

Compliance Information Analysis 6.0
CA RS 2304 Service List

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Service	Description	Type
LU01622	IMPROVE INSUFFICIENT STORAGE DIAGNOSTICS/RELIEVE CONSTRAINT	PTF
LU01623	IMPROVE INSUFFICIENT STORAGE DIAGNOSTICS/RELIEVE CONSTRAINT	PTF
LU01793	BATCH UNLOAD - SUPPORT FOR 6.0 DATABASE WITH ACF2	PTF
LU03442	USERNETV HAS INCORRECT DATA IN IC COLUMN	PTF
LU05896	CIA STANDALONE INSTALLATION UPDATES	PTF
LU05897	CIA STANDALONE INSTALLATION UPDATES	PTF
LU06066	CIA STANDALONE INSTALLATION UPDATES	PTF
LU06173	CIA STANDALONE INSTALLATION UPDATES	PTF
LU08375	UPDATE TSSC032I MESSAGE	PTF
LU08923	ADD STATISTICS FOR V6 TABLES TO THE REPORT OUTPUT FILE	PTF
LU09074	REMOVE LICENSE CHECK FOR RACF UNLOAD PROCESSING	PTF
LU09268	CIA VERSION 6 REALTIME SUPPORT FOR ACF2	PTF
LU09269	CIA VERSION 6 REALTIME SUPPORT FOR ACF2	PTF
LU09416	ADD CIA REAL-TIME SERVER TO CIA	PTF
LU09417	ADD CIA REAL-TIME SERVER TO CIA	PTF
LU09418	ADD CIA REAL-TIME SERVER TO CIA	PTF
S014037	CORRECT LID MAXDAYS PROCESSING IN CIA	PTF
S014116	CORRECT CIA RACF SUPPORT	PTF
S015375	UDFCHAR CONSTRAINT VIOLATION AFTER S012989	PTF
S015473	CORRECT PASSPHRASE PROCESSING IN CIA AFTER S012923	PTF
S015702	IMPROVE SCRT REPORT FOR LICENSE CHECK	PTF
The CA RS 2304 service count for this release is 21		

Compliance Information Analysis
CA RS 2304 Service List for CCIA60A

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FMID	Service	Description	Type
CCIA60A	LU01793	BATCH UNLOAD - SUPPORT FOR 6.0 DATABASE WITH ACF2	PTF
	LU05896	CIA STANDALONE INSTALLATION UPDATES	PTF
	LU08923	ADD STATISTICS FOR V6 TABLES TO THE REPORT OUTPUT FILE	PTF
	LU09268	CIA VERSION 6 REALTIME SUPPORT FOR ACF2	PTF
	LU09416	ADD CIA REAL-TIME SERVER TO CIA	PTF
	SO14037	CORRECT LID MAXDAYS PROCESSING IN CIA	PTF
The CA RS 2304 service count for this FMID is 6			

Compliance Information Analysis
CA RS 2304 Service List for CCIA60C

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FMID	Service	Description	Type
CCIA60C	LU01622	IMPROVE INSUFFICIENT STORAGE DIAGNOSTICS/RELIEVE CONSTRAINT	PTF
	LU05897	CIA STANDALONE INSTALLATION UPDATES	PTF
	LU09269	CIA VERSION 6 REALTIME SUPPORT FOR ACF2	PTF
	LU09417	ADD CIA REAL-TIME SERVER TO CIA	PTF
The CA RS 2304 service count for this FMID is 4			

Compliance Information Analysis
CA RS 2304 Service List for CCIA60R

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FMID	Service	Description	Type
CCIA60R	LU01623	IMPROVE INSUFFICIENT STORAGE DIAGNOSTICS/RELIEVE CONSTRAINT	PTF
	LU06173	CIA STANDALONE INSTALLATION UPDATES	PTF
	LU09074	REMOVE LICENSE CHECK FOR RACF UNLOAD PROCESSING	PTF
	SO14116	CORRECT CIA RACF SUPPORT	PTF
	SO15702	IMPROVE SCRT REPORT FOR LICENSE CHECK	PTF
The CA RS 2304 service count for this FMID is 5			

