Service	Description	Type
SO11006	PROVIDE DATA BACKLOG MONITOR FOR CCILGR	PTF
SO11007	PROVIDE DATA BACKLOG MONITOR FOR CCILGR	PTF
SO11634	EXCESSIVE CAVD0151I MESSAGES AFTER CAVD0148E	PTF
SO11876	UPDATED ENV	PTF
SO11990	STALL DURING SYNC	PTF
SO12199	ZIIP ENABLEMENT - ABEND U3999-3006	PTF
SO12269	PACKAGE IBM STUBS	PTF
The CA RS 2004 service count for this release is 7		

CA Common Services
CA RS 2004 Service List for CAS9F00

FMID	Service	Description	Type
CAS9F00	SO11006	PROVIDE DATA BACKLOG MONITOR FOR CCILGR	PTF
	SO11634	EXCESSIVE CAVD0151I MESSAGES AFTER CAVD0148E	PTF
	SO11990	STALL DURING SYNC	PTF
	SO12199	ZIIP ENABLEMENT - ABEND U3999-3006	PTF
	SO12269	PACKAGE IBM STUBS	PTF
		The CA RS 2004 service count for this FMID is 5	

CA Common Services
CA RS 2004 Service List for CAW1F00

FMID	Service	Description	Type
CAW1F00	SO11007	PROVIDE DATA BACKLOG MONITOR FOR CCILGR	PTF

The CA RS 2004 service count for this FMID is 1

FMID	Service	Description	Type
CFF6F00	SO11876	UPDATED ENV	PTF

The CA RS 2004 service count for this FMID is 1

Service	Details
SO11006	SO11006 M.C.S. ENTRIES = ++PTF (SO11006) PROVIDE DATA BACKLOG MONITOR FOR CCILGR ENHANCEMENT DESCRIPTION: Provide a mechanism that, on periodic intervals, examines the contents of the CCILGR database to verify if the record count exceeds a predefined limit. When this threshold has been exceeded, issue a notification that a backlog of data might be occurring. PRODUCT(S) AFFECTED: Common Communications Interface with SSL Release 14.1 Common Communications Interface with SSL Release 15.0 Related Problem: CCIMVS 1168 Copyright (C) 2020 CA. All rights reserved. R00079-AW0150-SP1 DESC(PROVIDE DATA BACKLOG MONITOR FOR CCILGR). ++VER (Z038) FMID (CAS9F00) PRE (SO06356 SO08818) SUP (ST10909 ST11006) ++IF FMID(CAW1F00) REQ(SO11007) .

Service	Details
SO11007	SO11007 M.C.S. ENTRIES = ++PTF (SO11007) PROVIDE DATA BACKLOG MONITOR FOR CCILGR ENHANCEMENT DESCRIPTION: Provide a mechanism that, on periodic intervals, examines the contents of the CCILGR database to verify if the record count exceeds a predefined limit. When this threshold has been exceeded, issue a notification that a backlog of data might be occurring. PRODUCT(S) AFFECTED: Common Communications Interface with SSL Release 14.1 Common Communications Interface with SSL Release 15.0 Related Problem: CCIMVS 1168 Copyright (C) 2020 CA. All rights reserved. R00079-AW0150-SP1 DESC(PROVIDE DATA BACKLOG MONITOR FOR CCILGR). ++VER (Z038) FMID (CAW1F00) PRE (SO08819) SUP (SO07251 SO10064 SO10579 ST07251 ST10064 ST10579 ST11007) ++IF FMID(CAS9F00) REQ(SO11006) .

