Volvo

Monday, November 1, 2021 2:26 PM

Server Name	FQDN	Host Name	Remarks
10.77.22.54	usgsol5054.volvocf.com	usgsol5054	Dev used heavily for dev purpose
10.77.22.152	usgsol5055.volvocf.com	usgsol5055	Prod
10.77.22.51	usgsol5050.volvocf.com	usgsol5050	UAT
10.76.45.53	usgsol5057.volvocf.com	usgsol5057	misc. sftp/samba-file sharing
153.112.216.101	usgsol5303.volvocf.com	usgsol5303	W@8b2Z@q4&T5 - SFTP (one of them)
10.76.46.90	usgsol5044.volvocf.com	usgsol5044	Test
10.76.46.91	usgsol5043.volvocf.com	usgsol5043	Prod

080669914567 --> VOLVO help desk

A334645
Vichunare@2021

"C:\Program Files (x86)\EngineCopy\putty.exe" -ssh a330505@segotl0836.srv.volvo.com -pw Vichunare@2021

"C:\Program Files\PuTTY\putty.exe" -ssh a330505X@udcn.udtrucks.net@10.180.35.2 -pw Vichu@1994

root
MzY3OTgxNj
Segotl3025

Root Passwords

Thursday, August 25, 2022 2:20 PM

Assa Abloy : dol8WORK

BuyWay : dol8WORK

Din El : dol8WORK

Finnveden : dol8WORK

HCL Technologies : MzY3OTgxNj

H&M : dol8WORK

LEO Pharma : dol8WORK ----- root/qwerty1234

Oney Bank : YWM0MzU0NT

Securitas : OGQ4MmE4Zj

SJ : dol8WORK

Stockholm Stad : ********

Techem : dol8WORK

Volvo AB : ZDZlNDUzYT

US: 8anner909

LEO Pharma

Monday, November 1, 2021 2:30 PM

use the below approved channels to connect to my team

Email = servicenow@leo-pharma.com

Phone (numbers) = https://leopharma.service-now.com/ssp?id=contact

Chat (ITSM) - https://leopharma.service-now.com/leo_support.do

Srv01449
srv01689

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22113004100>

--> login from there dkrduxprod25
pcs resource failcount

From <https://forums.centos.org/viewtopic.php?t=65397>

https://myapps.leo-pharma.com/logon/LogonPoint/index.html - Leo citrix

https://reset.leo-pharma.com/default.aspx - LEO password reset
https://passwordreset.microsoftonline.com/
WHDDK@leo-pharma.com
Vichu@1994

Region	Name	Operating system	IP address
West Europe(prod)	SRV60106	Windows 2016	10.97.133.70
East US(prod)	SRV60107	Windows 2016	10.97.101.70
Southeast Asia(prod)	SRV60108	Windows 2016	10.97.165.70
West Europe(Pre-prod)	SRV60109	Windows 2016	10.97.146.40
East US(Pre-prod)	SRV60110	Windows 2016	10.97.114.40
Southeast Asia(Pre-prod)	SRV60111	Windows 2016	10.97.178.40
West Europe(Test)	SRV60112	Windows 2016	10.97.155.70
East US(Test)	SRV60113	Windows 2016	10.97.123.70
Southeast Asia(Test)	SRV60114	Windows 2016	10.97.187.70

Region	Name	Operating system	IP address	Comment
West Europe(prod)	SRV60106	Windows 2016	10.97.133.70	issue--Remote desktop cannot connect to the remote computer
East US(prod)	SRV60107	Windows 2016	10.97.101.70	able to connect
Southeast Asia(prod)	SRV60108	Windows 2016	10.97.165.70	issue--the user account is not authoroized for remote login
West Europe(Pre-prod)	SRV60109	Windows 2016	10.97.146.40	issue--Remote desktop cannot connect to the remote computer
East US(Pre-prod)	SRV60110	Windows 2016	10.97.114.40	able to connect
Southeast Asia(Pre-prod)	SRV60111	Windows 2016	10.97.178.40	issue--the user account is not authoroized for remote login
West Europe(Test)	SRV60112	Windows 2016	10.97.155.70	issue--Remote desktop cannot connect to the remote computer
East US(Test)	SRV60113	Windows 2016	10.97.123.70	able to connect
Southeast Asia(Test)	SRV60114	Windows 2016	10.97.187.70	able to connect

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22070300815>

[2:36 PM] Rajesh Tarigopula
[5/23 3:16 PM] Marri Chaitanya [External]
Creation of $-User acount at LEO - Employee Service Hub (service-now.com)
Login - Employee Service Hub

[5/23 3:17 PM] Marri Chaitanya [External]
Server Access - Employee Service Hub (service-now.com)
Login - Employee Service Hub

Login - Employee Service Hub
the user account is not authoroized for remote login---it will fix by $id--but getting same issue---need to chekc vth him one more time

Oney

Tuesday, November 2, 2021 1:25 PM

ONEY:
======

naresh.deenadayalan@ba-l_tme@SV1169@10.215.193.1
naresh.deenadayalan
HCL@ONEY-2022

[ba-l_tme@sv1169 ~]$ . ./.pp

https://sv5000.banque-accord.com/
administrator@vsphere.local
Alf/2-115!

Oney password reset:
https://10.215.193.2/PasswordVault/

KB000058431

GSS

Tuesday, November 2, 2021 1:27 PM

Here are your GSS Admin accounts on the new AD domains:

- PROD : sds.hclgss.com
- QA : qsds.hclgss.com

PROD login : SDS\naresh.d
QA login : QSDS\ naresh.d
Password : P@ssword06
June@2022

h011811	hx11811

Sdsaccpass@2021
Passforgsss@1994

Please contact idm_isim_team@hcl.com team with an incident request, they will enable HO and Hx accounts to access GSS environment.

Service Now group name : GLB IDM ISIM

jdW4Oqnn95.plh

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22030701610>

You can access GSS jump host server (SEGOTN15074.sds.hclgss.com - 170.102.128.4) from Volvo jump host server (SEGOTN15073.rds.volvo.com – 153.112.160.133).
You should use :

- your PROD SDS ID to login on SEGOTN15074.sds.hclgss.com
- your VCN admin ID to login to SEGOTN15073.rds.volvo.com

From putty " naresh.d@sds.hclgss.com

Segotl6294.it.hclgss.com - Ansible tower

https://lcs01.it.hclgss.com/

http://sp-hotel.volvo.com/volvoit/UnixDoc/UnixWiki/RuntimeOSHCLGSSAccess.aspx

GSS Jump host
segotl6230
segotl6231

https://segotl6002.it.hclgss.com/users/login - Satellite

https://segotl6204.idm.it.hclgss.com/ipa/ui/
admin/idmhcl123
https://ansibletower.it.hclgss.com/#/login
https://segotl6002.it.hclgss.com/users/login
https://lcs01.it.hclgss.com/
https://git.it.hclgss.com/git/

Reference Tickets

Monday, November 1, 2021 9:17 PM

INC007648654 --> AD access
INC007699092
RITM000389976 --> SSC-TechApp-Linux
DNS team "Network Security Applications" --> INC007037171

INC0013575284 -hx11811 - password reset (GSS ISIM SDS)

PPDL

Monday, November 1, 2021 9:19 PM

GSS Function Remote Hardware Support <GSS.RemoteHardwareSupport@HCL.COM> --RHS team Funtion mailbox: SupportJavaServer.O@hcl.com

PPDL_GSSgotDClan@hcl.com
adarsh.a@hcl.com
vaneet.g@hcl.com

AD team:
=========
Support.AD.Infra.2nd@hcl.com
GLB WINDOWS AD INFRA MGMT 2ND
DNS team "Network Security Applications" --> INC007037171

Charging Team:
==========
GSS Support Mecc <GSS.Support.mecc@hcl.com>
Guy Burssens <guy.burssens@hcl.com>

HPE Password

Friday, November 12, 2021 6:17 PM

Please use the below new password for HPE site https://support.hpe.com/

username : SupportJavaServer.O@hcl.com
password : Un!x@2023!

Un!x#123

URL : https://support.hpe.com/portal/site/hpsc/scm/submitCase
username : SupportJavaServer.O@hcl.com
password : Un!x@2023

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22113004100>

https://ftp.ext.hpe.com/hprc

Login: upgrade9
Password: Gdc_1234

URL : https://support.hpe.com/portal/site/hpsc/scm/submitCase
user name : SupportJavaServer.O@hcl.com
password : Un!x#321

Hana File upload

Wednesday, January 26, 2022 12:02 AM

https://ftp.ext.hpe.com/hprc

Login: upgrade9
Password: Gdc_1234

From <https://teams.microsoft.com/multi-window/?agent=electron&version=21110108720>

Ldap New password

Tuesday, January 17, 2023 11:11 AM

i6Q0qAcfgtl3R_

http://adexplorer.findmysoft.com/download/

0987&Medha@0987

0987&Pragnya@0987

jagadish.h@hcltech.com
n0passw0rd@HCL

HPC/PLM - ILO

Thursday, February 3, 2022 2:09 PM

Project Lifecycle Magement

Hostname	ip_addr	iDRAC/ILO
inblrl0015:/nobackup/it_misc_03	10.235.62.55	10.235.20.234
inblrl0019:/nobackup/it_misc_05	10.235.62.22	10.235.20.27
inblrl0022:/nobackup/it_misc_07	10.235.62.27	10.235.20.40
inblrl0023:/nobackup/it_misc_10	10.235.62.42	10.235.20.48
inblrl0024:/nobackup/it_misc_12	10.235.62.45	10.235.62.39
inblrl0025:/nobackup/it_misc_13	10.235.62.67	10.235.62.67
inblrl0026:/nobackup/it_misc_15	10.235.62.68	10.235.62.68
blr-hpc2-f001	10.235.62.51	10.235.20.233
blr-hpc2-f002	10.235.62.52	10.235.20.232
blr-hpc2-f003	10.235.62.53	
blr-hpc2-f004	10.235.62.49	10.233.32.34
blr-hpc3-f001	10.235.62.18	10.235.20.25
blr-hpc3-f002	10.235.62.17	10.235.20.24
blr-hpc3-f003	10.235.62.14	10.235.20.23
blr-hpc3-f004	10.235.62.12	10.235.20.22
blr-hpc5-f001	10.235.62.31	10.235.20.31
blr-hpc2-i001	10.235.62.50	10.235.20.231
blr-hpc3-i001	10.235.62.20	10.235.20.26
blr-hpc4-i001	10.235.62.36	10.235.62.36
blr-hpc4-i002	10.235.62.38	10.235.62.37
blr-hpc5-i001	10.235.62.60	10.235.20.52
blr-hpc5-i002	10.235.62.58	10.235.20.56
blr-hpc4-g001	10.235.62.40	10.235.62.40
blr-hpc5-g001	10.235.62.64	10.235.20.57
blr-hpc5-g002	10.235.62.62	10.235.20.54
blr-hpc4-c001	10.235.62.47	10.235.20.28

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22010300408>

KB

Wednesday, March 16, 2022 3:23 PM

2022-01-17	hemachandran.m@hcl.com	51913857	KB000056234
2022-02-18	manthramurthy.madhu@hcl.com	51838108	KB000056721
2022-02-23	manikanta.dogiparthi@hcl.com	51806695	KB000056797
2022-02-28	rajesh.tarigopula@hcl.com	51903657	KB000056811
2021-10-07	shitij_g@hcl.com	51661654	KB000053212
2022-03-03	venkataraoy@hcl.com	51668304	KB000056984
2022-03-03	venkataraoy@hcl.com	51668304	KB000056990

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22020701812>

KB000032734 - Incident Management Best Practices to handle Volvo Incidents
KB000030632 - End User contact procedure.

WBS CODE

Thursday, March 17, 2022 11:59 AM

Report the Request's WBS in CAT's for the Projects and ADHOC activities you support.

Below have mapped the Non-Charging used for (leave, Vacation, illness, company Holiday etc.) and the Activity Type should be used as M00000

WBS for Daily Operational Hours

I/160229.0001.001	Operation Man-hour	x	Linux Operation Man-hour
I/160229.0002.001	Operation Man-hour	x	UNIX Operation Man-hour
I/160229.0003.001	Operation Man-hour	x	CLOUD Operation Man-hour
I/160229.0005.001	Operation Man-hour	x	SUNSET Operation Man-hour
I/160229.0007.001	UNIX Tailored PLM Operation & 2nd Level Support	x	PLM UNIX TAILORED PLM OPERATION & 2ND L SUPP
I/160229.0007.002	UNIX SOE-PLM Setup maintenance	x	PLM UNIX SOE-PLM Setup maintenance
I/160229.0007.003	UNIX PLM consolidation project	x	PLM consolidation project
I/160235.0001.001	Operation Man-hour	x	Oracle DB Operation Man-hour
I/160235.0002.001	Operation Man-hour	x	PostgreSQL DB Operation Man-hour
I/160235.0003.001	Operation Man-hour	x	DB2 Operation Man-hour
I/160235.0004.001	Operation Man-hour	x	WAS Operation Man-hour
I/160235.0005.001	Operation Man-hour	x	JBoss Application Server Operation Man-hour

Non Charging WBS

And let's not forget that these WBS can only be used in combination with activity type M00000 and vice versa: M00000 can only be used with these I/999991* WBS.

Project definition	WBS element	Name
I/999991	I/999991	Non Chargeable Time
I/999991	I/999991.0001	Absence
I/999991	I/999991.0001.001	Absence for consultants 0,01 hour / week
I/999991	I/999991.0001.002	Child care
I/999991	I/999991.0001.003	Timebank
I/999991	I/999991.0001.004	Leave
I/999991	I/999991.0001.005	Illness
I/999991	I/999991.0001.006	Vacation
I/999991	I/999991.0001.007	Parent time off
I/999991	I/999991.0001.008	Jury Duty
I/999991	I/999991.0001.009	Bank Holiday
I/999991	I/999991.0001.010	Flex time
I/999991	I/999991.0004	Administration
I/999991	I/999991.0004.001	Administration Managers
I/999991	I/999991.0004.002	Administration Employees
I/999991	I/999991.0004.003	P&D wait for work
I/999991	I/999991.0004.004	Meetings
I/999991	I/999991.0004.005	Union work
I/999991	I/999991.0004.006	Training
I/999991	I/999991.0004.007	Admin Emp. -UCC Consulting services

Decommission

Monday, March 21, 2022 5:33 PM

Server	New Server
ecsjl0132	ecsjl0415
ecsjl0133	ecsjl0416
ecsjl0134	ecsjl0408
ecsjl0135	ecsjl0409
ecsjl0152	ecsjl0458
ecsjl0154	ecsjl0459
ecsjl0281	ecsjl0423
ecsjl0291	ecsjl0418
ecsjl0292	ecsjl0425
ecsjl0290	ecsjl0417
ecsjl0326	ecsjl0461
ecsjl0280	ecsjl0422
ecsjl0287	ecsjl0410
ecsjl0327	ecsjl0460
ecsjl0288	ecsjl0411
ecsjl0289	ecsjl0424
ecsjl0293	ecsjl0434
ecsjl0325	ecsjl0435

ITM

Wednesday, June 14, 2023 8:07 PM

Alternative solution run the same script as root user from vg641 .

/itmrep/cust/script/UNIX/bin/global_launch_maintenance_server_OS_UNIX.sh -s segotl0488 -c CHG000429072 -d -t 8 -m gssd.java.unix.so@hcl.com Serverlist=segotl0488

Segotl3028
Itmbath

/soe3/bin/soe listlh --> to list the soe ID

Please change the SPECIFIC soeid agent in the below highlighted field and start it once and check the status
Example:
[root@segotl0486 logs]# cd /**r3lbzascs**/soe3/bin/
[root@segotl0486 bin]# export SOE3ROOT=/**r3lbzascs**/soe3
./soe start itm_lh -------- START COMMAND

/soe3/bin/soe listlh ----------LIST COMMAND

Wednesday, July 12, 2023 9:05 PM

Superdome Flex
Uname:-Admin
Paasword:-HPEpassw0rd!

hpadmin
HP1nv3nt

mgr
dol8WORK$

Main LInux hosted Apps

Wednesday, June 8, 2022 12:42 PM

our Main LInux hosted Apps are
IMPACT
BALDO
PARTS LINQ
DLX
ATLAS
SAP MII
SAP FM
BUS MASTER
SAP HR
PROSIS
CV360
ARGUS

1 Server Details

Monday, November 1, 2021 2:33 PM

PLM
====
Spf01 – got site server
Frlyonl0145 – lyon
Inblrl0003 = Bangalore
Jpageol0011 – japan
Brctax057 = brasil
Usgsol0061 = gso
Aubnel005 – Australia
Inhosl0001 – hoskote
Plwrol0003 = Poland
casteul302 – Canada

VFS servers

Server Name	FQDN	Host Name
10.77.22.54	usgsol5054.volvocf.com	usgsol5054
10.77.22.152	usgsol5055.volvocf.com	usgsol5055
10.77.22.51	usgsol5050.volvocf.com	usgsol5050
10.76.45.53	usgsol5057.volvocf.com	usgsol5057

root
ohn_ie30k

153.112.216.101 usgsol5303.volvocf.com usgsol5303
10.76.46.90 usgsol5044.volvocf.com usgsol5044
10.76.46.91 usgsol5043.volvocf.com Usgsol5043

W@8b2Z@q4&T5
SRM: Jared Suggs <Jared.suggs@hcl.com>

segotl4385.srv.volvo.com SAT 6.8
segotl1225 -- Puppet Server
segotl4391 -- New Puppet3
segotl4475 -- New Puppet5
segotl1130 -- old configgroup
segotl4531 --- Future LCS01 severs.