Compliance Information Analysis
CA RS 2304 Service List for CCIA60T

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FMID	Service	Description	Type
CCIA60T	LU03442	USERNETV HAS INCORRECT DATA IN IC COLUMN	PTF
	LU06066	CIA STANDALONE INSTALLATION UPDATES	PTF
	LU08375	UPDATE TSSC032I MESSAGE	PTF
	LU09418	ADD CIA REAL-TIME SERVER TO CIA	PTF
	S015375	UDFCHAR CONSTRAINT VIOLATION AFTER S012989	PTF
	S015473	CORRECT PASSPHRASE PROCESSING IN CIA AFTER S012923	PTF
The CA RS 2304 service count for this FMID is 6			

Service	Details
LU01622	LU01622 M.C.S. ENTRIES = ++PTF (LU01622) IMPROVE INSUFFICIENT STORAGE DIAGNOSTICS/RELIEVE CONSTRAINT PROBLEM DESCRIPTION: This solution corrects multiple issues. For Datacom processing: CERTINFO SIGNALG contains incorrect information. For RACF unload processing: Insufficient storage messages do not have enough information to determine where the problem lies. Problems processing some TIME values. Information is missing from CIA for some resources. This solution will: Correct CERTINFO SIGNALG field contents. Improve diagnostics surrounding insufficient storage conditions. Relieve storage constraint for general resource access records. Correct the problem with processing TIME values. SYMPTOMS: CERTINFO SIGNALG contains incorrect information. Insufficient storage messages in output. TIME(00:01:00 00:01:00) is invalid for user xxxxxxxx Information is missing from CIA for some resources. IMPACT: Information is missing from CIA for some resources. CIRCUMVENTION: Specify the largest possible REGION on the job. PRODUCT(S) AFFECTED: Compliance Information Analysis Version 6.0 Related Problem: CIA 13653 Copyright (C) 2021 CA. All rights reserved. R00013-CIA060-SP1 DESC(IMPROVE INSUFFICIENT STORAGE DIAGNOSTICS/RELIEVE CONSTRAINT). ++VER (Z038) FMID (CCIA60C) PRE (S008325) SUP (LT01622) ++IF FMID(CCIA60R) REQ(LU01623) . ++HOLD (LU01622) SYSTEM FMID(CCIA60C) REASON (ACTION) DATE (21294) COMMENT (+-----

Service	Details
	<pre> +-----+-----+ ACCESS 1. SMP/E libraries. REQUIRED 2. Operator console. +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh (If applicable). 2. Rerun CIA unload.).</pre>

Service	Details
LU01623	LU01623 M.C.S. ENTRIES = ++PTF (LU01623) IMPROVE INSUFFICIENT STORAGE DIAGNOSTICS/RELIEVE CONSTRAINT PROBLEM DESCRIPTION: This solution corrects multiple issues. For Datacom processing: CERTINFO SIGNALG contains incorrect information. For RACF unload processing: Insufficient storage messages do not have enough information to determine where the problem lies. Problems processing some TIME values. Information is missing from CIA for some resources. This solution will: Correct CERTINFO SIGNALG field contents. Improve diagnostics surrounding insufficient storage conditions. Relieve storage constraint for general resource access records. Correct the problem with processing TIME values. SYMPTOMS: CERTINFO SIGNALG contains incorrect information. Insufficient storage messages in output. TIME(00:01:00 00:01:00) is invalid for user xxxxxxxx Information is missing from CIA for some resources. IMPACT: Information is missing from CIA for some resources. CIRCUMVENTION: Specify the largest possible REGION on the job. PRODUCT(S) AFFECTED: Compliance Information Analysis Version 6.0 Related Problem: CIA 13653 Copyright (C) 2021 CA. All rights reserved. R00013-CIA060-SP1 DESC(IMPROVE INSUFFICIENT STORAGE DIAGNOSTICS/RELIEVE CONSTRAINT). ++VER (Z038) FMID (CCIA60R) PRE (S014116) SUP (LT01623 S015702 ST15702) ++IF FMID(CCIA60C) REQ(LU01622) . ++HOLD (LU01623) SYSTEM FMID(CCIA60R) REASON (ACTION) DATE (21294) COMMENT (+-----

Service	Details
	<pre> +-----+-----+ ACCESS 1. SMP/E libraries. REQUIRED 2. Operator console. +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh (If applicable). 2. Rerun CIA unload.).</pre>