Service	Details
SO11634	SO11634 M.C.S. ENTRIES = ++PTF (SO11634) EXCESSIVE CAVD0151I MESSAGES AFTER CAVD0148E PROBLEM DESCRIPTION: If CAVDMAIN fails to initialize, CAVARSRV task may retry indefinitely. SYMPTOMS: CAVD0151I messages will continuously display. IMPACT: If no action is taken, CAVD0151I messages will continue to be displayed. CIRCUMVENTION: CAVARSRV must execute in PSW key 4. See installation configuration tasks for SCHEDxx parmlib updates. PROBLEM RESOLUTION: Deploy updated CAW0LINK, Refresh LLA, Recycle the CAVARSRV address space. PRODUCT(S) AFFECTED: COMMON VARIABLE SERVICE Release 14.1 COMMON VARIABLE SERVICE Version 15.0 Related Problem: VARSRV 21 Copyright (C) 2020 CA. All rights reserved. R00088-AW0150-SP1 DESC(EXCESSIVE CAVD0151I MESSAGES AFTER CAVD0148E). ++VER (Z038) FMID (CAS9F00) SUP (SO10683 ST10683 ST11634)

Service	Details
SO11876	SO11876 M.C.S. ENTRIES = ++PTF (SO11876) UPDATED ENV PROBLEM DESCRIPTION: Deletion of lines in ENV prevent JVM from starting succesfully SYMPTOMS: ESM Microservice proc attempts to start but cannot pickup the correct version of TLS IMPACT: Startup of ESM Microservice on a fresh installation CIRCUMVENTION: None PRODUCT(S) AFFECTED: CCS ESM Microservice CCS Java to z/OS Service Version 15.0 Related Problem: JAVA2Z 22 Copyright (C) 2020 CA. All rights reserved. R00093-AW0150-SP1 DESC(UPDATED ENV). ++VER (Z038) FMID (CFF6F00) PRE (SO07047) SUP (SO09996 SO11182 ST09488 ST09996 ST11182 ST11876) ++HOLD (SO11876) SYSTEM FMID(CFF6F00) REASON (DYNACT) DATE (20070) COMMENT (

```
+---------------------------------------------------------------------+
|      CCS Java to z/OS Service                      Version 15.0      |
+----------+----------------------------------------------------------+
|SEQUENCE  | Before Apply                                             |
+----------+----------------------------------------------------------+
|PURPOSE   |                                                          |
|          |When installing ESM Microservice all replica files will   |
|          | be overwritten.  Non-issue for new install but when      |
|          | upgrading it is important to preserve the state of       |
|          | customized files.  ESM Microservice deployment currently |
|          | contains 2 possibly customized files:                    |
|          | 1. ESMENV which is an HFS file in the ESM Microservice    |
|          |    MVS deployment library                                |
|          | 2. log4j2.xml which is a ZFS file in the ESM Microservice |
|          |    USS deployment library                                |
|          | NOTE:  ESMPROC is a customized proc but should reside in  |
|          |    the active proclib and will not be overlayed by the   |
|          |    installation                                          |
+----------+----------------------------------------------------------+
|USERS     |                                                          |
|AFFECTED  | All ESM Microservice users                               |
+----------+----------------------------------------------------------+
|KNOWLEDGE |  1. SMP/e Knowledge                                       |
|REQUIRED  |  2. USS Knowledge                                         |
+----------+----------------------------------------------------------+
|ACCESS    | Update access to USS CCS deploymet home                  |
|REQUIRED  | Update access to ESM Microservice Deployment dataset     |
```