SAT 6.3
segotl2596.srv.volvo.com
segotl2597.srv.volvo.com
segotl3523.srv.volvo.com
segotl3685.srv.volvo.com
segotl3686.srv.volvo.com
wwglbl50001.aws.volvo.net

SAT 6.8
segotl3687.srv.volvo.com
segotl4385.srv.volvo.com
segotl4386.srv.volvo.com
segotl4598.srv.volvo.com
segotl4599.srv.volvo.com

Segotl1252 --Ldap
zlin1072 - Linux- Sudo server
Segotl2945 - Ansible/Java ops dashboard
Segotl3028 - ITM
Segotl0033 -sat 5
Segotl1979 - inventory server

Segotl2514 - Hiera
segotl0655(capplan server).

RHEL8 servers

segotlab22005 - 10.221.231.45
segotlab22006 - 10.221.231.46
segotlab22007 - 10.221.231.64
segotlab22008 - 10.221.231.65

IDM servers

SEGOTL4348
SEGOTL4349
SEGOTL4350
SEGOTL4351

This is LDAP master/supplier server.
It is part of multi-master replication.

MMR:
segotl2591
segotl2881

sv0145 – puppet
SV1201 – Satellite
Sv0146 - Cobbler

These are the 4 IPA/IDM servers for wcar,
SEGOTL4348 IDM Master
SEGOTL4349 IDM Replica 1
SEGOTL4350 IDM Replica 2
SEGOTL4351 IDM Hidden Replica 3

vCenters
==========
Segotn11245.rds.volvo.com(Volvo)
Segotv00400.srv.volvo.com(Volvo.Techem, Leo-Pharma)
Segotv00601.srv.volvo.com(HCL and multi-tenant clusters)
Jpsaitn222.rds.volvo.com(Volvo)
Usgson677.rds.volvo.com(Volvo)
srv01275.leo-internal.net(Dedicated to Leo-pharma)
srv01571.leo-internal.net(Dedicated to Leo-Pharma)

Vcenters for H&M customer
segotv00648.srv.volvo.com
segotv00381.srv.volvo.com
segotv00576.srv.volvo.com

segotlab200.got.volvo.net
segotv00818.it.hclgss.com -- GSS DEV VC
segotv00879.it.hclgss.com -- GSS VC replacement build for IT segregation
segotv00880.it.hclgss.com -- GSS VC replacement build for IT segregation
srv01571.leo-internal.net

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22060614805>

ILO of US servers can be accessed from “usgson138” RDP form citrix app “SER -CustomerGW-RDP Client”
usgsol0157 10.248.52.188
usgsol0159 10.248.52.189
uswsnl0158 10.248.53.189
uswsnl0160 10.248.53.190

segotl3101 (Design Ansible server)

Segotl6073 - test server
Design FC test server
segotl4779-n1
segotl4779-n2

LAB servers:
segotlab22005
segotlab22006
segotlab22007
segotlab22008

RHDS 9 Nodes
- Segotl3581
- Segotl3580
- Segotl3579
- Segotl3578
- Segotl2239
- Segotl2238
- Segotl2237
- Segotl2236
- Segotl0564
- Segotl0563
- Segotl0032

Site Server OS Console

bourg	bgxindevsrvsa02	RHEL-8 (64-bit)	vmware
bourg	bgxineonappsa01	CentOS 7 (64-bit)	vmware
bourg	bgxinotddevsa01	CentOS 7 (64-bit)	vmware
bourg	bgxinotdpocsa01	CentOS 7 (64-bit)	vmware
bourg	bgxpreonappsa01	CentOS 7 (64-bit)	vmware
Blainville	blfprbkpmsdsa01	Rhel-7.3	Physical
Blainville	bluprbkpmsdsa02	Rhel-7.3	Physical

Devicename	Short Description
secc3380	H&M GWMS , RP logserver
srv35729	H&M GWMS RP ARCHIVE
srv35730	GWMS srv35730
srv35747	H&M GWMS RP CH DB
srv35748	H&M GWMS RP CH DB
srv35754	H&M GWMS APP QA0
srv35755	H&M GWMS APP SA2
srv35756	H&M GWMS APP DA0
srv35757	H&M GWMS APP DA1
srv35759	H&M GWMS APP DA3
srv35762	H&M GWMS APP TA0
srv35763	H&M GWMS APP TA1
srv35765	H&M GWMS APP TA3
srv35766	H&M GWMS APP TA4
srv35699	H&M GWMS RP QA1
srv35784	H&M GWMS RP QA3
srv35800	H&M GWMS RP CB1
srv35802	H&M GWMS RP CB3
srv35803	H&M GWMS RP CB4
srv35804	H&M GWMS RP SA3
srv35774	H&M GWMS RP PB4
srv35775	H&M GWMS RP PB3
srv35777	H&M GWMS RP PB1
srv35810	H&M GWMS RP GB2
srv35809	H&M GWMS RP GB1
srv35811	H&M GWMS RP GB3
srv35812	H&M GWMS RP GB4
srv35813	H&M GWMS RP QA4
srv33354	HM GWMS DB Test
srv33355	HM GWMS DB Test
srv33380	H&M GWMS RP DA4
SEGOTL2385	H&M BISGTS 652 Prod CSN
SEGOTL2386	H&M BISGTS 652 Prod CSN
SEGOTL2387	H&M BISGTS 652 QA CSN
SEGOTL2388	H&M BISGTS 652 QA EBN

ankit.agarwal@hcl.com--RDU Linux team contact person

fqdn	shortdescription
segotl2591.srv.volvo.com	LDAP RHDS10 supplier/master 1 (of 2)
segotl2881.srv.volvo.com	LDAP RHDS10 supplier/master 2 (of 2)
segotl2882.srv.volvo.com	LDAP RHDS10 consumer/slave 1 (of 7)
segotl2883.srv.volvo.com	LDAP RHDS10 consumer/slave 2 (of 7)
segotl2884.srv.volvo.com	LDAP RHDS10 consumer/slave 3 (of 7)
segotl2885.srv.volvo.com	LDAP RHDS10 consumer/slave 4 (of 7)
segotl2886.srv.volvo.com	LDAP RHDS10 consumer/slave 5 (of 7)
segotl2887.srv.volvo.com	LDAP RHDS10 consumer/slave 6 (of 7)
segotl2888.srv.volvo.com	LDAP RHDS10 consumer/slave 7 (of 7)
segotl3578.srv.volvo.com	LDAP server
segotl3579.srv.volvo.com	LDAP server
segotl3580.srv.volvo.com	LDAP server
segotl3581.srv.volvo.com	LDAP server

segotl0563.srv.volvo.com	UNIX Ldap server PMM
segotl0564.srv.volvo.com	UNIX LDAP server PMM
segotl3773.srv.volvo.com	LDAP RHDS10 consumer/slave PHY 1
segotl3774.srv.volvo.com	LDAP RHDS10 consumer/slave PHY 2
segotl1252.got.volvo.net	ldap management server
segotl2236.srv.volvo.com	Unix LDAP instance
segotl2237.srv.volvo.com	Unix LDAP instance
segotl2238.srv.volvo.com	Unix LDAP instance
segotl2239.srv.volvo.com	Unix LDAP instance
segotl2920.srv.volvo.com	Unix LDAP instance
segotl2921.srv.volvo.com	Unix LDAP instance
segotl0032.srv.volvo.com	LDAP Master. Unix Got PMM

Superdome flex
Hpadmin
HP1nv3nt
Admin/admin
HP1nv3nt/hpinvent

mgr
dol8WORK$

```
SEGOTL4348 --> IDM Master

kinit admin
idmwcar123


find the user exist or not
sudo ipa user-show sandeepkumar.chanda

user add
echo "Hcl@123#" | ipa user-add --first=Arka --last=Misra --email=mengani.dheeraj@hcl.com --password --gecos"mengani dheeraj" mengani.dheeraj

ipa group-add-member hcl_unix_oracle_medium_users --users=sandeepkumar.chanda


to change the passwd
ipa user-mod --password username
```

wcar

Blainville	2-servers which we need to support-physical servers									
IP	Server-Lyon	HW Support Level	OS Support Level	OS Managed by team	HW Managed by team	Appl / Product Managed by	Server Status	Ilo	cred	cred
10.214.46.57	blfprbkpmsdsa01	standard	Basic	JAVA AHS UNIX SO	PPDL.EOSBLVInfastructureLegacy@volvo.com	PPDL.Storage.Backup.Operations@hcl.com	runtime	https://10.214.56.163	antemeta/antemeta	root/rootroot
10.214.46.58	bluprbkpmsdsa02	standard	Basic	JAVA AHS UNIX SO	PPDL.EOSBLVInfastructureLegacy@volvo.com	PPDL.Storage.Backup.Operations@hcl.com	runtime	https://10.214.56.162	antemeta/antemeta	root/rootroot

Bourg	one server missing waiting for their update			
vmware	bgxindevsrvsa02	RHEL-8 (64-bit)	root	azerty2021
vmware	bgxineonappsa01	CentOS 7 (64-bit)	root	bg_oryx1
vmware	bgxinotddevsa01	CentOS 7 (64-bit)	root	0pend00r
vmware	bgxinotdpocsa01	CentOS 7 (64-bit)	root	0pend00r
vmware	bgxpreonappsa01	CentOS 7 (64-bit)	root	bg_oryx1
missed server	bgxprsxwappsa01	10.214.46.57		

Passwdless

Wednesday, January 25, 2023 7:35 PM

[ansiblehcl@segotl0836 .ssh]$ ssh -q -i id_rsa_ansiblehcl segotl2967

New Way Of working

Tuesday, January 24, 2023 12:17 PM

techl0726.eu.techem.corp - Techem Jump host VichuNare@2021

buywl0057.idm.gss.buyway.net
ecsjl0520.srv.sj.se

ssh techl0726.eu.techem.corp -l hx11811
FROM GSS JUMP HOST: ssh srv01868.leo-internal.net -l hx11811

ssh ecsjl0520.srv.sj.se -l hx11811

hx11811
Vichu@1994
[@segotl6230 ~]$ ssh techl0726.eu.techem.corp -l hx11811

```
#################################################################
#                    ATTENTION !!                    #
#                                                    #
#   For personal accounts, use Your OUTLOOK (VCN AD) Password   #
#   For system/application accounts, use the local password.    #
#                                                    #
#   If You are locked out, please contact Your local helpdesk.  #
#################################################################
hx11811@techl0726.eu.techem.corp's password:
Kickstarted on 2022-11-08
Last login: Tue Jan 24 07:46:51 2023 from 170.102.128.109
[hx11811@techl0726 ~]$
```

GSS:
=====
hx11811
VichuNare@2021

h011811
NareVichu@2021

Test the login access on SJ jumphost (ecsjl0520.srv.sj.se) from GSS jumphost.

login:hx11811
password: Vichu@1994

==========
Password less authentication:
==========

```
kinit admin
Ssh-keygen
ipa user-mod hx11811 --sshpubkey="$(cat /home/hx11811/.ssh/id_rsa.pub)"
ssh <server>
ipa user-mod hx11811 --sshpubkey=""
```

==========

	IDM master	Replica	hidden replica
Techem	techl0745.idm.eu.techem.corp	techl0744.idm.eu.techem.corp	techl0743.idm.eu.techem.corp
Leo	srv01895.idm.leo-internal.net	srv01896.idm.leo-internal.net	srv01897.idm.leo-internal.net
SJ	ecsjl0523.idm.srv.sj.se	ecsjl0522.idm.srv.sj.se	ecsjl0521.idm.srv.sj.se
Buyway	buywl0057.idm.gss.buyway.net	buywl0058.idm.gss.buyway.net	buywl0059.idm.gss.buyway.net
Dinel	HCL GSS IDM setup	HCL GSS IDM setup	HCL GSS IDM setup

Root access

Friday, August 19, 2022 11:37 AM

Short Temporary ROOT access (Limited 1 Week)

- Raise a SNOW Incident to JAVA AHS UNIX with SRM and DM approvals attached – Agreeing to below mentioned parameters.
- There should be change process for all the changes they do during the ROOT Privileges duration

Long term Temporary ROOT access

- Must and Mandate to secure IT Exemption request that is Approved from IT Security and addressing to Infra SDL.

Permanent ROOT Access

- Strictly Prohibited

Agree on these Don't 's and Do's point'

DON'T's	
Restarting or Shutdown of the server	
Creation of Local Users and Group ID	
Installing Non approved 3rd party application's	
Change of Permissions for Files and Folder that are binded on OS ROOT folder.	
Changing ROOT managed Configurations	
Additions of Resources without Platform team acknowledgment	
DO's	
Follow the Change Process for Business Approved Software Installations or Application configurations Changes	
Connect to Platform team for Planning Activities , like Restart of server	

LINK

Tuesday, November 2, 2021 1:40 PM

\\segotn13992\share\H&M iso -- common share
\\SEGOTN10424\D$\Temp
\\VCN.DS.VOLVO.NET\CLI-HM\HM0813\a056881

https://lcs01.srv.volvo.com/linux/ansible-playbooks/ -- Playbook

anusha.chemuru@hcltech.com - Knowledge base

KB000028612 -- OS Reinstallation.

https://segotl4210.got.volvo.net/ovirt-engine/sso/login.html -- RHEV
admin
opsadmin
redhat

https://lcs01.srv.volvo.com/cgi-bin/lcs-gensys.cgi - Sat 5

http://lcs01.srv.volvo.com/configgrp/

https://itrust.volvo.net/home/defaultPage -->

https://ahs-java-so-dashboard.got.volvo.net/DASHBOARD/Security/ --ITC dashboard find the sequence number

LUKS - encryption:
==========
http://sp-hotel.volvo.com/volvoit/UnixDoc/UnixWiki/StandardsOSLUKS%20Encryption.aspx
https://access.redhat.com/solutions/236543

http://sp-hotel.volvo.com/volvoit/UnixDoc/UnixWiki/StandardsOSLUKS%20Encryption.aspx

Segotl1093 - Public interface - red hat ftp.
root@segotl1093# ftp 209.132.183.100

#git clone https://gitux.srv.volvo.com/repo/hieradata-pup5 - puppet 5
#git clone https://gitux.srv.volvo.com/repo/hieradata-prod.git - puppet 3
#git clone https://gitux.srv.volvo.com/repo/hieradata-pup7 - puppet7

git clone https://git.it.hclgss.com/repo/puppet/TECHEM/hieradata.git

Open Hosting Services - Documents - All Documents (sharepoint.com) -- Decommission servers -evidence store Path link

https://ipam.srv.volvo.com/

UnixWiki

Monday, November 15, 2021 3:27 PM

https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/UnixWiki/Home.aspx

Faros - New netgroup

Monday, November 29, 2021 3:26 PM

- Name of the netgroup : Eg (UNIX_APPNAME_HIGH)
- DSO of the netgroup (Owner of the netgroup/VCN ID)
- Servers to be added to the netgroup - segotlxxxx and segotlxxxx
- Commands to be included in the netgroup – Eg : cat, ls, service httpd *
- SRM approval

- Name of the netgroup : Eg (UNIX_APPNAME_MEDIUM)
- DSO of the netgroup (Owner of the netgroup/VCN ID)
- Servers to be added to the netgroup - segotlxxxx and segotlxxxx
- SRM approval

Monday, December 6, 2021 2:17 PM

SAP HANA root password
HP1nv3nt
HPEpassw0rd
HPpassw0rd

RHS Hardware Support matrix

Tuesday, February 1, 2022 1:34 PM

ITIL - RHS Team Roles and Hardware team Funtional Support Matrix | HCL Service Integration and Management Service Management (service-now.com)

Pre-check

Tuesday, May 24, 2022 10:43 AM

wget http://lcs01.srv.volvo.com/linux/utils/prepostscript/check_v2.sh
wget http://lcs01.srv.volvo.com/linux/utils/prepostscript/fs-ext-pre-check.sh

Email- GRC_Advance Vulnerability Management

Monday, June 6, 2022 7:56 PM

gss.function.vulnscan@hcl.com
Hclvolvo_security@hcl.com --> GRC security

sudhanshu.sharma@hcltech.com - For splunk

support.dica@volvo.com
PPDL MIM <PPDLMIM@hcl.com>

GLB VCD OD:
priyanka.anthi@hcltech.com
GLB UAS OD
chinthapatla.sound@hcltech.com

GRC_Advance Vulnerability Management -- AVM team

ITSM team.

BramhareddyS@hcl.com
muddalurusudh.raju@hcl.com

GLB WINDOWS MALWARE 2ND

jeevitha.g@hcl.com - Qualys
sudhanshu.sharma@hcl.com - Qradar

pulkit.v@hcltech.com - Splunk

i-series team.
Rajeev Chandel <rajeev_c@hcl.com>

GIT Messaging Team <HCLMsgTeam@hcl.com> - HCL exchange team
GSSD_UCC_Exch_Sfb_RF@hcl.com --> UD Exchange team

Firewall -> gssnetworksecurityfw@hcl.com

VPN Connect services / Global Protect -> gss.cs@hcl.com

Network Security Applications -> support.netapps@hcl.com

If prioritization is required, you can get in touch with the following TEAM LEADERS:

Firewall you can reach to Ustramuri Srikanth ustramuri.s@hcl.com

VPN Connect you can reach to Kishan Munegowda kishan.m@hcl.com

Network Security Applications you can reach to Adinarayana rao M adinarayanarao.m@hcl.com for any assistance required.