Service	Details
LU01793	LU01793 M.C.S. ENTRIES = ++PTF (LU01793) REWORK(2023019) BATCH UNLOAD - SUPPORT FOR 6.0 DATABASE WITH ACF2 ENHANCEMENT DESCRIPTION: Compliance Information Analysis (CIA) will now support unloading Digital Certificate, Multi-Factor Authentication and Password related data for the following tables from ACF2: CERTINFO, CERTXREF, CERTRING, CERTMAP, CMAPXREF, CRITMAP, USERMFA, USERMFAT and USERPASS. The CIA Batch unload utility for ACF2 supports the DDLVERS(0600) parameter to unload ACF2 data for the CIA Version 6.0 tables. PRODUCT(S) AFFECTED: Compliance Information Analysis CA ACF2 Version 6.0 Related Problem: CIA 13263 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00014-CIA060 DESC(BATCH UNLOAD - SUPPORT FOR 6.0 DATABASE WITH ACF2). ++VER (Z038) FMID (CCIA60A) PRE (S009450 S014037) SUP (LT01793) ++HOLD (LU01793) SYSTEM FMID(CCIA60A) REASON (ACTION) DATE (23019) COMMENT (<pre> +-----+ Compliance Information Analysis CA ACF2 Version 6.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Add support for ACF2 Unload of version 6.0 data. +-----+ USERS Users of Compliance Information Analysis (CIA) for ACF2. AFFECTED +-----+ KNOWLEDGE 1. SMP/E. REQUIRED 2. Operator Commands. +-----+ ACCESS 1. SMP/E libraries. REQUIRED 2. Operator console. +-----+ ***** * STEPS TO PERFORM * ***** 1. If the CIA unload program for ACF2 resides in a library that is found in the LINKLIST, issue /F LLA,REFRESH. 2. If you are doing a new install or you wish to upgrade to a version 6.0 CIA database, refer to Compliance Information Analysis documentation for information about defining and loading a version 6.0 database.).</pre>

Service	Details
LU03442	LU03442 M.C.S. ENTRIES = ++PTF (LU03442) USERNETV HAS INCORRECT DATA IN IC COLUMN PROBLEM DESCRIPTION: USERNETV table column IC is loaded with incorrect data SYMPTOMS: Incorrect data in USERNETV table column IC (initial command) IMPACT: Queries contain incorrect data for the IC column CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Compliance Information Analysis CA ACF2 Version 6.0 Related Problem: CIA 15301 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(USERNETV HAS INCORRECT DATA IN IC COLUMN). ++VER (Z038) FMID (CCIA60T) PRE (S015375 S015473) SUP (LT03442) ++HOLD (LU03442) SYSTEM FMID(CCIA60T) REASON (ACTION) DATE (22028) COMMENT (<pre> +-----+ Compliance Information Analysis CA Top Secret Version 6.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Activate changes. +-----+ USERS Users of Compliance Information Analysis (CIA) for AFFECTED Top Secret (TSS). +-----+ KNOWLEDGE SMP/E REQUIRED Operator console +-----+ ACCESS SMP/E data sets REQUIRED Operator console +-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh (If applicable) 2. Rerun CIA unload 3. Rerun CIA load 4. Restart CIA Real-Time task). </pre>)

Service	Details
LU05896	LU05896 M.C.S. ENTRIES = ++PTF (LU05896) REWORK(2023019) CIA STANDALONE INSTALLATION UPDATES ENHANCEMENT DESCRIPTION: Allow standalone Compliance Information Analysis (CIA) Version 6.0 configuration. Prior to this maintenance, CIA version 6 used the Compliance Event Manager (CEM) unified configuration process to customize the configuration members. This enhancement will replace that process using members in the CIA product libraries. New installations can refer to CIA documentation for instructions on configuring CIA. No action is needed for existing installations. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 16405 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00019-CIA060 DESC(CIA STANDALONE INSTALLATION UPDATES). ++VER (Z038) FMID (CCIA60A) PRE (LU01793) SUP (LT05896) ++IF FMID(CCIA60C) REQ(LU05897). ++IF FMID(CCIA60R) REQ(LU06173). ++IF FMID(CCIA60T) REQ(LU06066).

Service	Details
LU05897	LU05897 M.C.S. ENTRIES = ++PTF (LU05897) REWORK(2023019) CIA STANDALONE INSTALLATION UPDATES ENHANCEMENT DESCRIPTION: Allow standalone Compliance Information Analysis (CIA) Version 6.0 configuration. Prior to this maintenance, CIA version 6 used the Compliance Event Manager (CEM) unified configuration process to customize the configuration members. This enhancement will replace that process using members in the CIA product libraries. New installations can refer to CIA documentation for instructions on configuring CIA. No action is needed for existing installations. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 16405 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00019-CIA060 DESC(CIA STANDALONE INSTALLATION UPDATES). ++VER (Z038) FMID (CCIA60C) PRE (LU01622 S007780 S008325 S009427) SUP (LT05144 LT05897) ++IF FMID(CCIA60A) REQ(LU01793 LU05896). ++IF FMID(CCIA60R) REQ(LU06173). ++IF FMID(CCIA60T) REQ(LU06066).