Service	Details
| | ```
+----------+-------------------------------------------------------+
************************
* STEPS    TO    PERFORM *
************************
1. Determine if you are performing an upgrade of ESM Microservice
or if you are performing a fresh installation. If a fresh install
these proceedures can be skipped. If upgrading follow these steps.
2. Locate log4j2.xml file in USS, ex location:/CCS/uss/esmMService
3. Make a backup copy of log4j2.xml either with a different name or to
a location that will not be impacted by upgrade deployment.
4. Locate ESMENV file in HFS, it should be in the deployment library
for ESM Microservice.  NOTE: its location is explicitly listed
in the ESMPROC member by the STDENV value.
5. Make a backup copy of ESMENV either with a different name or to a
location that will not be impacted by upgrade deployment
6. Deploy upgrades to USS and HFS location for ESM Microservice
7. Manually migrate customization from backup log4j2.xml to the new
deployment log4j2.xml in USS. NOTE: these manual migrations are
important due to recent changes to log4j2.xml
8. Manually migrate customizations from backup ESMENV file into
the new deployment ESMENV file in HFS.  NOTE: these manual
migrations are required due to recent changes to ESMENV.
NOTE: The new ESMENV file may be in a slightly different order
than the backup file. Migrate existing customizations to their
matching lines in the new ESMENV, no new customizations are
required.
9. Test the new deployment files by starting the ESMPROC started task
10. After a successful startup test you can cleanup the backup files
or store them for posterity
).
BINARY
LINK('../misc/esmMService/esmICSF.jar')
PARM(PATHMODE(0,7,7,5)) .
BINARY
LINK('../misc/esmMService/esm.jar')
PARM(PATHMODE(0,7,7,5)) .
BINARY
LINK('../misc/esmMService/ESMMS.java.secirity')
PARM(PATHMODE(0,7,7,5)) .
BINARY
LINK('../misc/esmMService/log4j2.xml')
PARM(PATHMODE(0,7,7,5)) .
``` |

Service	Details
SO11990	SO11990 M.C.S. ENTRIES = ++PTF (SO11990) STALL DURING SYNC PROBLEM DESCRIPTION: CAVARSRV loops while trying to assist in synchronizing variables. SYMPTOMS: Message CAVD0111E is displayed from the CAVARSRV task attempting to initialize, indicating a stall while synchronizing. The CAVARSRV task on the other system that is helping with variable synchronization uses increased CPU while looping. An ENQ with QNAME='CAVARSRV' and RNAME='PRODUCT_QUEUE' exists. IMPACT: Variable synchronization never completes and CAVARSRV doesn't initialize. CIRCUMVENTION: Back up current variables. Stop CAVARSRV on all systems in the sysplex. Bring up CAVARSRV on all systems in the sysplex. Reload variables. PROBLEM RESOLUTION: Deploy updated CAW0LINK, refresh LLA, and issue command: SETPROG LPA,ADD,MODNAME=CAVDLPA,DSNAME=LNKLST PRODUCT(S) AFFECTED: COMMON VARIABLE SERVICE Release 14.1 COMMON VARIABLE SERVICE Version 15.0 Related Problem: VARSRV 22 Copyright (C) 2020 CA. All rights reserved. R00094-AW0150-SP1 DESC(STALL DURING SYNC). ++VER (Z038) FMID (CAS9F00) SUP (ST11990)