For any kind of escalations, you can reach out to my manager sethuraman.ganesan@hcl.com

SID

Tuesday, August 8, 2023 4:45 PM

SID Team:

Sridhar D <sridhard@hcl.com>
John Samuel <johnsamuel.s@hcl.com>
mohanram.b@hcl.com

Friday, July 15, 2022 6:27 PM

PRINTER COMMANDS IN SOLARIS :
==========
==========

lp -d <printer> filename-to-print ---> Prints a perticular file.

dns entry qus07d1.gso.volvo.net

Configuring a printer :
---

lpadmin -p qust07d1 -s <ipaddress> -v /dev/null -m netstandard -o dest=qust07d1 -T unknown -I any

accept qust07d1
enable qust07d1
reject <printer>

[root@mmdhapri logs]# ksh

[u@h W]# enable mmdlft05

printer "mmdlft05" now enabled

[u@h W]# lpstat -p mmdlft05
printer mmdlft05 is idle. enabled since Thu May 17 12:53:14 2012. available.

lpstat -s ---> list all printers
lpstat -o ---> displays printer queue
cancel qus22163-01 ---> cancels print in que

lpstat -a qus22163 ---> reports if printer is accepting requests
qus22163 accepting requests since Apr 11 10:59 2000

lpstat -d ---> displays default printer
no system default destination

lpstat -o qus22163 ---> displays print que waiting for print

lpstat -p qus22163 ---> displays idle/busy enabled/disabled
printer qus22163 is idle. enabled since Apr 11 11:10 2000. available.

lpstat -s | grep qus22163 ---> displays summary of printer
system for qus22163: gs043.it.volvo.com

lpstat -t | grep qus22163 ---> combination of -s -a -p
system for qus22163: gs043.it.volvo.com
qus22163 accepting requests since Apr 11 11:06 2000
printer qus22163 is idle. enabled since Apr 11 11:06 2000. available

/etc/lp/interfaces

To refresh printer services -> be careful while using this command

/usr/lib/lpshut

/usr/lib/lpsched

lpstat -l -p <printer name> ---> Detailed info about the printer.

/usr/ucb/lpc clean <printer name> ---> to clean the print queue.

/etc/lp/interfaces ----> In this location, a file will be created with the printer name.

lpadmin -p invbarY2 -v /dev/null -m netstandard -o dest=invbarY2 -T unknown -I any

lpadmin -p invbarY3 -v /dev/null -m netstandard -o dest=invbarY3 -T unknown -I any

Friday, July 15, 2022 6:28 PM

cat /opt/jbossas/jboss-eap-*/version.txt

Jboss server Patching:
==========
Verify the last snapshot backup.

Step 1: Check and remove the Jboss& Jahs repository channels.

#spacewalk-channel -c vsb-current-lcs_jahs-rhel6 -r

vsb-current-jahs-rhel6-x86_64
vsb-current-jbappplatform-6-x86_64-server-6-rpm
vsb-current-lcs_jahs-rhel6

step 2: Disable ITM Monitoring (segotl3028)

Step 3:Stop the application

Step 4: Take Backup of Jboss & Apache Config files

cp -pR /etc/jbossas/* /tmp/jboss_backup_$(date)/etc/jbossas/
cp -pR /var/lib/jbossas/* /tmp/jboss_backup_$(date)/var/lib/jbossas/
cp -pR /usr/share/jbossas/* /tmp/jboss_backup_$(date)/usr/share/jbossas/
cp -pR /etc/httpd/conf.d/* /tmp/jboss_backup_$(date)/etc/httpd/conf.d/
cp -PR /etc/httpd/conf/* /backup/jboss_backup_$(date)/etc/httpd/conf/

Step 5: Take TSM Incremental Backup

Step 6: Take Pre-check output

Step 7: Apply the patch

yum --exclude=httpd,java-1.7.0-openjdk,java-1.8.0-openjdk*,java-1.8.0-openjdk-headless,jpackage-utils,log4j-jboss,jboss*,TIVsm-API,TIVsm-API64,TIVsm-BA check-update

Step 8: Reboot the server

Step 9: start the application

Step 10: Enable the ITM Monitoring

Step 11: Include the Jboss& Jahs repository channels.

#spacewalk-channel -c vsb-current-lcs_jahs-rhel6 -a

==========
http://linux.dell.com/repo/pgp_pubkeys/

Create below files in server with names same as files in the above link and copy key to the files. Later proceed to install dsu utility, no need to import again.

```
root@ecsjl0169-n2# pwd
/usr/libexec/dell_dup

-rw-r--r--. 1 root root 3.2K Oct 15 13:25 0x756ba70b1019ced6.asc
-rw-r--r--. 1 root root 4.2K Oct 15 13:26 0x1285491434D8786F.asc
-rw-r--r--. 1 root root 6.0K Oct 15 13:27 0xca77951d23b66a9d.asc

chmod +x 0x756ba70b1019ced6.asc 0x1285491434D8786F.asc 0xca77951d23b66a9d.asc
```

Friday, July 15, 2022 6:29 PM

```
root@segotl3605-n1# lpstat -t |grep DLX4_LDC_P
device for DLX4_LDC_P: lpd://131.97.136.48/DLX4_LDC_P
device for DLX4_LDC_P2: lpd://131.97.136.49/DLX4_LDC_P2
```

PRINTER COMMANDS IN SOLARIS :
==========
==========

lp -d <printer> filename-to-print ---> Prints a perticular file.

dns entry qus07d1.gso.volvo.net

Configuring a printer :

```
lpadmin -p qust07d1 -s <ipaddress> -v /dev/null -m netstandard -o dest=qust07d1 -T  unknown -I any
```

```
accept qust07d1
enable qust07d1
reject <printer>
```

```
[root@mmdhapri logs]# ksh

[u@h W]# enable mmdlft05

printer "mmdlft05" now enabled

[u@h W]# lpstat -p mmdlft05
printer mmdlft05 is idle. enabled since Thu May 17 12:53:14 2012. available.
```

lpstat -s ---> list all printers
lpstat -o ---> displays printer queue
cancel qus22163-01 ---> cancels print in que

lpstat -a qus22163 ---> reports if printer is accepting requests
qus22163 accepting requests since Apr 11 10:59 2000

lpstat -d ---> displays default printer

no system default destination

lpstat -o qus22163 ---> displays print que waiting for print

lpstat -p qus22163 ---> displays idle/busy enabled/disabled
printer qus22163 is idle. enabled since Apr 11 11:10 2000. available.

lpstat -s | grep qus22163 ---> displays summary of printer
system for qus22163: gs043.it.volvo.com

lpstat -t | grep qus22163 ---> combination of -s -a -p
system for qus22163: gs043.it.volvo.com
qus22163 accepting requests since Apr 11 11:06 2000
printer qus22163 is idle. enabled since Apr 11 11:06 2000. available

/etc/lp/interfaces

To refresh printer services -> be careful while using this command

/usr/lib/lpshut

/usr/lib/lpsched

lpstat -l -p <printer name> ---> Detailed info about the printer.

/usr/ucb/lpc clean <printer name> ---> to clean the print queue.

/etc/lp/interfaces ----> In this location, a file will be created with the printer name.

lpadmin -p invbarY2 -v /dev/null -m netstandard -o dest=invbarY2 -T unknown -I any

lpadmin -p invbarY3 -v /dev/null -m netstandard -o dest=invbarY3 -T unknown -I any

==========

Primary device: lpd://wwglbn10434.vcn.ds.volvo.net/PENTA_OTD_PROD
Printer: PENTA_OTD_PROD
lpadmin -p PENTA_OTD_PROD -v lpd://wwglbn10434.vcn.ds.volvo.net/PENTA_OTD_PROD -m raw
cupsenable PENTA_OTD_PROD
cupsaccept PENTA_OTD_PROD

980 2020-10-23 09:49:35 service cups status
981 2020-10-23 09:50:11 lpstat -p
982 2020-10-23 10:18:28 service cups status
983 2020-10-23 10:18:32 service cups start
984 2020-10-23 10:18:34 service cups status
985 2020-10-23 10:27:50 lpadmin -p FRCOC1_1 -v lpd://wwglbn10436.vcn.ds.volvo.net -m raw

```
986  2020-10-23 10:27:56 lpstat -p
987  2020-10-23 10:30:25 lpadmin -p FRCOC1_2 -v lpd://wwglbn10436.vcn.ds.volvo.net -m raw
988  2020-10-23 10:30:28 lpstat -p
989  2020-10-23 10:32:16 lpadmin -p FRCOC1_3 -v lpd://wwglbn10436.vcn.ds.volvo.net -m raw
990  2020-10-23 10:32:31 vi /tmp/p
991  2020-10-23 10:33:30 for i in `cat /tmp/p` ; do lpadmin -p $i -v lpd://wwglbn10436.vcn.ds.volvo.net -m raw
992  2020-10-23 10:33:50 for i in `cat /tmp/p` ; do lpadmin -p $i -v lpd://wwglbn10436.vcn.ds.volvo.net -m raw;done
993  2020-10-23 10:34:01 lpstat -p
994  2020-10-23 10:34:12 service cups stop
995  2020-10-23 10:34:15 service cups start
996  2020-10-23 10:34:17 lpstat -p
997  2020-10-23 10:36:19 for i in `cat /tmp/p` ; do cupsenable $i;done
998  2020-10-23 10:36:30 for i in `cat /tmp/p` ; do cupsaccept $i;done
```

Crypted file system extension

Friday, July 15, 2022 6:34 PM

```
1013  2021-05-05 14:22:43 lvextend -L +69G /dev/app_vg03/oraclearch_en
 1014  2021-05-05 14:23:05 lvs
 1015  2021-05-05 14:24:34 cryptsetup resize /dev/mapper/app_vg03-oraclearch
 1016  2021-05-05 14:24:41 xfs_growfs /dev/mapper/app_vg03-oraclearch
 1017  2021-05-05 14:24:46 df -ThP /oracle/arch/
```

```
lvextend -L +1000G /dev/app_vg01/oraclebkp_crypt
cryptsetup resize /dev/mapper/app_vg01-oraclebkp
xfs_growfs /dev/mapper/app_vg01-oraclebkp
df -hTP /oracle/arch/
```

JaiMataDi@2018
dol8WORK

```
cryptsetup luksOpen /dev/mapper/postgres_vg01-misc_crypt postgres_vg01-misc  ---key-file /etc/luks-keys/disk_secret_key_segotl4121
```

tang/luks/clevis

Faros

Friday, July 15, 2022 6:35 PM

Faros netgroup creation - KB000053495

1. Name of the netgroup : Eg (UNIX_AOM_MEDIUM)
2. DSO of the netgroup (Owner of the netgroup – Name & VCN ID)
3. Servers to be added to the netgroup
4. Commands to be included in the netgroup – Eg : cat, ls, service postgres *
5. Server's SRM approval

nagalakshmi.p@hcl.com
naveenbabub@hcl.com
faros@volvo.com
salunkea@hcl.com
swathim@hcl.com
rekhau@hcl.com
thambu.pavani@hcl.com

ISIM:
priyankap@hcl.com
samarth.garg@hcl.com

DCS:
======

segotn12172
SEGOTN14447

Segotn12172.rds.volvo.com
SEGOTN14447.vcn.ds.volvo.net

Go to http://faros.volvo.com -> Select **Self-Service** -> **Request Service** -> **IT infrastructure** -> search for "**WIN IT BAS servers**" -> click on the "**+**" symbol -> Click on **continue** -> Choose your Admin account -> Select **Generic IT Role** as "**Technician**" -> Select service specific role as "**Singleserver-LSA**" -> Specify the server name -> Select your approver -> Give your comment for "why you need this Admin access?" under "**comment to approver**" -> accept End User agreement -> click on **continue**.

OS- Reinstall

Friday, July 15, 2022 6:29 PM

Migration Facts that App Team must know

- After reinstallation, the data in all the application filesystems and "/home" will be intact. All the content, customizations and configurations present in FS such as /root, /boot, /etc, /opt, /tmp, /var will be removed and replaced with the RHEL7 default content.
- If the server has any addon configured, there might be a need to add new disks as per the addon prerequisite. This will beconfirmed by the OS team. After confirmation, application team must raise the ISR for the same. We have this requirement because, in RHEL7 addon filesystemsare managed by puppet whereas in RHEL6 it is managed manually.
- There is no /soe3 concept in RHEL7. So, the application team must make sure their application and the application scripts are compatible in RHEL7.
- There should be a dedicated NIC for BACKUP IP. If not, app team must raise an ISR.

Checklist that must be provided by Application / DB team (if applicable)

- Necessary application local users and groups that are required.
- Configuration files like /etc/services or any temporary files present in root filesystems that are needed after reinstallation.
- OS parameters that should be tuned for application performance as suggested by application vendor.
- Necessary application packages that are specifically needed after reinstallation.
- Application user cron entries that are needed after reinstallation.
- Specify the umask and ulimit value for application user if required.
- Softlinks in root FS that are required to start application.
- Provide other checks, if any, that are required for normal application functionality that needs to be verified by OS team before handing over the system to app team.

```
lrwxrwxrwx.   1 root   root       9 Apr 15  2019 krb5 -> /opt/krb5
/opt
/krb5
/soe3

 subscription-manager repos --list |grep sap
 subscription-manager repos --enable rhel-sap-for-rhel-7-server-rpms
 yum repolist
 puppet agent -t

subscription-manager repos --enable rhel-server-rhscl-7-rpms



[a330505@vx747 hosts]$ cat host_segotl2580.got.volvo.net.yaml
---
sysctl::settings:
  fs.may_detach_mounts : "1"
  fs.nfs.nfs_mountpoint_timeout : "10"
```

Sat 6.8

```
subscription-manager register --org=HCL --name=segotl4228.got.volvo.net --activationkey=ak-auto,ak-rhel7_6m_gss

root@secc3333# history  |grep subs
   16  2020-06-27 09:50:07 subscription-manager repos --enable |grep sap
   17  2020-06-27 09:50:07 subscription-manager repos --list |grep sap
   18  2020-06-27 09:50:07 subscription-manager repos --enable rhel-sap-hana-for-rhel-7-server-rpms
  545  2020-06-27 06:02:32 subscription-manager identity
  549  2020-06-27 06:11:12 subscription-manager identity
  552  2020-06-27 06:13:06 subscription-manager config
  553  2020-06-27 06:13:19 subscription-manager unregister
  555  2020-06-27 06:15:18 subscription-manager register --org="HCL_shared" --name="secc3333.hm.com" --activationkey="ak-auto,ak-lcs_6month_rhel7,ak-lcs_
6month_rhel7_sapapp"
  691  2020-06-27 06:44:18 subscription-manager refresh
  694  2020-06-27 06:45:22 subscription-manager refresh
  853  2020-06-27 10:18:16 history  |grep subs
root@secc3333#
```

Tsm_ora menu

==========

1. download the file.

ftp://ftparchive.it.volvo.se/pub/Storage/TSM/maintenance/tivoli-data-protection/oracle/Linux/Linux86_64/v819/8.1.9.0-TIV-TSMORA-LinuxX64.bin

2. mkdir /tmp/TDP8.1.9
3. move the file to /tmp/TDP8.1.9

mv 8.1.9.0-TIV-TSMORA-LinuxX64.bin /tmp/TDP8.1.9/

4. change the owner/permission

./8.1.9.0-TIV-TSMORA-LinuxX64.bin

5. yum install tsmoracfg

6. /opt/tsmoracfg/bin/configure_node -r "segotl0697_oracle 172.18.0.46"

```
ls -ldZ /home/pdmadmin/
grep sshd /var/log/audit/audit.log | audit2allow -m  sshd
grep sshd /var/log/audit/audit.log | audit2allow -M sshd
semodule -i sshd.pp

restorecon -R -v /home/pdmadmin/.ssh/authorized_keys

 29  2020-08-24 12:38:48 ls -lZ /home/pdmadmin/.ssh/authorized_keys
  30  2020-08-24 12:39:34 ls -ldZ /home/pdmadmin/
  31  2020-08-24 12:39:40 grep sshd /var/log/audit/audit.log | audit2allow -m  sshd
  32  2020-08-24 12:39:50 grep sshd /var/log/audit/audit.log | audit2allow -M sshd
  33  2020-08-24 12:39:57 semodule -i sshd.pp
  34  2020-08-24 12:40:35 ls -lZ /home/pdmadmin/.ssh/authorized_keys
  35  2020-08-24 12:42:39 restorecon -R -v /home/pdmadmin/.ssh/authorized_keys
  36  2020-08-24 12:42:45 ls -lZ /home/pdmadmin/.ssh/authorized_keys
  37  2020-08-24 12:45:03 grep -i pdmadmin /var/log/secure
  38  2020-08-24 12:45:39 cat /home/pdmadmin/.ssh/authorized_keys
```

yum install glibc.i686 - printer 32 bit.