Service	Details
LU06066	LU06066 M.C.S. ENTRIES = ++PTF (LU06066) REWORK(2023019) CIA STANDALONE INSTALLATION UPDATES ENHANCEMENT DESCRIPTION: Allow standalone Compliance Information Analysis (CIA) Version 6.0 configuration. Prior to this maintenance, CIA version 6 used the Compliance Event Manager (CEM) unified configuration process to customize the configuration members. This enhancement will replace that process using members in the CIA product libraries. New installations can refer to CIA documentation for instructions on configuring CIA. No action is needed for existing installations. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 16405 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00019-CIA060 DESC(CIA STANDALONE INSTALLATION UPDATES). ++VER (Z038) FMID (CCIA60T) SUP (LT06066) ++IF FMID(CCIA60A) REQ(LU01793 LU05896). ++IF FMID(CCIA60C) REQ(LU05897). ++IF FMID(CCIA60R) REQ(LU06173).

Service	Details
LU06173	LU06173 M.C.S. ENTRIES = ++PTF (LU06173) REWORK(2023019) CIA STANDALONE INSTALLATION UPDATES ENHANCEMENT DESCRIPTION: Allow standalone Compliance Information Analysis (CIA) Version 6.0 configuration. Prior to this maintenance, CIA version 6 used the Compliance Event Manager (CEM) unified configuration process to customize the configuration members. This enhancement will replace that process using members in the CIA product libraries. New installations can refer to CIA documentation for instructions on configuring CIA. No action is needed for existing installations. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 16405 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00019-CIA060 DESC(CIA STANDALONE INSTALLATION UPDATES). ++VER (Z038) FMID (CCIA60R) SUP (LT06173) ++IF FMID(CCIA60A) REQ(LU01793 LU05896). ++IF FMID(CCIA60C) REQ(LU05897). ++IF FMID(CCIA60T) REQ(LU06066).

Service	Details
LU08375	LU08375 M.C.S. ENTRIES = ++PTF (LU08375) REWORK(2023009) UPDATE TSSC032I MESSAGE PROBLEM DESCRIPTION: The TSSC032I message is issued when running the Compliance Information Analysis (CIA) Unload utility for Top Secret when the DDLVERS control option is missing or contains an invalid value. The message lists the valid values that can be specified on the DDLVERS control statement. This maintenance will update the message to also specify DDLVERS(0600) as a valid value. SYMPTOMS: Message is issued without all valid values. IMPACT: Message contains incomplete information. CIRCUMVENTION: Refer to documentation for complete list of valid values. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 19092 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00020-CIA060 DESC(UPDATE TSSC032I MESSAGE). ++VER (Z038) FMID (CCIA60T) SUP (LT08375)

Service	Details
LU08923	LU08923 M.C.S. ENTRIES = ++PTF (LU08923) REWORK(2023048) ADD STATISTICS FOR V6 TABLES TO THE REPORT OUTPUT FILE PROBLEM DESCRIPTION: The ACF2 batch unload utility does not report on the records created for new CIA Version 6 tables. The utility also does not process Include/Exclude Criteria for new Version 6 tables. The new tables include information for: Multi-factor Authentication User password and passphrase Certificates information IMPACT: The report file for the ACF2 unload process will not contain count information for the new Version 6 records. If Include/Exclude Criteria is specified, the criteria will not be processed for the new tables. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 18992 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00022-CIA060 DESC(ADD STATISTICS FOR V6 TABLES TO THE REPORT OUTPUT FILE). ++VER (Z038) FMID (CCIA60A) PRE (LU01793) SUP (LT08923)

Service	Details
LU09074	LU09074 M.C.S. ENTRIES = ++PTF (LU09074) REWORK(2023048) REMOVE LICENSE CHECK FOR RACF UNLOAD PROCESSING PROBLEM DESCRIPTION: The CIA RACF Unload Utility will no longer require a license to run. SYMPTOMS: Users who were not licensed for Compliance Event Manager would get an error message when running the CIA Unload utility for RACF. With the license check removed, users no longer receive the error. IMPACT: Any site that is entitled to a Broadcom Mainframe Security or Compliance product is now entitled to use Compliance Information Analysis. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 19368 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00023-CIA060 DESC(REMOVE LICENSE CHECK FOR RACF UNLOAD PROCESSING). ++VER (Z038) FMID (CCIA60R) PRE (LU01623 S014116 S015702) SUP (LT04824 LT09074)

