to SYS1.UADS |
| | | C2AGC180 | ACP00180 WRITE to SMF libraries |
| | | C2AGC230 | ACP00230 WRITE to Page data sets |
| | | C2AGC250 | ACP00250 WRITE to PROCLIBs |
| FTP | C2AGF* | C2AGF020 | IFTP0020 FTP startup parm and JCL |
| | | C2AGF030 | IFTP0030 FTP config stmts |

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| z/OS UNIX Telnet Server | C2AGIU** | C2AGIU20 | IUTN0020 otelnetd startup command |
| IBM DFSMS | C2AGSM* | C2AGSM08 | ZSMSA008 DFSMS CLASMAP defined |
| | | C2AGSM32 | ZSMS0032 SMS control ds found |
| TCP/IP | C2AGTC* | C2AGTC20 | ITCP0020 TCPIP config statements |
| z/OS UNIX | C2AGZU* | C2AGZU41 | ZUSS0041 UNIX system groups |
| | | C2AGZU42 | ZUSS0042 UNIX group unique |
| | | C2AGZU60 | ZUSSA060 UNIX CLASMAP defined |
| | | C2AGZU70 | ZUSSA070 UNIX INFODIR classes set |

ACF2 PCI-DSS controls

CARLa members

| | |
|---------|----------|
| C%AP@* | CKAP@DEF |
| | C2AP@32 |
| | CKAPC@ |
| C%APC* | CKAPC223 |
| | C2APC811 |
| | C2APC816 |
| | C2APC818 |
| | C2APC82 |
| | C2APC821 |
| | C2APC823 |
| | C2APC824 |
| | C2APC825 |
| | C2APC826 |
| | C2APC85 |
| C%APCA* | C2APCA22 |
| | CKAPCA25 |

Rules Description

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|--------|---|
| | Deftypes and simulate statements PCI-DSS |
| | STANDARD and IMBEDS for ACF2 PCI-DSS V3.2 |
| | Main PCI-DSS V3.2 member |
| 2.2.3 | insecure protocols/daemons |
| 8.1.1 | non-zero OMVS userids must be unique |
| 8.1.6 | passwd revoke maximum 6 |
| 8.1.8 | disconnect after 15 min |
| 8.2 | require user password |
| 8.2.1 | encrypt passwords |
| 8.2.3 | passwd minimum length 7 |
| 8.2.4 | passwd interval max days 90 |
| 8.2.5 | passwd history minimum 4 |
| 8.2.6 | first time password change |
| 8.5 | disable generic account |
| 10.2.2 | root/admin privilege audit |
| 10.2.5 | telnet/ftp access logging |