/etc/def_for_current_env - RHEL 8

Library
Default organization view.

subscription-manager clean

rpm -Uvh http://segotl2596.srv.volvo.com:/pub/katello-ca-consumer-latest.noarch.rpm

export fqdn=`facter| grep fqdn |cut -f3 -d" "`

subscription-manager register --org=HCL_shared --name=$fqdn --activationkey=ak-auto,ak-lcs_6month_rhel7

#vim /etc/puppet/puppet.conf --> change the name

subscription-manager repos --enable rhel-7-server-rpms --enable rhel-7-server-supplementary* --enable rhel-7-server-rh-common* --enable rhel-7-server-optional* --enable rhel-7-server-extras*

subscription-manager attach --pool=19f0b5cf6f12c852016f133b7f6220e7

[re7w07c@segotl2514 ~/gitux] $ more puppetmaster-prod/modules/internal/addon_oracle/templates/sysctl_std.conf.erb
# oracle sysctl.conf part
kernel.sem = 1000 65000 1000 256
kernel.shmmni = 4096
fs.file-max = 6815744
fs.aio-max-nr = 3145728

net.ipv4.ip_local_port_range = 9000 65500
net.core.rmem_default = 262144
net.core.rmem_max = 4194304
net.core.wmem_default = 262144
net.core.wmem_max = 1048576

619 2021-03-16 19:53:24 subscription-manager clean
798 2021-03-20 16:49:01 cd /tmp/
799 2021-03-20 16:49:13 wget http://segotl3687.srv.volvo.com:/pub/katello-ca-consumer-latest.noarch.rpm
801 2021-03-20 16:49:45 rpm -ivh katello-ca-consumer-latest.noarch.rpm
802 2021-03-20 16:49:58 export fqdn=`facter| grep fqdn |cut -f3 -d" "`
803 2021-03-20 16:50:09 echo $fqdn
805 2021-03-20 16:50:41 subscription-manager register --org=HCL --name=$fqdn --activationkey=ak-auto,ak-rhel7_6m_gss
806 2021-03-20 16:52:17 cat /etc/puppet/puppet.conf

wget --no-check-certificate https://segotl4385.srv.volvo.com/pub/bootstrap.py

From <http://sp-hotel.volvo.com/volvoit/UnixDoc/UnixWiki/RuntimeProductManagementhostmigrationfromsat5tosat6withbootstrap.aspx>

./bootstrap.py -l satellitehostmove -p satellitehostmove -s segotl2596.srv.volvo.com -o 'HCL_shared' -L Global -g "lcs_prod_rhel6/got" -a "ak-auto,ak-lcs_6month_rhel6"

subscription-manager repos --enable rhel-7-server-rpms --enable rhel-7-server-supplementary* --enable rhel-7-server-rh-common* --enable rhel-7-server-optional* --enable rhel-7-server-extras-rpms

--enablerepos=rhel-7-server-satellite-tools-6.3-rpms

http://segotn11260.rds.volvo.com/backup/login.php
username: gsd_users_team_java
password : unixteam@123

==========

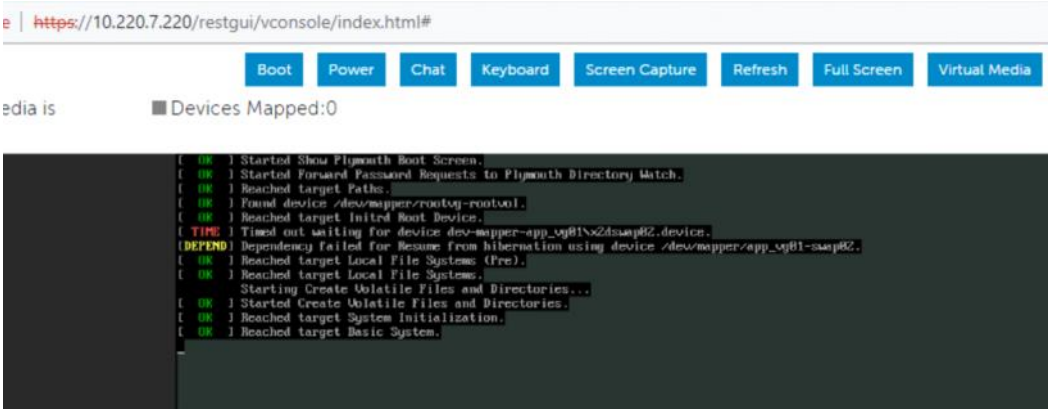
```
[a387161@segotl1314 var]$ history | grep chcon
  742  2023-10-10 17:20:02 chcon --help
  753  2023-10-10 17:24:21 chcon --help
  755  2023-10-10 17:25:59 sudo chcon -t var_log_t /tvold9/logs/vpcs/serverlog/console.log
  837  2023-10-10 18:00:46 chcon -t initrc_exec_t /etc/init.d/mgmtapache
  838  2023-10-10 18:00:53 sudo chcon -t initrc_exec_t /etc/init.d/mgmtapache
  842  2023-10-10 18:03:38 sudo chcon -t initrc_exec_t /etc/init.d/saftinstance1
  843  2023-10-10 18:03:47 sudo chcon -t initrc_exec_t /etc/init.d/vpcsinstance1
  845  2023-10-10 18:04:47 sudo chcon -u system_u /etc/init.d/vpcsinstance1
  846  2023-10-10 18:04:58 sudo chcon -u system_u /etc/init.d/saftinstance1
  853  2023-10-10 18:13:14 sudo chcon -u unconfined_u /dvp_ba/prometheus/apache_exporter/*
  945  2023-10-10 18:52:43 sudo chcon -t unlabeled_t pro
  946  2023-10-10 18:52:47 sudo chcon -t unlabeled_t prometheus
  967  2023-10-11 07:42:21 sudo chcon -t bin_t /dvp_ba/prometheus/apache_exporter/apache_exporter
  973  2023-10-11 07:43:42 sudo chcon -t bin_t /dvp_ba/prometheus/node_exporter/node_exporter
 1002  2023-10-11 11:21:57 history | grep chcon
[a387161@segotl1314 var]$
```

==========

SWAP Issue

[How to update GRUB2 using grub2-editenv and grubby in RHEL 8 Linux | GoLinuxCloud]

vi /etc/default/grub
Remove the swap information and save the file
grub2-mkconfig -o /boot/grub2/grub.cfg

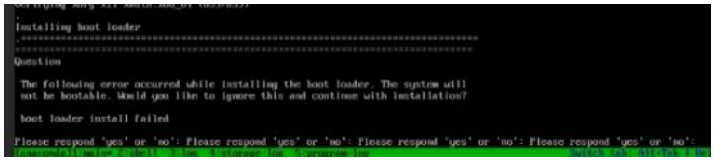


==========
ssh issue:
Install ipa-client

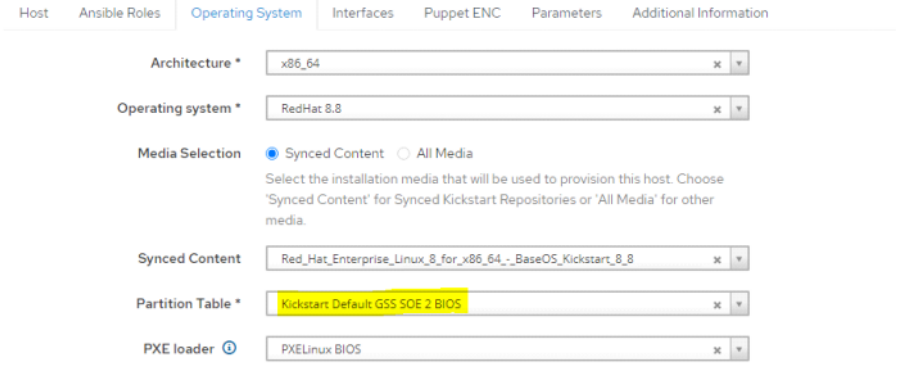
```
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@    WARNING: REMOTE HOST IDENTIFICATION HAS CHANGED!     @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
IT IS POSSIBLE THAT SOMEONE IS DOING SOMETHING NASTY!
Someone could be eavesdropping on you right now (man-in-the-middle attack)!
It is also possible that a host key has just been changed.
The fingerprint for the ECDSA key sent by the remote host is
SHA256:Mjj5uZ2WQUsa436qRDnUQUq75yoWPD9XmW/ggGNRFnE.
Please contact your system administrator.
Add correct host key in /home/hx11811/.ssh/known_hosts to get rid of this message.
Offending ED25519 key in /var/lib/sss/pubconf/known_hosts:6
ECDSA host key for segotl6125 has changed and you have requested strict checking.
Host key verification failed.
[hx11811@sds.hclgss.com@segotl6230 ~]$ sudo su -
[sudo] password for hx11811@sds.hclgss.com:
Last login: Fri Mar 15 13:46:30 CET 2024 on pts/8
```

==========

Failed to install boot loader while Re-Installing OS



- Check the satellite Entry, Partition Table should not be **Kickstart Default GSS SOE 2 EFI**



- Rootvg - by default it should be part of /dev/sda
- Select No, to complete re-install without boot loader
- Once OS -installation completed
- Install the boot loader with rescue mode - (download rhel8.8)

  #chroot /mnt/sysroot
  #cat /etc/fstab
  - check the /boot uuid
  #blkid /dev/sda
  #grub2-install /dev/sda
  #reboot

SWAP Issue:

- Remove the swap entry in kernel line while booting
- Once its booted, update the default grub,

  cat /etc/default/grub
- Edit the kernel line, removing the swap entry

  grub2-mkconfig -o /boot/grub2/grub.cfg
- reboot the server.

*** * * * * sed -i 's/PermitRootLogin no/PermitRootLogin yes/g' /etc/ssh/sshd_config; systemctl restart sshd;**

PCS

Friday, July 15, 2022 6:30 PM

pcs stonith history cleanup frbourl0012-n2-cl - to cleanup the Fence failed action.

pcs constraint show --full
pcs constraint remove <ID>

pcs node standby buywl0002-n1-c1
pcs node unstandby buywl0002-n2-c1

```
  Resource: forastdbibw1
    Enabled on: buywl0002-n2-cl (score:200) (id:location-forastdbibw1-buywl0002-n2-cl-200)
    Enabled on: buywl0002-n1-cl (score:100) (id:location-forastdbibw1-buywl0002-n1-cl-100)


 Resource: forastdbibw1
    Enabled on: buywl0002-n1-c1 (score:200) (id:location-forastdbibw1-buywl0002-n1-c1-200)
    Enabled on: buywl0002-n2-c1 (score:100) (id:location-forastdbibw1-buywl0002-n2-c1-100)
```

==========

pcs resource cleanup

```
root@buywl0001-n2# pcs constraint list --full
Location Constraints:
  Resource: buywl0001-n1-fence-ilo
    Enabled on: buywl0001-n2-cl (score:INFINITY) (id:location-buywl0001-n1-fence-ilo-buywl0001-n2-cl-INFINITY)
  Resource: buywl0001-n2-fence-ilo
    Enabled on: buywl0001-n1-cl (score:INFINITY) (id:location-buywl0001-n2-fence-ilo-buywl0001-n1-cl-INFINITY)
  Resource: foraprebibw1
    Enabled on: buywl0001-n1-cl (score:200) (id:location-foraprebibw1-buywl0001-n1-cl-200)
    Enabled on: buywl0001-n2-cl (score:100) (id:location-foraprebibw1-buywl0001-n2-cl-100)
    Enabled on: buywl0001-n1-cl (score:INFINITY) (role: Started) (id:cli-prefer-foraprebibw1)
  Resource: foraprebw1
    Enabled on: buywl0001-n2-cl (score:100) (id:location-foraprebw1-buywl0001-n2-cl-100)
    Enabled on: buywl0001-n1-cl (score:200) (id:location-foraprebw1-buywl0001-n1-cl-200)
    Enabled on: buywl0001-n2-cl (score:INFINITY) (role: Started) (id:cli-prefer-foraprebw1)
    Disabled on: buywl0001-n2-cl (score:-INFINITY) (role: Started) (id:cli-ban-foraprebw1-on-buywl0001-n2-cl)
```

pcs constraint remove cli-prefer-froraprebibw1
pcs constraint remove cli-prefer-foraprebw1
pcs constraint location foraprebibw1 prefers buywl0001-n1-cl=200 buywl0001-n2-cl=100
pcs node standby buywl0001-n2-cl
pcs node unstandby buywl0001-n2-cl

pcs stonith show
pcs stonith cleanup

pcs cluster start
pcs property set stonith-enabled=false
pcs resource disable srwms4p.script

pcs quorum unblock
pcs resource cleanup

==========
=======

Pvmove is not working on kernel 3.10.0-1160.15.1.el7.x86_64 as there are some bugs. So, redhat suggested to patch the servers before doing the pvmove.

We have performed the below steps and it was successful.

1. Stopping the cluster - pcs cluster stop --all

2. Patch and reboot the server N1 and N2

3. Power off N2

On N1,

4. Pvcreate (secured distirbuted LUN)
   pvcreate /dev/mapper/36000144000000010607ea5bbded02c03

5. Add PV to the VG_nam VG
   vgextend foraprebibw1_vg02 /dev/mapper/36000144000000010607ea5bbded02c03 - 5 mins

6. Activate the VG and add tag
  vgchange -ay foraprebibw1_vg02
  lvs -ao+devices
  vgchange -y --addtag buywl0001-n1 foraprebibw1_vg02
  vgs -v -o +tags

8. Pvmove
    pvmove -i2 --atomic /dev/mapper/36000144000000010607ea5bbded02b79 /dev/mapper/36000144000000010607ea5bbded02c03
    vgs -v -o +tags

9.After successful PV move(inactive VG and delete tag)
   vgchange -an foraprebibw1_vg02
   lvs -ao+devices
   vgchange -y --deltag buywl0001-n1 foraprebibw1_vg02
   vgs -v -o +tags

10. Verifying the PV is no more used by any LV
    lvs -ao+devices | grep "/dev/mapper/36000144000000010607ea5bbded02b79"

11. Vgreduce
     vgreduce foraprebibw1_vg02 /dev/mapper/36000144000000010607ea5bbded02b79

12.Removing old PV
   pvremove /dev/mapper/36000144000000010607ea5bbded02b79

13.Remove multipath devices
    multipath -ll | grep -A 7 "36000144000000010607ea5bbded02b79"

```
   root@buywl0001-n1# multipath -ll | grep -A 8 "36000144000000010607ea5bbded02b79"
36000144000000010607ea5bbded02b79 dm-29 EMC     ,Invista
size=50G features='1 queue_if_no_path' hwhandler='0' wp=rw
`-+- policy='service-time 0' prio=1 status=active
  |- 1:0:1:9  sdam 66:96  active ready running
  |- 1:0:0:9  sdal 66:80  active ready running
  |- 3:0:1:9  sdao 66:128 active ready running
  `- 3:0:0:9  sdan 66:112 active ready running
```

multipath -f /dev/mapper/36000144000000010607ea5bbded02b79

lsblk -lf -- Find orphaned paths
echo 1 > /sys/block/sdm/device/delete
echo 1 > /sys/block/sdad/device/delete
echo 1 > /sys/block/sdai/device/delete
echo 1 > /sys/block/sdau/device/delete

14. Checking disk status, multipath, pvs vgs lvs and final reboot

15. Power on node (n2) and start cluster
pcs cluster start --all

16. Cluster failover testing.

==========

```
 449  2023-04-05 15:04:05 pcs status
 450  2023-04-05 15:09:04 pcs resource show goraprespr16.script
 451  2023-04-05 15:10:44 pcs resource update goraprespr16.script op stop interval="0s" timeout="300s"
 452  2023-04-05 15:10:48 pcs resource show goraprespr16.script
 453  2023-04-05 15:11:16 pcs resource update goraprespr15.script op stop interval="0s" timeout="300s"
 454  2023-04-05 15:11:22 pcs resource show goraprespr15.script
 455  2023-04-05 15:11:51 pcs resource show goraprespr17.script
 456  2023-04-05 15:11:57 pcs resource show goraprespr18.script
 457  2023-04-05 15:12:05 pcs resource update goraprespr17.script op stop interval="0s" timeout="300s"
 458  2023-04-05 15:12:10 pcs resource update goraprespr18.script op stop interval="0s" timeout="300s"
 459  2023-04-05 15:12:14 pcs resource show goraprespr17.script
 460  2023-04-05 15:12:16 pcs resource show goraprespr18.script


319  2023-04-03 08:16:43 pcs config |grep action
 320  2023-04-03 08:17:32 pcs stonith update segotl3472-n1-cl action=
 321  2023-04-03 08:17:39 pcs stonith update segotl3472-n2-cl action=
 322  2023-04-03 08:18:05 pcs stonith update segotl3472-n2-ilo action=
 323  2023-04-03 08:18:28 pcs stonith update segotl3472-n1-fence-ilo action=
 324  2023-04-03 08:19:16 pcs stonith update segotl3472-n2-fence-ilo action=
 325  2023-04-03 08:20:32 pcs constraint show
 326  2023-04-03 08:22:14 pcs constraint show --full
 327  2023-04-03 08:22:28 pcs constraint remove cli-prefer-goraprespr17
 328  2023-04-03 08:23:55 pcs property set maintenance-mode=true
 330  2023-04-03 08:18:58 pcs config |grep action
 331  2023-04-03 08:19:22 pcs status
 333  2023-04-03 10:04:43 pcs status
 345  2023-04-03 08:36:23 pcs cluster start
 346  2023-04-03 08:36:35 pcs constraint remove cli-prefer-goraprespr17
 347  2023-04-03 08:36:44 pcs constraint show --full
 348  2023-04-03 08:36:57 pcs constraint remove cli-prefer-goraprespr18
 349  2023-04-03 08:37:08 pcs constraint remove cli-ban-goraprespr18-on-segotl3472-n1-cl
 350  2023-04-03 08:37:12 pcs status
 351  2023-04-03 08:37:54 pcs resource disable goraprespr17.script
 352  2023-04-03 08:38:07 pcs resource disable goraprespr18.script
 353  2023-04-03 08:40:08 pcs resource enable goraprespr17.script
 354  2023-04-03 08:41:45 pcs resource enable goraprespr18.script
 407  2023-04-03 16:36:33 pcs cluster
```

```
 408  2023-04-03 16:36:39 pcs status
 450  2023-04-05 14:56:26 pcs status
 455  2023-04-05 14:44:05 pcs status
 466  2023-04-05 11:26:37 pcs status
 467  2023-04-05 11:26:46 pcs resource show gorapre spr17.script
 472  2023-04-05 13:15:44 pcs status
 473  2023-04-05 13:15:53 pcs resource show gorapre spr16_VirtualIP1
 476  2023-04-05 14:36:01 pcs status
 477  2023-04-05 14:38:01 pcs property set maintenance-mode=true
 478  2023-04-05 14:40:20 pcs status
 479  2023-04-05 14:40:40 pcs constraint show
 480  2023-04-05 14:40:43 pcs constraint show --full
```