Service	Details
LU09268	LU09268 M.C.S. ENTRIES = ++PTF (LU09268) REWORK(2023060) CIA VERSION 6 REALTIME SUPPORT FOR ACF2 ENHANCEMENT DESCRIPTION: Add support for the new CIA Version 6 tables to the Real-Time CIA Updates component for ACF2. The Real-Time CIA Updates component updates the CIA repository as changes occur, eliminating the need for daily CIA batch unload and load processing. Using the Real-Time CIA Updates component ensures that the information in the CIA repository reflects the current information in ACF2. ACF2 maintenance to add support for Real-Time CIA Updates for Version 6 tables is also required in addition to this maintenance. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 18519 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00024-CIA060 DESC(CIA VERSION 6 REALTIME SUPPORT FOR ACF2). ++VER (Z038) FMID (CCIA60A) PRE (LU05896 S009450) SUP (LT08525 LT09268) ++IF FMID(CCIA60C) REQ(LU09269). ++HOLD (LU09268) SYSTEM FMID(CCIA60A) REASON (DEP) DATE (23060) COMMENT (<pre> +-----+ COMPLIANCE INFORMATION ANALYSIS Version 6.0 +-----+ SEQUENCE Before using CIA Version 6 Real-time updates for ACF2 +-----+ PURPOSE Complete support for Version 6 Real-time updates +-----+ USERS Users of CIA Version 6 that wish to use the Real-time AFFECTED update component with ACF2. +-----+ KNOWLEDGE SMP/E REQUIRED +-----+ ACCESS SMP/E resources REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. Apply LU09063 to the ACF2 16.0 environment to get complete support for Real-time Updates for the CIA Version 6.0 database for ACF2.).</pre>

Service	Details
LU09269	LU09269 M.C.S. ENTRIES = ++PTF (LU09269) REWORK(2023060) CIA VERSION 6 REALTIME SUPPORT FOR ACF2 ENHANCEMENT DESCRIPTION: Add support for the new CIA Version 6 tables to the Real-Time CIA Updates component for ACF2. The Real-Time CIA Updates component updates the CIA repository as changes occur, eliminating the need for daily CIA batch unload and load processing. Using the Real-Time CIA Updates component ensures that the information in the CIA repository reflects the current information in ACF2. ACF2 maintenance to add support for Real-Time CIA Updates for Version 6 tables is also required in addition to this maintenance. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 18519 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00024-CIA060 DESC(CIA VERSION 6 REALTIME SUPPORT FOR ACF2). ++VER (Z038) FMID (CCIA60C) PRE (LU05897) SUP (LT08526 LT09269) ++IF FMID(CCIA60A) REQ(LU09268). ++HOLD (LU09269) SYSTEM FMID(CCIA60C) REASON (DEP) DATE (23060) COMMENT (<pre> +-----+ COMPLIANCE INFORMATION ANALYSIS Version 6.0 +-----+ SEQUENCE Before using CIA Version 6 Real-time updates +-----+ PURPOSE Complete support for Version 6 Real-time updates +-----+ USERS Users who wish to use Real-time updates with a CIA AFFECTED Version 6.0 database and ACF2 +-----+ KNOWLEDGE SMP/E REQUIRED +-----+ ACCESS SMP/E resources REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. Apply LU09063 to the ACF2 16.0 environment to get complete support for Real-time Updates for the CIA Version 6.0 database for ACF2.).</pre>

Service	Details
LU09416	LU09416 M.C.S. ENTRIES = ++PTF (LU09416) REWORK(2023083) ADD CIA REAL-TIME SERVER TO CIA ENHANCEMENT DESCRIPTION: Currently, the Compliance Information Analysis (CIA) Real-Time component requires LDAP to provide the Real-time Server functionality. With this maintenance, the CIA Real-Time Server executables are added to the CIA libraries and LDAP will no longer be a prerequisite. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 19840 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00025-CIA060 DESC(ADD CIA REAL-TIME SERVER TO CIA). ++VER (Z038) FMID (CCIA60A) PRE (LU09268) SUP (LT09416) ++IF FMID(CCIA60C) REQ(LU09417). ++IF FMID(CCIA60T) REQ(LU09418).