Service	Details
SO12199	SO12199 M.C.S. ENTRIES = ++PTF (SO12199) ZIIP ENABLEMENT - ABEND U3999-3006 PROBLEM DESCRIPTION: Product that uses zIIP enablement feature could experience an abend with code U3999 reason 3006 on rare occasions. SYMPTOMS: An SVC dump may be produced and the title indicates an abend U3999-3006 in load module CCS@ZE01. This problem has only been reported from SYSVIEW. IMPACT: The JOB will fail and need to be rerun. This is a very low frequency problem. CIRCUMVENTION: None. If the abend occurs, re-run the failed job. PRODUCT(S) AFFECTED: Resource Initialization Manager Release 14.1 Resource Initialization Manager Version 15.0 Related Problem: CAIRIM 618 Copyright (C) 2020 CA. All rights reserved. R00097-AW0150-SP1 DESC(ZIIP ENABLEMENT - ABEND U3999-3006). ++VER (Z038) FMID (CAS9F00) SUP (ST12199)

Service	Details
SO12269	SO12269 M.C.S. ENTRIES = ++PTF (SO12269) PACKAGE IBM STUBS PROBLEM DESCRIPTION: The PTF contains IBM stubs which are linked into CA load modules. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Resource Initialization Manager Version 15.0 Related Problem: CAIRIM 619 Copyright (C) 2020 CA. All rights reserved. R00099-AW0150-SP1 DESC(PACKAGE IBM STUBS). ++VER (Z038) FMID (CAS9F00) SUP (ST11765 ST12269) ALIAS(CSQBBACK CSQBBFMH CSQBCB CSQBCLOS CSQBCOMM CSQBCONN CSQBCONX CSQBCTL CSQBCTMH CSQBDISC CSQBDTMH CSQBDTMP CSQBGET CSQBINQ CSQBIQMP CSQBOPEN CSQBPUT CSQBPUT1 CSQBSET CSQBSTAT CSQBSTMP CSQBSUB CSQBSUBR CSQBXEP CSQBMHBF) . ALIAS(CSQCCLOS CSQCCONN CSQCCONX CSQCDISC CSQCGET CSQCINQ CSQCOPEN CSQCPUT CSQCPUT1 CSQCSET) . ALIAS(CSQXBAK CSQXCLOS CSQXCMT CSQXCONN CSQXCTMH CSQXDISC CSQXDTMH CSQXDTMP CSQXGET CSQXINQ CSQXIQMP CSQXOPEN CSQXPUT CSQXPUT1 CSQXSET CSQXSTMP CSQXWAIT MQCRTMH MQDLTMH) . MCS SO11006 STARTS ON PAGE 0002 MCS SO11007 STARTS ON PAGE 0002 MCS SO11634 STARTS ON PAGE 0003 MCS SO11876 STARTS ON PAGE 0004 MCS SO11990 STARTS ON PAGE 0006 MCS SO12199 STARTS ON PAGE 0007 MCS SO12269 STARTS ON PAGE 0008

Product Family	Product	Release
Infastructure	CCS JAVA TO Z/OS SERVICE	15.00.00
	EVENT NOTIFICATION FACILITY	15.00.00
	RESOURCE INITIALIZATION MANAGER	15.00.00
	CA-GLOBAL SUBSYSTEM FOR MVS	14.00.00
	CA-GREXX COMMON COMPONENT	14.00.00
	COMMON SERVICES	14.00.00
	CROSS PLATFORM COMMON COMPONENT	14.00.00
The CA RS 2004 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2004	SO12269	CAS9F00
	SO12199	CAS9F00
	SO11990	CAS9F00
	SO11876	CFF6F00
	SO11634	CAS9F00
	SO11007	CAW1F00
	SO11006	CAS9F00
CAR2003	SO11826	CAS9F00
	SO11760	CFF6F00
	SO11227	CFF6F00
	SO10683	CAS9F00
	SO10325	CFF6F00
	SO09527	CAW1F00
	SO09273	CAS9F00