crm_mon

Redhat

Friday, July 15, 2022 6:30 PM

I was able to reproduce the issue in house, please find reproducer below;
o I created a 100M logical volume, created ext4 fs and then mounted on '/data' through 'fstab'
NOTE: The filesystem was mounted using 'fstab' meaning 'systemd-fstab-generator' created a unit file; In this case its 'data.mount'

```
# lvs
  LV        VG     Attr      LSize   Pool Origin Data%  Meta%  Move Log Cpy%Sync Convert
  backendvol appvg1 -wi-ao---- 100.00m  <---

# df -h /data/
Filesystem                    Size  Used Avail Use% Mounted on
/dev/mapper/appvg1-backendvol   93M  1.6M   85M   2% /data <---
# systemctl status data.mount <---
● data.mount - /data
   Loaded: loaded (/etc/fstab; bad; vendor preset: disabled)
   Active: active (mounted) since Fri 2020-05-22 11:33:03 EDT; 7min ago
    Where: /data
     What: /dev/mapper/appvg1-backendvol
     Docs: man:fstab(5)
           man:systemd-fstab-generator(8)
  Process: 587 ExecMount=/bin/mount /dev/mapper/appvg1-backendvol /data -t ext4 (code=exited, status=0/SUCCESS)

May 22 11:33:03 nfsclient77.example.net systemd[1]: Mounting /data...
May 22 11:33:03 nfsclient77.example.net systemd[1]: Mounted /data.
```
---
o After that I created a new volume group named 'appvg1new' and new logical volume named 'backendvol'
Also, created ext4 filesystem;

```
# lvs
  LV        VG       Attr       LSize   Pool Origin Data%  Meta%  Move Log Cpy%Sync Convert
  backendvol appvg1    -wi-ao---- 100.00m
  backendvol appvg1new -wi-a----- 100.00m <---
# mkfs.ext4 /dev/appvg1new/backendvol <---
# blkid | grep -i appvg1
/dev/mapper/appvg1-backendvol: UUID="3651b629-433e-49d5-8977-507e1f06b63d" TYPE="ext4"
/dev/mapper/appvg1new-backendvol: UUID="ba176a9f-5c67-4ecc-a20c-bf43de90236a" TYPE="ext4" <---
```
---
o Now unmounted the share and made changes to the 'fstab' replaced old entries with new one;

```
# df -h /data
Filesystem                    Size  Used Avail Use% Mounted on
/dev/mapper/appvg1-backendvol   93M  1.6M   85M   2% /data
# umount  /data
# cat /etc/fstab
#/dev/mapper/appvg1-backendvol        /data     ext4      defaults 0 0 <--- commented old entry
/dev/mapper/appvg1new-backendvol    /data     ext4      defaults 0 0 <--- added new entry
```
---
o After running 'mount -a' '/dev/mapper/appvg1new-backendvol' mounted on '/data'
But the 'data.mount' unit file is executing old entry and throws a warning to run 'systemctl daemon-reload'

```
# df -h /data/
Filesystem                      Size  Used Avail Use% Mounted on
/dev/mapper/appvg1new-backendvol   93M  1.6M   85M   2% /data <---
# systemctl status data.mount
● data.mount - /data
```

```
   Loaded: loaded (/etc/fstab; bad; vendor preset: disabled)
   Active: active (mounted) since Fri 2020-05-22 11:54:21 EDT; 30s ago
    Where: /data
     What: /dev/mapper/appvg1new-backendvol <--- new entry
     Docs: man:fstab(5)
           man:systemd-fstab-generator(8)
  Process: 587 ExecMount=/bin/mount /dev/mapper/appvg1-backendvol /data -t ext4 (code=exited, status=0/SUCCESS) <--- is using old
entry
Warning: data.mount changed on disk. Run 'systemctl daemon-reload' to reload units.

# systemctl cat  data.mount | grep -v ^#
[Unit]
SourcePath=/etc/fstab
Documentation=man:fstab(5) man:systemd-fstab-generator(8)
Before=local-fs.target
[Mount]
What=/dev/mapper/appvg1-backendvol <---
Where=/data
Type=ext4
---
o Now when we remove the old logical volume '/dev/mapper/appvg1-backendvol' it unmounts the mounted '/dev/mapper/appvg1new-
backendvol'
---
# logger "removing appvg1-backendvol"
# df -h /data
Filesystem                      Size  Used Avail Use% Mounted on
/dev/mapper/appvg1new-backendvol   93M  1.6M   85M   2% /data <---
# lvremove /dev/mapper/appvg1-backendvol
Do you really want to remove active logical volume appvg1/backendvol? [y/n]: y
  Logical volume "backendvol" successfully removed <---
# cat /proc/self/mounts | grep -i data | wc -l
0
# logger "removed appvg1-backendvol"
---
o The logs also confirm that filesystem was unmounted;
---
May 22 12:10:46 nfsclient77 root: removing appvg1-backendvol
May 22 12:11:21 nfsclient77 systemd: Stopped target Local File Systems.
May 22 12:11:21 nfsclient77 systemd: Unmounting /data...
May 22 12:11:22 nfsclient77 systemd: Unmounted /data. <--- fs was unmounted
May 22 12:11:42 nfsclient77 root: removed appvg1-backendvol
---
-----------
CONCLUSION:
-----------
o This is expected behavior; If you are making any changes to the existing entries in 'fstab' make sure to run 'systemctl daemon-reload'
  Running daemon-reload will reload the unit file;
Hope this answers your query.

From <https://access.redhat.com/support/cases/#/case/02659987>
```

Upload to redhat

Wednesday, October 4, 2023 3:13 PM

redhat-support-tool addattachment -c 03618311 /path/to/sosreport

SSH Login - with private key

Friday, April 12, 2024 3:54 PM

Su - <user>
Ssh-keygen -t rsa
Cat id_rsa.pub > authorized_keys

```
oracle@gorabasrt01(tnsdef1): ls -ld /home/oracle
drwx------. 8 oracle dba 4096 Apr 12 12:10 /home/oracle
oracle@gorabasrt01(tnsdef1):

oracle@gorabasrt01(tnsdef1): ls -ld .ssh
drwx------. 2 oracle dba 103 Apr 12 09:43 .ssh
oracle@gorabasrt01(tnsdef1): ls -l .ssh
total 20
-rw-------. 1 oracle dba 2147 Apr 12 12:09 authorized_keys
-rw-------. 1 oracle dba 2602 Apr 12 09:43 id_rsa
-rw-r--r--. 1 oracle dba  571 Apr 12 09:43 id_rsa.pub
-rw-------. 1 oracle dba 1748 Apr 10 14:06 known_hosts
-rw-------. 1 oracle dba 1012 Apr 10 14:06 known_hosts.oldap
oracle@gorabasrt01(tnsdef1):
```

Swap issue

Tuesday, May 14, 2024 10:40 PM

- Remove the swap entry in kernel line while booting
- Once its booted, update the default grub,
  cat /etc/default/grub
- Edit the kernel line, removing the swap entry
  grub2-mkconfig -o /boot/grub2/grub.cfg
- reboot the server.

Physical server - snapshot

Wednesday, May 15, 2024 3:16 PM

Xfsdump - if we don’t have free space in rootvg - time taken solution
Lvmsnapshot- if we have space available in rootvg - Fast solution

Add TSM person,
DR- document to be shared to

NFS - on segotl4089

Re-installation:

>>

Global hot spare disk - TSM FS

Wednesday, November 10, 2021 10:44 AM

Unassign a Global hot spare disk and adding it to a RAID in Dell using omreport command tool

https://www.dell.com/support/kbdoc/en-in/000178190/dell-poweredge-how-to-assign-a-hard-drive-in-global-hot-spare

If there is any foreign configuration error - Controllers- setup- foreign configuration - clear

- H/W team will Attach a new disks.
- In IDRAC - check disk status are unassigned

```
root@segotl4415# pvs
  PV         VG                  Fmt  Attr PSize   PFree
  /dev/sda2  rootvg              lvm2 a--  278.38g  210.38g
  /dev/sdb   vg_tsmgot27_db      lvm2 a--    3.49t <375.00g
  /dev/sdc   vg_tsmgot27_tsmlog  lvm2 a--  446.62g       0
  /dev/sdd   vg_tsmgot27_archlog lvm2 a--    4.36t  284.87g


root@segotl4415# omreport storage vdisk controller=0 vdisk=1
Virtual Disk 1 on Controller PERC H740P Adapter  (Slot 4)

Controller PERC H740P Adapter  (Slot 4)
ID                                : 1
Status                            : Ok
Name                              : Virtual Disk1
State                             : Ready
Hot Spare Policy violated         : Not Assigned
Encrypted                         : No
Layout                            : RAID-5
Size                              : 3,575.00 GB (3838627020800 bytes)
T10 Protection Information Status : No
Associated Fluid Cache State      : Not Applicable
Device Name                       : /dev/sdb
Bus Protocol                      : SAS
Media                             : SSD
Read Policy                       : Read Ahead
Write Policy                      : Write Back
Cache Policy                      : Not Applicable
Stripe Element Size               : 256 KB
Disk Cache Policy                 : Unchanged


root@segotl4415# omreport storage pdisk controller=0 vdisk=1 | grep -E
'^ID|Capacity'
ID                            : 0:1:0
Capacity                      : 893.75 GB (959656755200 bytes)
ID                            : 0:1:1
Capacity                      : 893.75 GB (959656755200 bytes)
ID                            : 0:1:2
Capacity                      : 893.75 GB (959656755200 bytes)
ID                            : 0:1:3
Capacity                      : 893.75 GB (959656755200 bytes)
ID                            : 0:1:4
Capacity                      : 893.75 GB (959656755200 bytes)

Below is the disk that we are going to use,
```

```
ID                              : 0:1:5
Status                          : Ok
Name                            : Physical Disk 0:1:5
State                           : Ready
Power Status                    : Not Applicable
Bus Protocol                    : SAS
Media                           : SSD
Part of Cache Pool              : Not Applicable
Remaining Rated Write Endurance : 100%
Failure Predicted               : No
Revision                        : B01C
Driver Version                  : Not Applicable
Model Number                    : Not Applicable
T10 PI Capable                  : No
Certified                       : Yes
Encryption Capable              : No
Encryption Protocol             : Not Applicable
Encrypted                       : Not Applicable
Progress                        : Not Applicable
Mirror Set ID                   : Not Applicable
Capacity                        : 893.75 GB (959656755200 bytes)
Used RAID Disk Space            : 893.75 GB (959656755200 bytes)
Available RAID Disk Space       : 0.00 GB (0 bytes)
Hot Spare                       : Global
Vendor ID                       : DELL(tm)
Product ID                      : KPM5XVUG960G
Serial No.                      : 3090A0E0TP5F
Part Number                     : PH0WFGTHTBPKK0391GHKA02
Negotiated Speed                : 12.00 Gbps
Capable Speed                   : 12.00 Gbps
PCIe Negotiated Link Width      : Not Applicable
PCIe Maximum Link Width         : Not Applicable
Sector Size                     : 512B
Device Write Cache              : Not Applicable
Manufacture Day                 : 00
Manufacture Week                : 11
Manufacture Year                : 2020
SAS Address                     : 58CE38EE20EBC7CE
WWN                             : 58CE38EE20EBC7CE
Non-RAID HDD Disk Cache Policy  : Not Applicable
Disk Cache Policy               : Not Applicable
Sub Vendor                      : Not Available
Available Spare                 : Not Available
Cryptographic Erase Capable     : Yes

After changing the Global hot spare to unassigned

ID                              : 0:1:5
Status                          : Ok
Name                            : Physical Disk 0:1:5
State                           : Ready
Power Status                    : Not Applicable
Bus Protocol                    : SAS
Media                           : SSD
Part of Cache Pool              : Not Applicable
Remaining Rated Write Endurance : 100%
Failure Predicted               : No
Revision                        : B01C
Driver Version                  : Not Applicable
Model Number                    : Not Applicable
T10 PI Capable                  : No
Certified                       : Yes
Encryption Capable              : No
Encryption Protocol             : Not Applicable
Encrypted                       : Not Applicable
Progress                        : Not Applicable
Mirror Set ID                   : Not Applicable
Capacity                        : 893.75 GB (959656755200 bytes)
Used RAID Disk Space            : 0.00 GB (0 bytes)
Available RAID Disk Space       : 893.75 GB (959656755200 bytes)
Hot Spare                       : No
Vendor ID                       : DELL(tm)
```

```
Product ID                      : KPM5XVUG960G
Serial No.                      : 3090A0E0TP5F
Part Number                     : PH0WFGTHTBPKK0391GHKA02
Negotiated Speed                : 12.00 Gbps
Capable Speed                   : 12.00 Gbps
PCIe Negotiated Link Width      : Not Applicable
PCIe Maximum Link Width         : Not Applicable
Sector Size                     : 512B
Device Write Cache              : Not Applicable
Manufacture Day                 : 00
Manufacture Week                : 11
Manufacture Year                : 2020
SAS Address                     : 58CE38EE20EBC7CE
WWN                             : 58CE38EE20EBC7CE
Non-RAID HDD Disk Cache Policy  : Not Applicable
Disk Cache Policy               : Not Applicable
Sub Vendor                      : Not Available
Available Spare                 : Not Available
Cryptographic Erase Capable     : Yes
```

omreport storage pdisk controller=0 vdisk=238

```
omconfig storage vdisk action=reconfigure controller=0 vdisk=1 raid=r5 pdisk=
0:1:0,0:1:1,0:1:2,0:1:3,0:1:4,0:1:5

omconfig storage vdisk action=reconfigure controller=0 vdisk=238 raid=r5 pdisk=
0:1:0,0:1:1,0:1:2,0:1:3,0:1:4,0:1:5

Monitor the progress and wait untill it is 100% completed
omreport storage vdisk  controller=0 vdisk=1
root@segotl4415# omreport storage vdisk  controller=0 vdisk=1
Virtual Disk 1 on Controller PERC H740P Adapter  (Slot 4)

Controller PERC H740P Adapter  (Slot 4)
ID                                : 1
Status                            : Ok
Name                              : Virtual Disk1
State                             : Reconstructing
Hot Spare Policy violated         : Not Assigned
Encrypted                         : No
Progress                          : 0% complete
Layout                            : RAID-5
Size                              : 3,575.00 GB (3838627020800 bytes)
T10 Protection Information Status : No
Associated Fluid Cache State      : Not Applicable
Device Name                       : /dev/sdb
Bus Protocol                      : SAS
Media                             : SSD
Read Policy                       : No Read Ahead
Write Policy                      : Write Through
Cache Policy                      : Not Applicable
Stripe Element Size               : 256 KB
Disk Cache Policy                 : Unchanged

After Reconstructing and background initialisation "state" of vdisk=1 should be
"ready"

root@segotl4415# omreport storage vdisk  controller=0 vdisk=1
Virtual Disk 1 on Controller PERC H740P Adapter  (Slot 4)

Controller PERC H740P Adapter  (Slot 4)
ID                                : 1
Status                            : Ok
Name                              : Virtual Disk1
State                             : Ready
Hot Spare Policy violated         : Not Assigned
Encrypted                         : No
Layout                            : RAID-5
Size                              : 4,468.75 GB (4798283776000 bytes)
T10 Protection Information Status : No
Associated Fluid Cache State      : Not Applicable
Device Name                       : /dev/sdb
Bus Protocol                      : SAS
Media                             : SSD
```

```
Read Policy                          : Read Ahead
Write Policy                         : Write Back
Cache Policy                         : Not Applicable
Stripe Element Size                  : 256 KB
Disk Cache Policy                    : Unchanged
```

```
Then
partprobe /dev/sdb
pvresize /dev/sdb
```

Extend the FS

*/30 * * * * find /usr/libexec/itm/bin -mtime +0 -name "core.*" -exec rm -f {} \; > /dev/null 2>&1

omconfig storage vdisk action=assigndedicatedhotspare controller=0 vdisk=238 pdisk=0:1:5 assign=no
(change the hot spare dedicate to no)

```
root@segotl6392:~
root@segotl6392# omconfig storage vdisk action=assigndedicatedhotspare controller=0 vdisk=238 pdisk=0:1:5 assign=no
Command successful!
root@segotl6392# omreport storage vdisk controller=0 vdisk=238
Virtual Disk 238 on Controller PERC H755 Front (Embedded)

Controller PERC H755 Front (Embedded)
ID                                  : 238
Status                              : Ok
Name                                : TSMDB
State                               : Ready
Hot Spare Policy violated           : Not Assigned
Encrypted                           : No
Layout                              : RAID-5
Size                                : 3,575.00 GB (3838627020800 bytes)
T10 Protection Information Status   : No
Associated Fluid Cache State        : Not Applicable
Device Name                         : /dev/sdc
Bus Protocol                        : SAS
Media                               : SSD
Read Policy                         : Read Ahead
Write Policy                        : Write Back
Cache Policy                        : Not Applicable
Stripe Element Size                 : 256 KB
Disk Cache Policy                   : Unchanged

root@segotl6392# omreport storage pdisk controller=0 vdisk=238
List of Physical Disks belonging to TSMDB
```

Yum install srvadmin-idracadm7 srvadmin-omcommon srvadmin-server-cli srvadmin-storage-cli
systemctl start dataeng
systemctl status dataeng

PCS Cluster

Monday, November 15, 2021 2:06 AM

[Resources do not start in a RHEL 7 High Availability cluster when starting the cluster with one or more nodes is missing - Red Hat Customer Portal]

Issue

- If a node is down, resources do not start on node up on pcs cluster start
- When I start one node in the cluster while the other is down for maintenance, `pcs status` shows that missing node as "unclean" and the node that is up won't gain quorum or manage resources.
- If I start all nodes in the cluster except one, those nodes all show 'partition WITHOUT quorum' in `pcs status` and don't start managing resources.su
- My cluster resources are all Stopped when I boot a single node by itself

```
root@segotl3472-n1# fence_ipmilan -a segotl3472-n1-ilo -l fencer -p stonith123 -o status -P
Status: ON
root@segotl3472-n1# fence_ipmilan -a segotl3472-n2-ilo -l fencer -p stonith123 -o status -P
Status: ON
root@segotl3472-n1#
root@segotl3472-n1# time fence_ipmilan -a segotl3472-n1-ilo -l fencer -p stonith123 -o status -P
Status: ON
real    0m0.072s
user    0m0.023s
sys     0m0.020s
root@segotl3472-n1# time fence_ipmilan -a segotl3472-n2-ilo -l fencer -p stonith123 -o status -P
Status: ON
real    0m0.067s
user    0m0.025s
sys     0m0.013s
```

```
- You can reset 'on-fail=ignore' operations to default by using below command.
# pcs stonith update segotl3472-n2-fence-ilo on-fail=
```

From <https://access.redhat.com/support/cases/#/case/02460082>

NEXT STEPS

1. Delete the resources which are not required in the cluster setup:
   ```
   # pcs resource delete nmb_resource
   # pcs resource delete smb_resource
   # pcs resource delete gorapresjrapid01_dbdump
   # pcs resource delete gorapresjrapid01_vg03
   ```
2. Clear the failcount for the fence resource and remove the ban constraint:
   ```
   # pcs resource failcount reset ecsjl0419-n1-fence-ilo
   # pcs resource failcount reset ecsjl0419-n2-fence-ilo
   # pcs constraint remove cli-ban-gorapresjrps01-on-ecsjl0419-n1-cl
   ```

From <https://access.redhat.com/support/cases/#/case/03070496>

```
# pcs resource unmanage <LVM-resource-name>
... extend the LVM
# pcs resource manage <LVM-resource-name>
```

From <https://access.redhat.com/support/cases/#/case/02952331>

The `pcs stonith cleanup` command works similarly to the `pcs resource cleanup` command and you may be able to prevent the issue by specifying a specific stonith resource so that the command does not inadvertently probe all resources.

pcs stonith cleanup ecsjl0419-n1-fence-ilo

pcs stonith cleanup ecsjl0419-n2-fence-ilo

Info

Monday, November 22, 2021 4:59 PM

- same IP can't be pointed to different DNS records
- systemctl reset-failed
-

FIO

Wednesday, November 24, 2021 12:30 PM

https://support.hpe.com/hpesc/public/swd/detail?swItemId=MTX_af92ab8098fe4efa80fcdfd27c
https://support.hpe.com/hpesc/public/swd/detail?swItemId=MTX_638f88c351d8480398b3515b15

[4:48 PM] Leo Kennedy A

_c0_ Premium Repl, no backup

_c1_ Premium Repl, 7 days ret (1 week)

_c2_ Premium Repl, 14 days ret (2 weeks)

_c4_ Premium Repl, 30/31/32 days ret (~4 weeks)

_c9_ Premium Repl, backup handled and charged by some other mechanism.

