

Djezzy DZ-20250504-105

Call_completion_Suite iCCS / 542 / 169521

Cleaning VMS information from the DB for not VMS subscribers.

Method Of Procedure

Document Version: 20250504-105



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Overview

General Information	
Goals	<p>The fix (script) is ready for cleaning VMS information from the DB for not VMS subscribers. We have found such subscribers due to the "ocvms' didn't respond in time." issue, which fixed by a major update of CCS packages.</p> <p>This script is tested on Testbed with reel Data (we imported last DBs backup from production to Testbed)</p>
Responsible Account Engineer	Samir Hamga (+213799901585)
Tested By	DEV TEAM
Dry Run	testbed
Time Schedule	N/A
System OS	Red Hat Enterprise Linux 8.7 (Ootpa)
Total Activity Duration	10h 55m
Total Down Time	5h 0m
Type Of Intervention	software
Nodes Affected	db1,db2
Affected Areas	Database
Risk Factor	Low

Required configurations at customer network

Opencode can schedule resources for executing MoP after at least 24 hours notice prior activity time.

Required configurations at customer network that should be fulfilled from the customer side prior the activity.

Activity Prerequisites	Status
VPN access	OK

Backup Steps

	Steps and Relevant Commands	Affected Nodes	Duration	Done by	Down-time
1	backup oc_ccs_vms and oc_ccs databases Dump the two databases oc_ccs_vms and oc_ccs 1. <pre>mysqldump -p --routines --databases oc_ccs_vms oc_ccs > /home/ocsupport/dump_ccs_vms_databases_04052025.sql</pre>	dbs nodes	30m	opencode	0m

Update Steps

	Steps and Relevant Commands	Affected Nodes	Duration	Done by	Down-time
1	<p>Check platform before the activity</p> <p>check alarms check web nodes status check traffic logs</p> <p>1. Connect to the web URL and check alarms</p> <pre>https://192.168.236.26/oauth/?state=Ah9Q-f--45&return_url=https%3A%2F%2F192.168.236.26%2Focpanel%2F&client_id=2e54caa3380f6d18b7e0&redirect_uri=https%3A%2F%2F192.168.236.26%2Focpanel%2Fauth%2Fcallback#/choose-an-account</pre>	All nodes	15m	opencode	0m
2	<p>Stop SIP traffic on all sigmgw nodes and Stop all MYSQL schedulers</p> <p>Stop SIP traffic in order to avoid any new data on DBs during the clean and Stop all SCHEDULER</p> <p>JOB_SCHEDULER_OCCCS OCSCF_DR_EXPIRED OC_VMS_INACTIVE_SUBSCRIBERS OC_VMS_SEND_REMINDER_FULL_BOX OC_VMS_SEND_REMINDER_SMS</p> <p>1. stop cross_plugin</p> <pre>cross_plugin stop</pre> <pre>occonnectors stop JOB_SCHEDULER_OCCCS</pre> <p>2. Check cross_plugin and MYSQL schedulers status</p> <pre>cross_plugin status , occonnectors status</pre>	sigmgw1,sigmgw2,sigmgw3,ipgws nodes	5h 0m	opencode	5h 0m
3	<p>Execute the attached the script to cleanup the DBs</p> <p>Execute the removeVMSDataForNotVMSSubscribers.sql script</p> <p>1.</p> <pre>[root@testbed_cc /home/ocsupport/SAMIR]\$ date ; mysql -p <removeVMSDataForNotVMSSubscribers.sql ; date Thu Apr 24 14:21:23 CET 2025 Enter password: Thu Apr 24 19:11:05 CET 2025 [root@testbed_cc /home/ocsupport/SAMIR]\$</pre>	DBs	5h 0m	opencode	0m

	Steps and Relevant Commands	Affected Nodes	Duration	Done by	Down-time
4	<p>check the the result after the script execution</p> <p>Execut the SQL statement below to check that the script is well executed</p> <p>1.</p> <pre>mysql> SELECT COUNT(*) FROM `oc_ccs_vms`.`opr_subscribers` vs JOIN `oc_ccs`.`opr_subscribers` cs ON vs.msisdn = cs.msisdn WHERE cs.cos_id NOT IN (SELECT cc.cos_id FROM `oc_ccs`.`cfg_cos_modules` cc WHERE cc.module_id = (SELECT cm.module_id FROM `oc_ccs`.`cfg_ccs_modules` cm WHERE cm.name = 'VMS')); COUNT(*) +-----+ 0 +-----+ 1 row in set (30.01 sec) mysql></pre>	db1,db2	10m	opencode	0m
5	<p>start the schudeler and check traffic</p> <p>1. start all schudeler stopped</p> <pre>occonnectors start JOB_SCHEDULER_OCCCS</pre> <pre>occonnectors start OCSCF_DR_EXPIRED</pre> <pre>occonnectors start OC_VMS_INACTIVE_SUBSCRIBERS</pre> <pre>occonnectors star OC_VMS_SEND_REMINDER_SMS</pre> <pre>occonnectors start OC_VMS_SEND_REMINDER_FULL_BOX</pre> <p>2. start SIP traffic on all sipgw nodes</p> <pre>cross_plugin start</pre>	ipgws, sigmgws nodes	10m	opencode	0m
6	<p>check platform after the script execution</p> <p>check alarms</p> <p>check web nodes status</p> <p>check traffic logs</p>	all nodes	20m	opencode/ djezzy	0m

Rollback Steps

	Steps and Relevant Commands	Affected Nodes	Duration	Done by	Down-time
1	Import the DBs the two databases oc_ccs_vms and oc_ccs Import the DBs the two databases oc_ccs_vms and oc_ccs backuped on the first setp 1. <pre>mysql -p < /home/ocsupport/dump_ccs_vms_databases_04052025.sql</pre>	dbs nodes	30m	opencode	0m
2	check platform after the rollback step check alarms check web nodes status check traffic logs	all nodes	30m	opencode/ djezzy	0m