Service	Details
LU09417	LU09417 M.C.S. ENTRIES = ++PTF (LU09417) REWORK(2023083) ADD CIA REAL-TIME SERVER TO CIA ENHANCEMENT DESCRIPTION: Currently, the Compliance Information Analysis (CIA) Real-Time component requires LDAP to provide the Real-time Server functionality. With this maintenance, the CIA Real-Time Server executables are added to the CIA libraries and LDAP will no longer be a prerequisite. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 19840 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00025-CIA060 DESC(ADD CIA REAL-TIME SERVER TO CIA). ++VER (Z038) FMID (CCIA60C) PRE (LU05897 LU09269) SUP (LT09417) ++IF FMID(CCIA60A) REQ(LU09416). ++IF FMID(CCIA60T) REQ(LU09418). ++HOLD (LU09417) SYSTEM FMID(CCIA60C) REASON (ACTION) DATE (23083) COMMENT (<pre> +-----+ COMPLIANCE INFORMATION ANALYSIS Version 6.0 +-----+ SEQUENCE Both before Apply and after Apply +-----+ PURPOSE Add a DDDEF to the Compliance Information Analysis (CIA) CSI for the CSSLIB. Convert several SMP/E data sets to PDSEs if necessary. Provide instructions for migrating from LDAP to the CIA Real-Time Server. +-----+ USERS All users will need to update the CSI and convert the AFFECTED data sets to PDSEs prior to applying this PTF. Current users of the CIA Real-Time component will need to perform the migration steps. +-----+ KNOWLEDGE SMP/E REQUIRED JCL +-----+ ACCESS SMP/E access, job submission REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** Before Apply: 1. Use the following job to define your CSSLIB data set to SMP/E. Specify the name of your SMP/E CSI on the SMPCSI DD statement. Make sure the SET BDY statement has the name of your target zone (default is CAIT0). Make sure your system CSSLIB data set is </pre>

Service	Details
	specified on the ADD DDDEF statement (default is SYS1.CSSLIB). <pre>//ADD YOUR JOBCARD HERE //STEP1 EXEC PGM=GIMSMP,REGION=4M //SMPCSI DD DISP=SHR,DSN=your.cia.CSI //SMPCNTL DD * SET BDY(CAIT0) . UCLIN . ADD DDDEF(CSSLIB) DA(SYS1.CSSLIB) SHR . ENDUCL . /*</pre> The job should end with a return code of zero. 2. The SMP/E processing of this maintenance will fail if some of your Compliance Information Analysis SMP/E target data sets are type PDS. These data sets must be converted to type PDSE prior to applying this fix. You may use your site's process to do the conversion or use the following JCL sample to convert your SMP/E target data sets to PDSE data sets. You must run the job for the following data sets defined to your CSI: <pre>your.cia.CCIALOAD your.cia.SMPLTS your.cia.ACIAMOD0 your.cia.ACIAMOD1</pre> Change the data sets specified in the INCLUDE parameter to your data set names. This JCL can be run even if the data sets are already PDSE. The job must run with exclusive control of the data sets involved in the PDS to PDSE conversion. <pre>//ADD YOUR JOBCARD HERE //STEP1 EXEC PGM=ADRDSSU,REGION=0K //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY DATASET(INCLUDE(your.cia.CCIALOAD, your.cia.SMPLTS, your.cia.ACIAMOD0, your.cia.ACIAMOD1) BY(DSORG,EQ,PDS)) CONVERT(PDSE(**)) CATALOG DELETE PURGE REPLACE CANCELERROR WAIT(2,2) /*</pre> The job should end with a return code of 4 or less. Verify that the PDSE data sets are on appropriate volumes for your site. After Apply: 1. If you have an existing CIA Real-Time implementation, refer to the "Migrate to the Self-Contained CIARTSRV Real-Time CIA Server" section of CIA documentation for instructions on migrating from an LDAP-based server to the new CIA-based Real-Time Server.

Service	Details
	Configurations done after this maintenance is applied will automatically be configured to use the new CIA-based Real-Time Server.).