_a0_ Premium, no backup

_a1_ Premium, 7 days ret (1 week)

_a2_ Premium, 14 days ret (2 weeks)

_a4_ Premium, 30/31/32 days ret (~4 weeks)

_b0_ Basic, no backup

_b1_ Basic, 7 days ret (1 week)

_b2_ Basic, 14 days ret (2 weeks)

_b4_ Basic, 30/31/32 days ret (~4 weeks)

```
#!/bin/bash
for server in `cat /var/www/html/fio-nvme/fio-nvme.txt`
do
echo "$server"
scp -o ConnectTimeout=2 $server:/tmp/FIO-NVME-check.txt /var/www/html/fio-nvme/data/$server.txt
done
chmod 777 /var/www/html/fio-nvme/data/*.txt
Date=`date`
echo "<h4 align=left>Last Refresh: $Date</h4>" > /var/www/html/fio-nvme/data/last-refresh.html

##copy data files and last-refresh time to segotl2945.got.volvo.net###
scp -pr -o ConnectTimeout=2 /var/www/html/fio-nvme/data/*.txt  /var/www/html/fio-nvme/data/last-refresh.html
segotl4089.got.volvo.net:/var/www/html/FIO_NVME/data/
```

/var/www/html/fio-nvme/data

TCP Dump

Wednesday, November 24, 2021 8:55 PM

As I mentioned, do not use src or dst filter while capting tcpdump which results in one-way traffic which does not provide much insight for most of the issues. In case, you need a filter for a specific IP, you can use the "host" filter for example:

```
# tcpdump -i <NIC> host <IP> -w <filepath>.pcap &
```

```
tcpdump -s0 -v port 4739 agent1.pcap

tcpdump -w /tmp/segotl4771.pcap -i ens192 -s 0 -n 'dst net 13.80.70.51 and dst port 443'
tcpdump host 10.180.34.5

tcpdump -w /tmp/segotl4726.pcap -i ens192 -s 0 -n 'dst net 13.80.70.51 and dst port 443'

tcpdump -w /tmp/segotl4726.pcap -i eth2 -s 0 -n 'dst net 10.249.16.75  and dst port 443'


tcpdump -w /tmp/segotl2877.pcap -i eth2 -s 0 -n 'dst net 10.249.16.75'

tcpdump -w /tmp/techl5235.pcap -i ens192 -s 0 -n 'dst net 10.196.205.28'


tcpdump host 10.249.132.28 -G 10800 -w /tmp/tcpdump/${HOSTNAME}_`/bin/date '+%Y%m%d'`.pcap

tcpdump host 10.249.132.28 -G 120 -w /tmp/${HOSTNAME}_`/bin/date '+%Y%m%d'`.pcap

net ads join -U a334645 'createcomputer=IT/GOT/SERVERS/Servers UNIX'
tcpdump -i team0 dst port 88

  444  2022-06-30 11:30:14 tcpdump -ttttnnr /tmp/tc/techl5235.pcap
  446  2022-06-30 11:37:53 tcpdump -ttttnnr /tmp/techl5235.pcap
  458  2022-06-30 11:43:45 tcpdump -w /tmp/techl5235_1.pcap -i ens192 -s 0 -n 'dst net 10.196.205.28'
  459  2022-06-30 11:45:02 tcpdump  -i ens192 -s 0 -n 'dst net 10.196.205.28'
  466  2022-06-30 15:17:33 tcpdump  -i ens192 -s 0 -n 'dst net 10.196.205.1'
  467  2022-06-30 15:20:35 tcpdump  -i ens192 -s 0 -n 'src net 10.196.205.1'
  468  2022-06-30 15:37:23 tcpdump  -i ens192 -s 0 -n 'dst net 10.196.205.1' >> /tmp/dest.pcap
  470  2022-06-30 15:38:05 tcpdump  -w /tmp/dest.pcap -i ens192 -s 0 -n 'dst net 10.196.205.1'
  471  2022-06-30 15:41:45 tcpdump  -w /tmp/src.pcap -i ens192 -s 0 -n 'src net 10.196.205.1'
```

Command

Thursday, November 25, 2021 6:17 PM

```
#lscpu | egrep 'Model name|Socket|Thread|CPU\(s\)

#tcpdump udp port 123 -w /tmp/ntp-tcpdump.txt

# strace -p 13794

free -m | grep -i swap: | awk '{printf "Swap_used:%.2f%\n",($3/$2)*100}';date


sudo iptables -L -v -n -t nat


dnf module disable postgresql

sed -n '/Mar 19 00:00/,/Mar 21 23:59:/p' /var/log/message.log


mkdir /tmp/PRB100005822; sed -n '/Mar 19 00:00/,/Mar 21 23:/p' /var/log/messages-2022032* > /tmp/PRB100005822/log.txt


soe3/sfw/bin/sudo su -
```

Openssl cert

Tuesday, December 14, 2021 12:45 PM

Check the dates that the certificate is valid

From <https://support.acquia.com/hc/en-us/articles/360004119234-Verifying-the-validity-of-an-SSL-certificate>

openssl x509 -noout -in certificate.pem -dates

openssl x509 -in /etc/tower/tower.cert -text

How to Generate a CSR (Certificate Signing Request) in Linux (tecmint.com)

```
root@segotl0874# openssl x509 -noout -in server.crt -dates
notBefore=Dec 13 00:00:00 2021 GMT
notAfter=Dec 13 23:59:59 2022 GMT
```

openssl ciphers -v | awk '{print $2}' | sort | uniq

```
 477  2022-12-15 08:29:15 su - was
 478  2022-12-15 08:57:23 openssl x509 -noout -text -in server.crt | grep -i -A2 validity
 479  2022-12-15 08:57:39 cd /opt/was/prd/profiles/wp59ihs01/webservers/wp59ihs01-group01/conf/SSL
 480  2022-12-15 08:57:42 ls -ltr
 481  2022-12-15 08:58:08  openssl x509 -noout -text -in wp59-group01.lyon.volvo.net.crt  | grep -i -A2 validity
 482  2022-12-15 09:02:28  openssl x509 -noout -text -in Volvo_root.crt  | grep -i -A2 validity
 483  2022-12-15 09:02:36 pwd
 484  2022-12-15 09:03:08  openssl x509 -noout -text -in Volvo_InterCA3.crt  | grep -i -A2 validity
 485  2022-12-15 09:03:42  openssl x509 -noout -text -in wp59-group01.lyon.volvo.net.csr  | grep -i -A2 validity
 486  2022-12-15 09:03:49  openssl x509 -noout -text -in wp59-group01.lyon.volvo.net.crt  | grep -i -A2 validity
 487  2022-12-15 09:06:08 ls -l
 488  2022-12-15 09:07:45 openssl req -in wp59-group01.lyon.volvo.net.csr -noout –text
 489  2022-12-15 09:08:05 openssl --help
 490  2022-12-15 09:08:12 openssl -help
 491  2022-12-15 09:08:28 openssl -help
 492  2022-12-15 09:08:34 help
 493  2022-12-15 09:08:44 help | grep openssl
 494  2022-12-15 09:09:09 openssl req -in wp59-group01.lyon.volvo.net.csr -noout –text
 495  2022-12-15 09:09:18 openssl req -in wp59-group01.lyon.volvo.net.csr -noout –text -help
 496  2022-12-15 09:12:21 openssl x509 -in wp59-group01.lyon.volvo.net.csr -text -noout
 497  2022-12-15 09:15:14  openssl x509 -noout -text -in wp59-group01.lyon.volvo.net.crt  | grep -i -A2 validity
 498  2022-12-15 09:20:37 pwd
 499  2022-12-15 09:20:40 ls -ltr
 500  2022-12-15 09:21:04  openssl x509 -noout -text -in wp59-group01.lyon.volvo.net.crt  | grep -i -A2 validity
```

==========

HCL GSS PKI

- For internal certificates, create a CSR for the server and send it to gss.certificatecenter@hcl.com (O = HCL GSS/L = Gothenburg/C = SE)
- For external certificate, involved Onkar from procurement team and get a quote from JNR Management. The price is approx. 140€, for a 2 year cert.

A Certificate Signing Request or CSR is a specially formatted encrypted message sent from a Secure Sockets Layer (SSL) digital certificate applicant to a certificate authority

(CA).

openssl req -out nexusqa.it.udtrucks.net.csr -newkey rsa:2048 -nodes -keyout nexusqa.it.udtrucks.net.key -config nexusqa.conf
Send this .csr file to certificate team
they digitally sign and will send to app team with .cer file

keytool -v -list -keystore filename

keytool -importcert -alias <aliasName> -file <certificateFileName> -keystore <locationOfKeystore>

Yum Issues

Tuesday, December 14, 2021 4:08 PM

#rpm -ivh --replacefiles --replacepkgs /tmp/python-2.7.5-90.el7.x86_64.rpm

```
root@srv60749# yum repolist
  File "/bin/yum", line 30
    except KeyboardInterrupt, e:
```

Resoution: need to add "Ptable Kickstart Default GSS SOE 2" on satellite 6.8

- **Search the server in satellite, edit the host, go to operating systems change the Ptable.**

RAID Foreign error

Thursday, December 16, 2021 9:28 PM

How to import a “Foreign Configuration” in the RAID Controller using the System Setup Menu | Dell India

Satellite issue

Tuesday, December 28, 2021 11:55 AM

This system has already been registered with Red Hat using RHN Classic
rm -f /etc/sysconfig/rhn/systemid

subscription-manager register --org="HCL" --activationkey=ak-auto,ak-rhe6_1m_gss
subscription-manager register --org="HCL" --activationkey=ak-auto,ak-rhel7_6m_gss

subscription-manager register --org="HCL" --activationkey=ak-auto,ak-rhel8_1m_gss

subscription-manager register --org="HCL_shared" --activationkey=ak-auto,ak-rhel8_1m_gss

subscription-manager register --org="HCL" --activationkey=ak-auto,ak-rhel7_1m_gss,ak-rhel7_1m_gss_sapapp --name=segotl0628.got.volvo.net --force

rpm -Uvh https://udgotl2088.got.udtrucks.net:/pub/katello-ca-consumer-latest.noarch.rpm
subscription-manager register --org="UDCN" --activationkey=ak-auto,ak-rhel8_1m_udcn
ak-auto,ak-rhel8_1m_udcn

subscription-manager register --org="UDCN" --activationkey=ak-auto,ak-rhel7_1m_udcn

rpm -Uvh http://segotl4386.srv.volvo.com:/pub/katello-ca-consumer-latest.noarch.rpm

curl --insecure --output katello-ca-consumer-latest.noarch.rpm https://segotl4385.srv.volvo.com/pub/katello-ca-consumer-latest.noarch.rpm

rpm -qa | grep -i redhat-release

http://segotl4386.srv.volvo.com/pulp/repos/HCL/lce-rhel7_6m_gss/ccv-rhel7_6m_gss/content/dist/rhel/server/7/7.9/x86_64/kickstart/Packages/redhat-release-server-7.9-3.el7.x86_64.rpm

/var/www/html/pub/kickstart79/Packages/openldap-2.4.44-22.el7.x86_64.rpm

http://segotl4386.srv.volvo.com/pulp/repos/HCL/lce-rhel7_6m_gss/ccv-rhel7_6m_gss/content/dist/rhel/server/6/6.8/x86_64/kickstart/Packages/

wget http://segotl4386.srv.volvo.com/pulp/repos/HCL/lce-rhel7_6m_gss/ccv-rhel7_6m_gss/content/dist/rhel/server/7/7.9/x86_64/kickstart/Packages/redhat-release-server-7.9-3.el7.x86_64.rpm

curl --insecure --output katello-ca-consumer-latest.noarch.rpm https://segotl4385.srv.volvo.com/pub/katello-ca-consumer-latest.noarch.rpm

http://segotl4386.srv.volvo.com/pulp/repos/HCL/lce-rhel6_6m_gss/ccv-rhel6_6m_gss/content/dist/rhel/server/6/6.10/x86_64/kickstart/Packages/redhat-release-server-6Server-6.10.0.12.el6.x86_64.rpm

wget https://segotl4385.srv.volvo.com/pulp/repos/HCL/content_views/ccv-rhel7_6m_gss/66.0/content/dist/rhel/server/7/7.9/x86_64/kickstart/Packages/o/openldap-2.4.44-22.el7.x86_64.rpm

https://segotl4385.srv.volvo.com/pulp/repos/HCL/content_views/ccv-rhel7_6m_gss/66.0/content/dist/rhel/server/7/7.9/x86_64/kickstart/Packages/o/

https://segotl4385.srv.volvo.com/pulp/repos/HCL/Library/content/dist/rhel8/8.3/x86_64/baseos/kickstart/Packages/

hammer ping
foreman-maintain service status
foreman-maintain service restart

Below is the quick summary of the call:-

- The main issue reported was user root was unable to login to console with an error "Incorrect Login".
- During booting process we found that many services including polkit, sssd, NetworkManager, systemd logind etc were getting fa iled.
- So, we decided to boot the host in the rescue mode and troubleshoot the issue.
- In the rescue mode earlier today when we booted the host it did not show any log files, rpm -Va also did not show any output.
- After multiple times when we booted the host in the rescue mode we got to see some logs in /var/log/messages related to unkno wn user polkitd and some other users too.
- Based on the log messages we restored /etc/passwd file from the identical host, also we replaced /etc/pam.d/password-auth and /etc/pam.d/system-auth files from identical host.
- Rebooted the host and this time system got booted successfully.

As the issue reported in this case is resolved we will close the case now.

*For subscription manager issue you are advised to open a new ticket with our satellite team.

```
root@segotl4385# hammer subnet list |grep 172.27.36
753 | volvo_got_vgcsci_172.27.36.144          | 172.27.36.144  | 28        | 255.255.255.240 | 1871    | Static   | 172.27.36.145
752 | volvo_got_vgcsci_172.27.36.192          | 172.27.36.192  | 28        | 255.255.255.240 | 1872    | Static   | 172.27.36.193

root@segotl4385# hammer domain list |grep vgthosting
77 | vgthosting.net
root@segotl4385# hammer subnet list |grep 744
744 | volvo_gso_vgcsnaextci_172.27.67.0          | 172.27.67.0    | 28        | 255.255.255.240 | 553     | Static   | 172.27.67.1

root@segotl4385# hammer domain list |grep us.wirelesscar.net
22 | us.wirelesscar.net
root@segotl4385#
```

Luks

Tuesday, December 28, 2021 6:29 PM

```
[root@luks01 ~]#  df /lv01
Filesystem            1K-blocks  Used Available Use% Mounted on
/dev/mapper/vgdata-lv01   3140260 33428   3106832   2% /lv01
[root@luks01 ~]# umount /lv01
[root@luks01 ~]# cryptsetup luksClose vgdata-lv01
[root@luks01 ~]# lvextend -L +1g /dev/vgdata/crypt01
  Size of logical volume vgdata/crypt01 changed from 3.00 GiB (768 extents) to 4.00 GiB (1024 extents).
  Logical volume vgdata/crypt01 successfully resized.
[root@luks01 ~]# cryptsetup luksOpen /dev/vgdata/crypt01 vgdata-lv01
Enter passphrase for /dev/vgdata/crypt01:
[root@luks01 ~]# cryptsetup status vgdata-lv01
/dev/mapper/vgdata-lv01 is active and is in use.
  type:    LUKS1
  cipher:  aes-xts-plain64
  keysize: 256 bits
  key location: dm-crypt
  device:  /dev/mapper/vgdata-crypt01
  sector size:  512
  offset:  4096 sectors
  size:    8384512 sectors
  mode:    read/write
[root@luks01 ~]# mount /lv01
mount: /dev/mapper/vgdata-lv01 is already mounted or /lv01 busy
       /dev/mapper/vgdata-lv01 is already mounted on /lv01
[root@luks01 ~]# df /lv01
Filesystem            1K-blocks  Used Available Use% Mounted on
/dev/mapper/vgdata-lv01   3140260 33428   3106832   2% /lv01
[root@luks01 ~]# xfs_growfs /lv01
meta-data=/dev/mapper/vgdata-lv01 isize=512    agcount=13, agsize=65408 blks
         =                       sectsz=512   attr=2, projid32bit=1
         =                       crc=1        finobt=0 spinodes=0
data     =                       bsize=4096   blocks=785920, imaxpct=25
         =                       sunit=0      swidth=0 blks
naming   =version 2              bsize=4096   ascii-ci=0 ftype=1
log      =internal               bsize=4096   blocks=855, version=2
         =                       sectsz=512   sunit=0 blks, lazy-count=1
realtime =none                   extsz=4096   blocks=0, rtextents=0
data blocks changed from 785920 to 1048064
[root@luks01 ~]# df /lv01
Filesystem            1K-blocks  Used Available Use% Mounted on
/dev/mapper/vgdata-lv01   4188836 33620   4155216   1% /lv01
```

So time plan is

1. df -h /oracle/data
2. cryptsetup status app_vg02-oracledata

root@segotl3601# cryptsetup status app_vg02-oracledata

/dev/mapper/app_vg02-oracledata is active and is in use.
  type: LUKS1
  cipher: aes-xts-plain64
  keysize: 256 bits
  key location: dm-crypt
  device: /dev/mapper/app_vg02-oracledata_en
  sector size: 512
  offset: 4096 sectors
  size: 1677709312 sectors
  mode: read/write

3. umount /oracle/data

4. cryptsetup luksClose app_vg02-oracledata

5 .VG is already extented.
app_vg02 2 1 0 wz--n- <1.27t <490.00g

6. lvextend -L +489GB /dev/mapper/app_vg02-oracledata_en

7. cryptsetup luksOpen /dev/mapper/app_vg02-oracledata_en app_vg02-oracledata
8. xfs_growfs /dev/mapper/app_vg02-oracledata
9. mount /oracle/data

10. df -h /oracle/data

From: Naresh Deenadayalan <naresh.deenadayalan@hcl.com>
Sent: mardi 26 janvier 2021 18:00
To: Stephane Ruel <stephane-ruel@hcl.com>
Subject: File system extension.