CAR2002	SO11618	CFF6F00
	SO11358	CBUJE00
	SO11182	CFF6F00
	SO10688	CAS9F00
	SO06282	CAW1F00
CAR2001	SO11014	CFF6F00
	SO10936	CFF6F00
	SO10864	CAW1F00
	SO10036	CAW1F00
	SO09669	CAW1F00
CAR1912	SO10775	CAS9F00
	SO10579	CAW1F00
	SO10301	CAW1F00
	SO10035	CAW1F00
CAR1911	SO10574	CFF6F00
	SO10253	CAS9F00
	SO10182	CAW1F00
	SO10076	CAW1F00
	SO10020	CAW1F00
	SO09711	CAW1F00
	SO08952	CFF6F00
CAR1910	SO10064	CAW1F00
	SO09996	CFF6F00
	SO09804	CBUJE00
	SO09631	CBYSE00
	SO08991	CAS9F00
	SO08287	CAW1F00
	SO07952	CAS9F00
CAR1909	SO09412	CAW1F00
	SO09072	CAW1F00
	SO08819	CAW1F00
	SO08818	CAS9F00
CAR1908	SO09090	CAW1F00

CA Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1907	SO08532	CFF6F00
	SO08354	CAS9F00
	SO08067	CAS9F00
	SO07578	CAW1F00
	SO07251	CAW1F00
CAR1906	SO08469	CAS9F00
	SO08372	CAW1F00
	SO07993	CFF6F00
	SO07639	CFF6F00
	SO07591	CAS9F00
	SO07367	CAW1F00
	SO07250	CAW1F00
	SO07248	CAW1F00
CAR1905	SO07863	CFF6F00
CAR1904	SO07681	CAW1F00
	SO07486	CAW1F00
	SO07363	CAW1F00
	SO07021	CAS9F00
CAR1903	SO07047	CFF6F00
	SO06935	CFF6F00
	SO06329	CAW1F00
CAR1902	SO06924	CBUJE00
CAR1810	SO05412	CBYSE00
CAR1809	SO05049	CBYSE00
CAR1808	RO97402	CBYSE00
CAR1804	RO97691	CBYSE00
CAR1711	RO98482	CBUJE00
	RO97316	CCF9E00
CAR1709	RO97611	CCF3E00
CAR1707	RO96451	CBYSE00
CAR1706	RO95554	CBYSE00
CAR1703	RO94690	CBUJE00
	RO93985	CBYSE00
CAR1702	RO93715	CBUJE00
CAR1701	RO93725	CBUJE00
	RO93330	CBUJE00
CAR1610	RO92036	CBUJE00
CAR1605	RO87227	CBYSE00
CAR1602	RO81391	CBYSE00
CAR1601	RO86410	CBUJE00
CAR1508	RO81869	CBUJE00
CAR1506	RO80766	CBYSE00
CAR1505	RO78952	CBYSE00
	RO67470	CBYSE00
CAR1504	RO79147	CBUJE00
CAR1503	RO78090	CBUJE00
CAR1501	RO70933	CBUJE00

CA RS Level	Service	FMID
CAR1412	RO74426	CXE6100
	RO74424	CDU4E00
	RO74423	CASR710
	RO74422	CAF3E00
CAR1410	RO73883	CBUJE00
CAR1403	RO65915	CBUJE00
CAR1310	RO60299	CBUJE00
CAR1309	RO61814	CBUJE00
CAR1307	RO60266	CCF3E00
CAR1306	RO54563	CBYSE00
	RO54215	CAF3E00
	RO53266	CBYSE00
	RO52802	CBUJE00
CAR1303	RO51254	CBYSE00
CAR1212	RO50858	CXE6100
	RO50855	CASR710
	RO50852	CDU4E00
	RO50849	CAF3E00
	RO49438	CBYSE00
	RO49259	CBUJE00
	RO47728	CXE6100
	RO47666	CDU4E00
	RO47625	CASR710
	RO47591	CBYSE00
	RO47590	CBYSE00
	RO47516	CAF3E00
	RO47492	CBUJE00
CAR1210	RO47104	CBYSE00
	RO46688	CBYSE00
	RO46172	CBYSE00
	RO46170	CBYSE00
	RO45565	CCF9E00
	RO45564	CBYSE00
	RO45502	CCF3E00
	RO45372	CBYSE00
	RO44455	CCF3E00
	RO44367	CCF9E00
	RO44289	CBYSE00
CAR1207	RO43136	CBYSE00
	RO42823	CBYSE00
	RO39025	CBYSE00
CAR1204	RO35679	CCF9E00
CAR1201	ZXE6108	CXE6100
	RO34514	CBUJE00
	RO34310	CBYSE00
	RO34162	CXE6100
	RO32753	CBUJE00

CA RS Level	Service	FMID
	RO31903	CDU4E00
	RO31779	CBYSE00
	RO31650	CBUJE00
	RO31058	CBYSE00
	RO29788	CBYSE00
	RO29065	CBYSE00
	RO28425	CBYSE00
	RO27053	CCF9E00
	RO26162	CBYSE00
	RO25737	CXE6100
	RO20913	CXE6100
	QO95030	CXE6100
CAR1010	QO89740	CXE6100
	QO83915	CXE6100