Service	Details
LU09418	LU09418 M.C.S. ENTRIES = ++PTF (LU09418) REWORK(2023083) ADD CIA REAL-TIME SERVER TO CIA ENHANCEMENT DESCRIPTION: Currently, the Compliance Information Analysis (CIA) Real-Time component requires LDAP to provide the Real-time Server functionality. With this maintenance, the CIA Real-Time Server executables are added to the CIA libraries and LDAP will no longer be a prerequisite. PRODUCT(S) AFFECTED: COMPLIANCE INFORMATION ANALYSIS Version 6.0 Related Problem: CIA 19840 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00025-CIA060 DESC(ADD CIA REAL-TIME SERVER TO CIA). ++VER (Z038) FMID (CCIA60T) PRE (LU06066) SUP (LT09418) ++IF FMID(CCIA60A) REQ(LU09416). ++IF FMID(CCIA60C) REQ(LU09417).

Service	Details
SO14037	SO14037 M.C.S. ENTRIES = ++PTF (SO14037) CORRECT LID MAXDAYS PROCESSING IN CIA PROBLEM DESCRIPTION: PSWDINT field in the CIA USERINFO table does not contain the expected value. This field should contain the MAXDAYS value from the logonid record. S003886 added an enhancement that allowed the MAXDAYS max value to go from 255 to 366. This update will adjust the CIA interface to pick up the maxdays value from the correct field. SYMPTOMS: Invalid data in the PSWDINT field in the CIA USERINFO table. IMPACT: Cannot use CIA to get the maxdays value for a user. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Compliance Information Analysis Release 6.0 Related Problem: CIA 7 Copyright (C) 2020 CA. All rights reserved. R00008-CIA060-SP1 DESC(CORRECT LID MAXDAYS PROCESSING IN CIA). ++VER (Z038) FMID (CCIA60A) PRE (S009450) SUP (ST14037) ++HOLD (SO14037) SYSTEM FMID(CCIA60A) REASON (ACTION) DATE (20272) COMMENT (-----+-----

Service	Details
SO14116	SO14116 M.C.S. ENTRIES = ++PTF (SO14116) CORRECT CIA RACF SUPPORT PROBLEM DESCRIPTION: RACF User MFA Policies records are flagged as errors when they should be ignored. SYMPTOMS: RACF unload record type 20B are written to error file and flagged as in error. IMPACT: Misinformation. CIRCUMVENTION: None. Ignore errors. PRODUCT(S) AFFECTED: Compliance Information Analysis Release 6.0 Related Problem: CIA 8 Copyright (C) 2020 CA. All rights reserved. R00009-CIA060-SP1 DESC(CORRECT CIA RACF SUPPORT). ++VER (Z038) FMID (CCIA60R) SUP (ST14116) ++HOLD (SO14116) SYSTEM FMID(CCIA60R) REASON (ACTION) DATE (20272) COMMENT (<pre> +-----+ Compliance Information Analysis RACF Version 6.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Correct CIA RACF unload/load processing +-----+ USERS Users of CIA for RACF AFFECTED +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. Operator Commands +-----+ ACCESS 1. SMP/E libraries REQUIRED 2. Operator console +-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh (If applicable) 2. Rerun CIA unload and load). </pre>

Service	Details
SO15375	SO15375 M.C.S. ENTRIES = ++PTF (SO15375) UDFCHAR CONSTRAINT VIOLATION AFTER SO12989 PROBLEM DESCRIPTION: Compliance Information Analysis (CIA) load encounters a constraint violation error after Top Secret PTF SO12989. SYMPTOMS: DSNURWBF - RECORD (x) VIOLATES CHECK CONSTRAINT AUTHTYPE ON TABLE CIA.UDFCHAR IMPACT: Cannot load UDFCHAR table. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Compliance Information Analysis Release 6.0 Related Problem: CIA 10 Copyright (C) 2020 CA. All rights reserved. R00010-CIA060-SP1 DESC(UDFCHAR CONSTRAINT VIOLATION AFTER SO12989). ++VER (Z038) FMID (CCIA60T) SUP (ST15375) ++HOLD (SO15375) SYSTEM FMID(CCIA60T) REASON (ACTION) DATE (20304) COMMENT (<pre> +-----+ Compliance Information Analysis CA Top Secret Version 6.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Correct UDFCHAR constraint error +-----+ USERS Users of Compliance Information Analysis (CIA) for TSS AFFECTED +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. Operator Commands +-----+ ACCESS 1. SMP/E libraries REQUIRED 2. Operator console +-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh (If applicable) 2. Rerun CIA load 3. Restart CIA Real-Time task). </pre>