Classification: **Internal**

Hi Stephane,

Please check the implementation step and confirm.

```
root@segotl3601# df -ThP /oracle/data
Filesystem                    Type  Size  Used Avail Use% Mounted on
/dev/mapper/app_vg02-oracledata xfs   800G  514G  286G  65% /oracle/data
root@segotl3601#
```

1. df -h /oracle/data
2. cryptsetup status app_vg02-oracledata

```
root@segotl3601# cryptsetup status app_vg02-oracledata
/dev/mapper/app_vg02-oracledata is active and is in use.
  type:  LUKS1
  cipher:  aes-xts-plain64
```

```
  keysize: 256 bits
  key location: dm-crypt
  device:  /dev/mapper/app_vg02-oracledata_en
  sector size:  512
  offset:  4096 sectors
  size:    1677709312 sectors
  mode:    read/write
```

3. umount /oracle/data

4. cryptsetup luksClose app_vg02-oracledata

5 .VG is already extented.
app_vg02   2   1   0 wz--n-   <1.27t <490.00g

6. lvextend -L +489GB /dev/mapper/app_vg02-oracledata

7. cryptsetup luksOpen app_vg02-oracledata
8. xfs_growfs /dev/mapper/app_vg02-oracledata
9. mount /oracle/data

10. df -h /oracle/data

==========
lvextend -L +1000G /dev/app_vg01/oraclebkp_crypt
cryptsetup resize /dev/mapper/app_vg01-oraclebkp
xfs_growfs /dev/mapper/app_vg01-oraclebkp
df -hTP /oracle/arch/

RPM Rebuild

Thursday, December 30, 2021 12:05 PM

```
root@segotlab0825# yum repolist
CRITICAL:yum.main:

Error: rpmdb failed release provides. Try: rpm --rebuilddb
root@segotlab0825#

root@segotlab0825# rpm -qa |grep redhat
root@segotlab0825#


root@segotlab0825# mkdir backup
root@segotlab0825# mv * backup
mv: cannot move 'backup' to a subdirectory of itself, 'backup/backup'
root@segotlab0825# ll
total 4
drwxr-xr-x. 2 root root 4096 Dec 29 12:52 backup
root@segotlab0825# cd
root@segotlab0825#
root@segotlab0825# rpm --rebuilddb
root@segotlab0825#



root@segotlab0825# yum repolist
warning: Generating 12 missing index(es), please wait...
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-
          : manager
HCL_EPEL_epel-x86_64-server-7                    | 2.5 kB     00:00
HCL_hcl_soe_repos_soerpm_x86-64_rhel7            | 2.1 kB     00:00
HCL_puppetlabs_puppetlabs-dependencies-rhel7-x86_64      | 2.1 kB     00:00
HCL_puppetlabs_puppetlabs-products-rhel7-x86_64          | 2.1 kB     00:00
rhel-7-server-extras-rpms                        | 2.0 kB     00:00
https://segotl4386.srv.volvo.com/pulp/repos/HCL/lce-rhel7_1m_gss/ccv-rhel7_1m_gss/content/dist/rhel/server/7/%24releasever/x86_
64/optional/os/repodata/repomd.xml: [Errno 14] HTTPS Error 404 - Not Found
Trying other mirror.


root@segotlab0825# rpm -ivh redhat-release-server-7.9-3.el7.x86_64.rpm
warning: redhat-release-server-7.9-3.el7.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...                          ################################# [100%]
Updating / installing...
   1:redhat-release-server-7.9-3.el7  warning: /etc/issue created as /etc/issue.rpmnew
warning: /etc/issue.net created as /etc/issue.net.rpmnew
warning: /etc/os-release saved as /etc/os-release.rpmorig
################################# [100%]
root@segotlab0825# yum repolist
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-
          : manager
repo id                                          repo name          status
!HCL_EPEL_epel-x86_64-server-7                   epel-x86_64-server-7    213
!HCL_hcl_soe_repos_soerpm_x86-64_rhel7           soerpm_x86-64_rhel7     178
!HCL_puppetlabs_puppetlabs-dependencies-rhel7-x86_64 puppetlabs-dependenc     17
!HCL_puppetlabs_puppetlabs-products-rhel7-x86_64     puppetlabs-products-    225
!rhel-7-server-extras-rpms/x86_64                Red Hat Enterprise L  1,413
!rhel-7-server-optional-rpms/7Server/x86_64      Red Hat Enterprise L 23,188
```

```
!rhel-7-server-rh-common-rpms/7Server/x86_64        Red Hat Enterprise L    243
!rhel-7-server-rpms/7Server/x86_64                  Red Hat Enterprise L 32,535
!rhel-7-server-supplementary-rpms/7Server/x86_64     Red Hat Enterprise L    425
repolist: 58,437
root@segotlab0825#


root@segotlab0825# yum list kernel
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-
          : manager
Available Packages
kernel.x86_64            3.10.0-1160.49.1.el7             rhel-7-server-rpms
root@segotlab0825# yum update kernel
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-
          : manager
HCL_EPEL_epel-x86_64-server-7                          | 2.5 kB     00:00
HCL_hcl_soe_repos_soerpm_x86-64_rhel7                  | 2.1 kB     00:00
HCL_puppetlabs_puppetlabs-dependencies-rhel7-x86_64      | 2.1 kB     00:00
HCL_puppetlabs_puppetlabs-products-rhel7-x86_64         | 2.1 kB     00:00
rhel-7-server-extras-rpms                              | 2.0 kB     00:00
rhel-7-server-optional-rpms                            | 1.8 kB     00:00
rhel-7-server-rh-common-rpms                           | 2.1 kB     00:00
rhel-7-server-rpms                                     | 2.0 kB     00:00
rhel-7-server-supplementary-rpms                       | 2.0 kB     00:00
Package(s) kernel available, but not installed.
No packages marked for update
root@segotlab0825#


cd /var/lib/rpm --> removed all
```

Puppet Issues

Wednesday, January 5, 2022 7:43 PM

Add SITE in configgroup to resolve the below issue

```
Error: Could not retrieve catalog from remote server: Error 400 on SERVER: Failed to parse template
lcs_utilities/puppet_configgroups.txt.erb:
  Filepath: /etc/puppet/environments/production/modules/internal/lcs_utilities/templates/puppet_configgroups.txt.erb
  Line: 6
  Detail: undefined method `upcase' for nil:NilClass
 at /etc/puppet/environments/production/modules/internal/lcs_utilities/manifests/init.pp:106 on node segotl3982.wirelesscar.net
Warning: Not using cache on failed catalog
Error: Could not retrieve catalog; skipping run
```

Network

Monday, January 10, 2022 2:45 PM

Change the RX value.

```
#vi /etc/NetworkManager/dispatcher.d/30-ethtool
#!/bin/bash

if [ "$1" == "team0" ] && [ "$2" == "up" ]; then
    for INTERFACE in team0 p3p1 p3p2; do
        ethtool -G "$INTERFACE" rx 4096
    done
fi
```

```
# ethtool -g p1p1
```

ITM

Wednesday, January 12, 2022 1:00 PM

Segotl3028
/itmrep/cust/script/UNIX/bin/global_launch_maintenance_server_OS_UNIX_batch.sh -s segotl5170 -c CHG000315023 -t 240 -d -m gssd.java.unix.so@hcl.com

Satellite Host group Change

Wednesday, January 12, 2022 7:28 PM

```
root@segotl4385# for i in `cat /tmp/n`; do hammer host list --search $i; done |grep -i techl
4671 | techl5163.eu.techem.corp | RHEL Server 7.9  | rhel7_1m_gss/got_techem | 10.196.205.13 | 00:50:56:8c:41:36 | Error       | ccv-rhel7_1m_gss | lce-rhel7_1m_gss
4674 | techl0197.eu.techem.corp | RHEL Server 7.9  | rhel7_6m_gss/got_techem | 10.196.80.96 | 00:50:56:8c:98:0c | Warning      | ccv-rhel7_1m_gss | lce-rhel7_1m_gss
4679 | techl0199.eu.techem.corp | RHEL Server 7.9  | rhel7_6m_gss/got_techem | 10.196.80.98 | 00:50:56:8c:35:a4 | Warning      | ccv-rhel7_1m_gss | lce-rhel7_1m_gss
4678 | techl0202.eu.techem.corp | RHEL Server 7.9  | rhel7_6m_gss/got_techem | 10.196.80.101 | 00:50:56:8c:fe:7a | Warning      | ccv-rhel7_1m_gss | lce-rhel7_1m_gss
4676 | techl0204.eu.techem.corp | RHEL Server 7.9  | rhel7_6m_gss/got_techem | 10.196.80.50 | 00:50:56:8c:76:f2 | Warning      | ccv-rhel7_1m_gss | lce-rhel7_1m_gss
4677 | techl0206.eu.techem.corp | RHEL Server 7.9  | rhel7_6m_gss/got_techem | 10.196.80.52 | 00:50:56:8c:6f:b0 | Warning      | ccv-rhel7_1m_gss | lce-rhel7_1m_gss
4684 | techl0209.eu.techem.corp | RHEL Server 7.9  | rhel7_6m_gss/got_techem | 10.196.80.55 | 00:50:56:8c:e0:39 | Warning      | ccv-rhel7_1m_gss | lce-rhel7_1m_gss
4683 | techl0211.eu.techem.corp | RHEL Server 7.9  | rhel7_6m_gss/got_techem | 10.196.80.57 | 00:50:56:8c:ff:be | Warning      | ccv-rhel7_1m_gss | lce-rhel7_1m_gss
root@segotl4385#

root@segotl4385# for i in `cat /tmp/n`; do hammer host update --organization HCL --name $i --hostgroup-title 'rhel7_1m_gss/got_techem'; done
Host updated.
Host updated.
Host updated.
Host updated.
Host updated.
Host updated.
Host updated.
root@segotl4385#

curl --insecure --output katello-ca-consumer-latest.noarch.rpm https://segotl4385.srv.volvo.com/pub/katello-ca-consumer-latest.noarch.rpm
yum localinstall katello-ca-consumer-latest.noarch.rpm
```

Sssd - TLS cert issue& LDAP

Tuesday, January 25, 2022 10:18 PM

Enabled dubug_level =9 in /etc/sssd/sssd.conf

/var/log/sssd/sssd_default.log

/etc/openldap/ldap.conf - wrong parameters - Copied from working servers

```
#Create a privca directory and deploy RHDS10 certificate.
root@segotl1119# ls -l /etc/openldap/privca
total 8
lrwxrwxrwx. 1 root root   27 Jan 27 16:55 2a6ba680.0 -> unix-ds-ca.rhds10.intCA.pem
lrwxrwxrwx. 1 root root   28 Jan 27 16:55 e1ea60f0.0 -> unix-ds-ca.rhds10.rootCA.pem
-rw-r--r--. 1 root root 2082 Jan 27 16:53 unix-ds-ca.rhds10.intCA.pem
-rw-r--r--. 1 root root 2082 Jan 27 16:54 unix-ds-ca.rhds10.rootCA.pem
root@segotl1119#
```

Issue: SSSD couldn't load the configuration database [1432158322]: File ownership and permissions check failed:

-rw-------. 1 root root 534 Nov 1 13:04 /etc/sssd/sssd.conf --> should be 600

Check sssd Package version:

rpm -qa |grep sssd

User Login/Password/Access

Wednesday, January 26, 2022 2:18 PM

```
  486  ./Authapp.ksh
  487  ./Authapp.ksh GLB
  488  cd /sudo/SudoAccessCtrl/
  489  ll
  490  ./Authapp.ksh
  491  ./Authapp.ksh GSO
  492  ./Authapp.ksh GOT
  493  ./Authapp.ksh GLB
  494  crontab -l
  495  crontab -l |grep -i gso
  496  /sudo/SudoAccessCtrl/bin/RebuildSudoAccess.ksh GSO
  497  crontab -l |grep -i gso
  498  crontab -l
  499  crontab -l|grep GLB
  500  cd /sudo/SudoAccessCtrl/
  501  ls
  502  ./Authapp.ksh
  503  ./Authapp.ksh LEO
  504  /sudo/SudoAccessCtrl/bin/copy_UUMfiles_to_policyserver GSO
  505  cd /sudo/SudoAccessCtrl/
  506  ./Authapp.ksh
  507  history
root@zlin1072:~#
```

KB000053495

/sudo/HostAccess/bin/hostaccess-create.bash --create UNIX_INTERACT_HIGH_NODES

```
 602  2022-01-25 14:12:40 getent netgroup UNIX_AOMWCT_MEDIUM_USERS
 604  2022-01-25 14:13:03 getent netgroup UNIX_AOMWCT_MEDIUM_NODES
  605  2022-01-25 14:14:12 cd /etc/cron.d
  606  2022-01-25 14:14:12 ll
  607  2022-01-25 14:14:23 cat usermgmt_update_access_conf
  608  2022-01-25 14:14:40 ksh -x /usr/sbin/update_access_conf
```

sssd-ad-1.16.5-10.el7_9.7.x86_64 - for AD authentication

```
root@segotl1119# update_access_conf
ldap_sasl_bind(SIMPLE): Can't contact LDAP server (-1)
ldapsearch failed
Do nothing, exit....
You have mail in /var/spool/mail/root
root@segotl1119#
```

```
directory /etc/openldap/privca does not exist?
root@segotl1119# cd /etc/openldap/privca/
root@segotl1119# ll
total 8
lrwxrwxrwx. 1 root root   27 Jan 27 16:55 2a6ba680.0 -> unix-ds-ca.rhds10.intCA.pem
lrwxrwxrwx. 1 root root   28 Jan 27 16:55 e1ea60f0.0 -> unix-ds-ca.rhds10.rootCA.pem
-rw-r--r--. 1 root root 2082 Jan 27 16:53 unix-ds-ca.rhds10.intCA.pem
-rw-r--r--. 1 root root 2082 Jan 27 16:54 unix-ds-ca.rhds10.rootCA.pem
root@segotl1119# date
Thu Feb  3 12:37:57 CET 2022
root@segotl1119# ls -ld /etc/openldap/privca/
drwxr-xr-x. 2 root root 4096 Jan 27 16:55 /etc/openldap/privca/
root@segotl1119#
```

```
grep -E "^2022\/|Can't" /tmp/update_access_conf_cron.log|more

grep -E "^2022\/|Can't|ldap_connect_to_host: |connect errno:" /tmp/update_access_conf_cron.log|more

grep -E "^2022\/|Can't|ldap_connect_to_host: |connect errno:" /tmp/update_access_conf_cron.log |grep -B4 "connect errno"|more

grep -E "^2022\/|Can't|ldap_connect_to_host: |connect errno:" /tmp/update_access_conf_cron.log |grep -B4 "connect errno"|grep -i
segotn

grep -E "^2022\/|Can't|ldap_connect_to_host: |connect errno:" /tmp/update_access_conf_cron.log |grep -B3 "Can't"|awk
'/ldap_connect_to_host: TCP/ {print $3}'|sort -u
segotn005.vcn.ds.volvo.net:389
segotn006.vcn.ds.volvo.net:389

grep -E "^2022\/|Can't|ldap_connect_to_host: |connect errno:" /tmp/update_access_conf_cron.log |grep -B4 "Can't"|more

root@segotl5211#  nslookup -type=srv _ldap._tcp.SE-GOT._sites.vcn.ds.volvo.net
Server:        192.138.110.5
Address:       192.138.110.5#53

Non-authoritative answer:
_ldap._tcp.SE-GOT._sites.vcn.ds.volvo.net      service = 0 100 389 segotn036.vcn.ds.volvo.net.
_ldap._tcp.SE-GOT._sites.vcn.ds.volvo.net      service = 0 100 389 segotn006.vcn.ds.volvo.net.
_ldap._tcp.SE-GOT._sites.vcn.ds.volvo.net      service = 0 100 389 segotn005.vcn.ds.volvo.net.
_ldap._tcp.SE-GOT._sites.vcn.ds.volvo.net      service = 0 100 389 segotn035.vcn.ds.volvo.net.
```

Log4j

Friday, February 4, 2022 3:21 PM

Remove log4j files TSM
#cd /opt/tivoli/tsm/client/ba/bin/plugins/vcloudsuite/

Dell EMC SupportAssist Enterprise Version 2.0.80 Linux
Dell EMC SupportAssist Enterprise Version 2.0.80 Linux Management Server | Driver Details | Dell India