Service	Details
SO15473	SO15473 M.C.S. ENTRIES = ++PTF (SO15473) CORRECT PASSPHRASE PROCESSING IN CIA AFTER SO12923 PROBLEM DESCRIPTION: Compliance Information Analysis (CIA) processes passphrase information incorrectly after Top Secret PTF SO12923. SYMPTOMS: Passphrase interval and expiration date do not display. IMPACT: Cannot display passphrase interval and expiration date. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Compliance Information Analysis Release 6.0 Related Problem: CIA 11 Copyright (C) 2021 CA. All rights reserved. R00011-CIA060-SP1 DESC (CORRECT PASSPHRASE PROCESSING IN CIA AFTER SO12923). ++VER (Z038) FMID (CCIA60T) SUP (SO15375 ST15375 ST15473) ++HOLD (SO15473) SYSTEM FMID(CCIA60T) REASON (ACTION) DATE (21123) COMMENT (<pre> +-----+ Compliance Information Analysis CA Top Secret Version 6.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Correct passphrase processing +-----+ USERS Users of Compliance Information Analysis (CIA) for TSS AFFECTED +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. Operator Commands +-----+ ACCESS 1. SMP/E libraries REQUIRED 2. Operator console +-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh (If applicable) 2. Rerun CIA load 3. Restart CIA Real-Time task). </pre>

Service	Details
SO15702	SO15702 M.C.S. ENTRIES = ++PTF (SO15702) IMPROVE SCRT REPORT FOR LICENSE CHECKING PROBLEM DESCRIPTION: SYMPTOMS: IMPACT: CIRCUMVENTION: PRODUCT(S) AFFECTED: Compliance Information Analysis CA ACF2 Version 6.0 Related Problem: CIA 12 Copyright (C) 2021 CA. All rights reserved. R00012-CIA060-SP1 DESC(IMPROVE SCRT REPORT FOR LICENSE CHECK). ++VER (Z038) FMID (CCIA60R) PRE (SO14116) SUP (ST15702) ++HOLD (SO15702) SYSTEM FMID(CCIA60R) REASON (DYNACT) DATE (21123) COMMENT (<pre> +-----+ Compliance Information Analysis RACF Version 6.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Improve SCRT Report for License Check +-----+ USERS Users of Compliance Information Analysis (CIA) for RACF. AFFECTED +-----+ KNOWLEDGE 1. SMP/E. REQUIRED 2. Operator Commands. +-----+ ACCESS 1. SMP/E libraries. REQUIRED 2. Operator console. +-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh (If applicable). 2. Rerun CIA unload.). MCS LU01622 STARTS ON PAGE 0002 MCS LU01623 STARTS ON PAGE 0003 MCS LU01793 STARTS ON PAGE 0005 MCS LU03442 STARTS ON PAGE 0008 MCS LU05896 STARTS ON PAGE 0009 MCS LU05897 STARTS ON PAGE 0009 MCS LU06066 STARTS ON PAGE 0011 MCS LU06173 STARTS ON PAGE 0012 MCS LU08375 STARTS ON PAGE 0013 MCS LU08923 STARTS ON PAGE 0014 MCS LU09074 STARTS ON PAGE 0015 </pre>

Service	Details		
	MCS	LU09268	STARTS ON PAGE 0016
	MCS	LU09269	STARTS ON PAGE 0019
	MCS	LU09416	STARTS ON PAGE 0020
	MCS	LU09417	STARTS ON PAGE 0021
	MCS	LU09418	STARTS ON PAGE 0024
	MCS	SO14037	STARTS ON PAGE 0024
	MCS	SO14116	STARTS ON PAGE 0026
	MCS	SO15375	STARTS ON PAGE 0027
	MCS	SO15473	STARTS ON PAGE 0028
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Product Family	Product	Release
UNKNOWN	COMPLIANCE INFORMATION ANALYSIS COMMON	06.00.00
The CA RS 2304 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2304	S015702	CCIA60R
	S015473	CCIA60T
	S015375	CCIA60T
	S014116	CCIA60R
	S014037	CCIA60A
	LU09418	CCIA60T
	LU09417	CCIA60C
	LU09416	CCIA60A
	LU09269	CCIA60C
	LU09268	CCIA60A
	LU09074	CCIA60R
	LU08923	CCIA60A
	LU08375	CCIA60T
	LU06173	CCIA60R
	LU06066	CCIA60T
	LU05897	CCIA60C
	LU05896	CCIA60A
	LU03442	CCIA60T
	LU01793	CCIA60A
	LU01623	CCIA60R
	LU01622	CCIA60C