Samba

Thursday, February 10, 2022 8:35 PM

realm discover VCN.DS.VOLVO.NET
realm join VCN.DS.VOLVO.NET -U a334645 --computer-ou='OU=Servers UNIX,OU=SERVERS,OU=GOT,OU=IT' --client-software=sssd --membership-software=samba -vvv

realm leave VCN.DS.VOLVO.NET -U a334645

root@segotl0836# pwd
/tmpdata/samba_old_rpms/samba_repo_old

segotl3566

```
 2022-08-11 12:54:56 rpm -qa|grep -i samba*
  556  2022-08-11 12:56:16 rpm -e --nodeps samba-common-libs-4.10.16-19.el7_9.x86_64
  557  2022-08-11 12:56:53 rpm -e --nodeps samba-winbind-4.10.16-19.el7_9.x86_64
  558  2022-08-11 12:56:59 rpm -e --nodeps samba-client-libs-4.10.16-19.el7_9.x86_64
  559  2022-08-11 12:57:10 rpm -e --nodeps samba-common-tools-4.10.16-19.el7_9.x86_64
  560  2022-08-11 12:57:14 rpm -e --nodeps samba-winbind-clients-4.10.16-19.el7_9.x86_64
  561  2022-08-11 12:57:18  rpm -e --nodeps samba-common-4.10.16-19.el7_9.noarch
  562  2022-08-11 12:57:22 rpm -e --nodeps samba-libs-4.10.16-19.el7_9.x86_64
rpm -e --nodeps samba-4.10.16-19.el7_9.x86_64
```

Yum localinstall samba-4.6.2-12.el7_4.x86_64.rpm samba-client-libs-4.6.2-12.el7_4.x86_64.rpm samba-common-4.6.2-12.el7_4.noarch.rpm samba-common-tools-4.6.2-12.el7_4.x86_64.rpm samba-libs-4.6.2-12.el7_4.x86_64.rpm

Nvidia

Saturday, February 12, 2022 4:48 PM

```
374 2021-11-10 18:05:21 less /var/lib/dkms/nvidia/340.107/build/make.log
375 2021-11-10 18:07:39 yum install kernel-headers
376 2021-11-10 18:08:12 yum reinstall kernel-headers
377 2021-11-10 18:08:50 ./NVIDIA-Linux-x86_64-340.107.run -a --dkms
378 2021-11-10 18:09:43 less /var/lib/dkms/nvidia/340.107/build/make.log
379 2021-11-10 18:18:13 ./NVIDIA-Linux-x86_64-340.107.run -a
380 2021-11-10 18:18:47 less /var/log/nvidia-installer.log
381 2021-11-10 18:19:17 finger|grep thin
382 2021-11-10 18:20:59 ./NVIDIA-Linux-x86_64-367.134.run -a
383 2021-11-10 18:21:12 ./NVIDIA-Linux-x86_64-367.134.run -a --dkms
384 2021-11-10 18:22:03 less /var/lib/dkms/nvidia/367.134/build/make.log
```

>>>Check what version is installed before patching the server and install the same version.
Restore the file from tsm to verify the NVIDIA version .

```
#rest "/var/log"  "/tmp/re/"  -pitdate=2022-06-19 -inactive -sub=y -pick
#/tmp/re/lib/nvidia/log

root@blr-hpc2-i001# nvidia-smi
Sat Feb 12 16:54:45 2022
+-----------------------------------------------------+
| NVIDIA-SMI 340.107    Driver Version: 340.107       |
|-------------------------------+----------------------+----------------------+
| GPU  Name        Persistence-M| Bus-Id        Disp.A | Volatile Uncorr. ECC |
| Fan  Temp  Perf  Pwr:Usage/Cap|         Memory-Usage | GPU-Util  Compute M. |
|===============================+======================+======================|
|   0  GRID K1            Off  | 0000:84:00.0     Off |                  N/A |
| N/A   27C    P0    14W /  31W |     10MiB /  4095MiB |      0%      Default |
+-------------------------------+----------------------+----------------------+
|   1  GRID K1            Off  | 0000:85:00.0     Off |                  N/A |
| N/A   26C    P0    13W /  31W |     10MiB /  4095MiB |      0%      Default |
+-------------------------------+----------------------+----------------------+
|   2  GRID K1            Off  | 0000:86:00.0     Off |                  N/A |
| N/A   22C    P0    13W /  31W |     10MiB /  4095MiB |      0%      Default |
+-------------------------------+----------------------+----------------------+
|   3  GRID K1            Off  | 0000:87:00.0     Off |                  N/A |
| N/A   24C    P0    12W /  31W |     10MiB /  4095MiB |      0%      Default |
+-------------------------------+----------------------+----------------------+

+-----------------------------------------------------------------------------+
| Compute processes:                                               GPU Memory |
|  GPU       PID  Process name                                       Usage      |
|=============================================================================|
|  No running compute processes found                                         |
+-----------------------------------------------------------------------------+
root@blr-hpc2-i001#
```

[Index of /XFree86/Linux-x86_64 (nvidia.com)]

Yum install kernel-devel

```
root@blr-hpc2-i001# nvidia-smi
Tue Aug 23 17:46:51 2022
+------------------------------------------------------+
| NVIDIA-SMI 340.108    Driver Version: 340.108        |
|-------------------------------+----------------------+----------------------+
| GPU  Name        Persistence-M| Bus-Id        Disp.A | Volatile Uncorr. ECC |
| Fan  Temp  Perf  Pwr:Usage/Cap|         Memory-Usage | GPU-Util  Compute M. |
|===============================+======================+======================|
|   0  GRID K1             Off  | 0000:84:00.0     Off |                  N/A |
| N/A   32C    P0    14W /  31W |     10MiB /  4095MiB |      0%      Default |
+-------------------------------+----------------------+----------------------+
|   1  GRID K1             Off  | 0000:85:00.0     Off |                  N/A |
| N/A   31C    P0    13W /  31W |     10MiB /  4095MiB |      0%      Default |
+-------------------------------+----------------------+----------------------+
|   2  GRID K1             Off  | 0000:86:00.0     Off |                  N/A |
| N/A   27C    P0    13W /  31W |     10MiB /  4095MiB |      0%      Default |
+-------------------------------+----------------------+----------------------+
|   3  GRID K1             Off  | 0000:87:00.0     Off |                  N/A |
| N/A   30C    P0    12W /  31W |     10MiB /  4095MiB |      0%      Default |
+-------------------------------+----------------------+----------------------+

+-----------------------------------------------------------------------------+
| Compute processes:                                                  GPU Memory |
|  GPU       PID  Process name                                        Usage      |
|=============================================================================|
|  No running compute processes found                                           |
+-----------------------------------------------------------------------------+
root@blr-hpc2-i001#
```

scom

Thursday, February 17, 2022 4:00 PM

```
cd /opt/microsoft/scx/bin/tools
export LD_LIBRARY_PATH=/opt/microsoft/scx/lib:$LD_LIBRARY_PATH
./omicli ei root/scx SCX_Agent
```

Client port 1270
Server side port 5723 5985

```
#chmod 666 /etc/opt/microsoft/scx/ssl/scx.pem
```

Enclosure serial number

Thursday, February 24, 2022 3:29 PM

DELL
=====
omreport storage controller |egrep "^ID|^Slot"
omreport storage enclosure controller=1 |egrep "Name|Service Tag"

/opt/dell/srvadmin/bin/omreport system version

root@cntsnl0114# omreport storage controller
List of Controllers in the system

Controller
ID : 0
Status : Ok
Name : PERC H330 Mini
Slot ID : Embedded
State : Ready
Firmware Version : 25.5.6.0009

Firmware version check for Dell server

Type	Command
OS kernel	uname -r
NIC firmware	/sbin/ethtool -i eth3|grep ^firmware
NIC driver	/sbin/ethtool -i eth3|grep ^version
OEM BIOS Rev	/usr/sbin/dmidecode -t bios|grep Version
PERC H700 Controller	omreport storage controller|grep ^Firmware
PERC Driver	omreport storage controller|grep ^"Driver Version"
Open Manage Software	omreport about|grep Version

Useful OpenManage Server Administrator(omreport) commands for Dell server

The OpenManage command line interface allows you to check the state of your hardware and do hardware settings.
Below commands are quick reference for Dell server, you can always use "omhelp omreport" commands to show help manual of "omreport".

1. System component properties.

- System logs

```
omreport system alertlog  --View alert log.
omreport system esmlog    --View hardware (Embedded System Management) log.
omreport system cmdlog    --View command log.
```

- OS

```
omreport system operatingsystem
```

- Summary of all system components(Including major components versions)

```
omreport system summary
```

- Version report for all updateable components.
  (Including BIOS,OS and controller versions)

```
omreport system version
```

2. Chassis component properties.

- Power (Check power peak stats and threshold)

```
omreport chassis pwrmonitoring
```

- Check power capacity

```
omreport chassis pwrmanagement
```

- Power health status

```
omreport chassis pwrsupplies
```

- Fans

```
omreport chassis fans|grep -i stat
```

- Memory

```
omreport chassis memory|egrep "Index|Status"
```

- NICs

```
omreport chassis nics|egrep "Name|Status"
```

- CPUs

```
omreport chassis processors
```

- Temperatures

```
omreport chassis temps
```

- Voltage

```
omreport chassis volts|egrep "Index|Status"
```

- Battery of CMOS

```
omreport chassis batteries
```

3. Display storage component properties.

- Physical Disk Status

```
omreport storage pdisk controller=0|egrep "^ID |Status|State|Failure"
```

- Logical Disk Status

```
omreport storage vdisk|egrep "^Name|State|Write|Read"
```

- Controller Status

```
omreport storage controller|egrep "^ID|^State|^Status|^Firmware"
```

- Controller Battery

```
omreport storage battery
```

- Controller Connecter Status

```
omreport storage connector controller=0|egrep "^ID|Status"
```

4. Controller Battery related

- Generate controller log

```
omconfig storage controller action=exportlog controller=0
```

- Check Manufacture Name

```
# logfile=`ls -t /var/log/lsi*.log|head -1`;cat $logfile | grep 'Manufacturer Name' | head -n 1; omreport
chassis info | grep 'Chassis Service Tag'
T5:     Manufacturer Name        : xxx-xxx.x
Chassis Service Tag                     : xxxxxx
```

- Check remaining&full capacity

```
# logfile=`ls -t /var/log/lsi*.log|head -1`;cat $logfile | grep -A 8 'BATTERY MONITORED INFORMATION' |tail -8|
cut -c 6-
_____________________________________________________________________

 Temperature             : 28 C                  Voltage             : 4066 V
 Current                 : 0 mA                  GasGaugeStat        : 40e0
 GPID                    : 81110d2               ChargerStatus       : 2
 Remaining Capacity      : 1612 mAh              Full Charge Capacity: 1625 mAh
 Relative Stat of Charge : 100 %                 FwBBUState          : 1
 _____________________________________________________________________
```

From <http://www.openkb.info/2014/05/useful-openmanage-server.html>

HP:
====

```
#!/bin/bash
/usr/sbin/hpacucli ctrl all show detail |grep -i array |grep -v Embedded |awk '{print $6}' > /tmp/slot
for i in `cat /tmp/slot`; do /usr/sbin/hpacucli controller slot=$i  enclosure all show detail |egrep "Enclosure|Serial"; done
```

Linux - hpacucli

This document is a quick cheat sheet on how to use the hpacucli utility to add, delete, identify and repair logical and physi cal disks on the Smart array 5i plus controller, the server that these commands were tested on was a HP DL380 G3 server with a Smart Array 5i plus control ler with 6 x 72GB hot swappable disks, the server had Oracle Enterprise Linux (OEL) installed.
After a fresh install of Linux I downloaded the file *hpacucli-8.50-6.0.noarch.rpm* (5MB), you may want to download the latest version from HP. Then install using the standard *rpm* command.
I am not going to list all the commands but here are the most common ones I have used thus far, this document may be updated as I use the utility more.

Utility Keyword abbreviations	
Abbreviations	chassisname = ch controller = ctrl logicaldrive = ld physicaldrive = pd drivewritecache = dwc
hpacucli utility	

hpacucli	`# hpacucli`
	
	`# hpacucli help`
	
	`Note: you can use the hpacucli command in a script`

Controller Commands	
Display (detailed)	`hpacucli> ctrl all show config` `hpacucli> ctrl all show config detail`
Status	`hpacucli> ctrl all show status`
Cache	`hpacucli> ctrl slot=0 modify dwc=disable` `hpacucli> ctrl slot=0 modify dwc=enable`

Rescan	`hpacucli> rescan`
	
	`Note: detects newly added devices since the last rescan`

Physical Drive Commands	

Display (detailed)	`hpacucli> ctrl slot=0 pd all show`
	`hpacucli> ctrl slot=0 pd 2:3 show detail`
	
	`Note: you can obtain the slot number by displaying the controller configuration (see above)`

Status	`hpacucli> ctrl slot=0 pd all show status` `hpacucli> ctrl slot=0 pd 2:3 show status`
Erase	`hpacucli> ctrl slot=0 pd 2:3 modify erase`
Blink disk LED	`hpacucli> ctrl slot=0 pd 2:3 modify led=on` `hpacucli> ctrl slot=0 pd 2:3 modify led=off`
Logical Drive Commands	
Display (detailed)	`hpacucli> ctrl slot=0 ld all show [detail]` `hpacucli> ctrl slot=0 ld 4 show [detail]`
Status	`hpacucli> ctrl slot=0 ld all show status` `hpacucli> ctrl slot=0 ld 4 show status`
Blink disk LED	`hpacucli> ctrl slot=0 ld 4 modify led=on` `hpacucli> ctrl slot=0 ld 4 modify led=off`
re-enabling failed drive	`hpacucli> ctrl slot=0 ld 4 modify reenable forced`

Create	`# logical drive - one disk`
	`hpacucli> ctrl slot=0 create type=ld drives=1:12 raid=0`
	
	`# logical drive - mirrored`
	`hpacucli> ctrl slot=0 create type=ld drives=1:13,1:14 size=300 raid=1`
	
	`# logical drive - raid 5`
	`hpacucli> ctrl slot=0 create type=ld drives=1:13,1:14,1:15,1:16,1:17 raid=5`
	
	`Note:`
	`drives - specific drives, all drives or unassigned drives`
	`size - size of the logical drive in MB`
	`raid - type of raid 0, 1 , 1+0 and 5`

Remove	`hpacucli> ctrl slot=0 ld 4 delete`
Expanding	`hpacucli> ctrl slot=0 ld 4 add drives=2:3`
Extending	`hpacucli> ctrl slot=0 ld 4 modify size=500 forced`

Spare	`hpacucli> ctrl slot=0 array all add spares=1:5,1:7`

From <http://www.datadisk.co.uk/html_docs/redhat/hpacucli.htm>

RHEL 5 -

Tuesday, March 8, 2022 12:29 PM

Conf for soe3 rhel5 only !

File /etc/sssd/sssd.conf
For that comment 3 lines :
#ldap_id_use_start_tls = true
#dns_discovery_domain = SE-GOT._sites.vcn.ds.volvo.net
#ldap_uri = _srv_,ldap://got.ad.volvo.net/
And add
ldap_uri = _srv_,ldaps://vcnldap.got.volvo.net
And restart sssd
service sssd restart

After ssh login with VCN account is ok

For servers in SZ not in (Volvo CI), we need to put an new rule like we do for ldap in each portfolio managed by UNIX :

- SysMGMT UNIX GOT
- SysMGMT UNIX LYON

As we discuss yesterday, before it was responsibility from OTD team to manage infrastructure Portfolio :
https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/UnixWiki/OnetimeNetworkHowto%20DICA%20for%20GOT%20UNIX.aspx

I think the best will be OTD/Operation take the lead on that point and re-affect the Role Dica admin to somes current OTD/Operation team member
Training can be done to give knowledge from current “DICA Admin” who move to Design.

I have seen in somes mails exchange that for now DC handle “DICA infrastructure request” ,
that a very bad design for me and it need to be corrected, they should handle only “DICA application request”

Emergency access issue

Tuesday, March 8, 2022 3:56 PM

```
[re7w07c@zlin1072 ~]$  dig _x-puppet._tcp._puppetprod.srv.volvo.com SRV | grep "^_x-puppet"
_x-puppet._tcp._puppetprod.srv.volvo.com. 269 IN SRV 0 100 8140 segotl1226.srv.volvo.com.
_x-puppet._tcp._puppetprod.srv.volvo.com. 269 IN SRV 0 100 8140 segotl1225.srv.volvo.com.
_x-puppet._tcp._puppetprod.srv.volvo.com. 269 IN SRV 0 100 8140 segotl2174.srv.volvo.com.
```

Also for dev (not sure about IPR

```
[re7w07c@zlin1072 ~]$   dig _x-puppet._tcp."_puppetdev.srv.volvo.com" SRV | grep "^_x-puppet"
_x-puppet._tcp._puppetdev.srv.volvo.com. 1682 IN SRV 0 100 8140 segotl1227.srv.volvo.com.
_x-puppet._tcp._puppetdev.srv.volvo.com. 1682 IN SRV 0 100 8140 segotl1228.srv.volvo.com.
```

We have to go on ZLIN scripts to see if also reference///

Techem

Thursday, July 20, 2023 3:11 PM

Techem Tomcat reboot
The below Linux command needs to be executed after patching:
#systemctl restart tomcat.service
prod

techl0400
techl0401
techl0402
techl0403
techl0412
techl0413
techl0414
techl0415
techl0389
rel
techl0085
techl0086
techl0082
test
techl0263
techl0266
techl0267
dev
techl0030
techl0031
techl5286
has context menu

Check swap consumed process in rhel 6

Tuesday, August 8, 2023 6:46 PM

For CentOS/RHEL 5 and 6

1. Run the TOP command: # top.
2. On your keyboard press the “f” key followed by “p” to add the Swap column, Hit enter.
3. Next, upper case “O” and finally “p” sort by swap, Hit enter.
4. Perform your review as needed and press “q” to exit top command.

User creation

Monday, August 21, 2023 2:15 PM

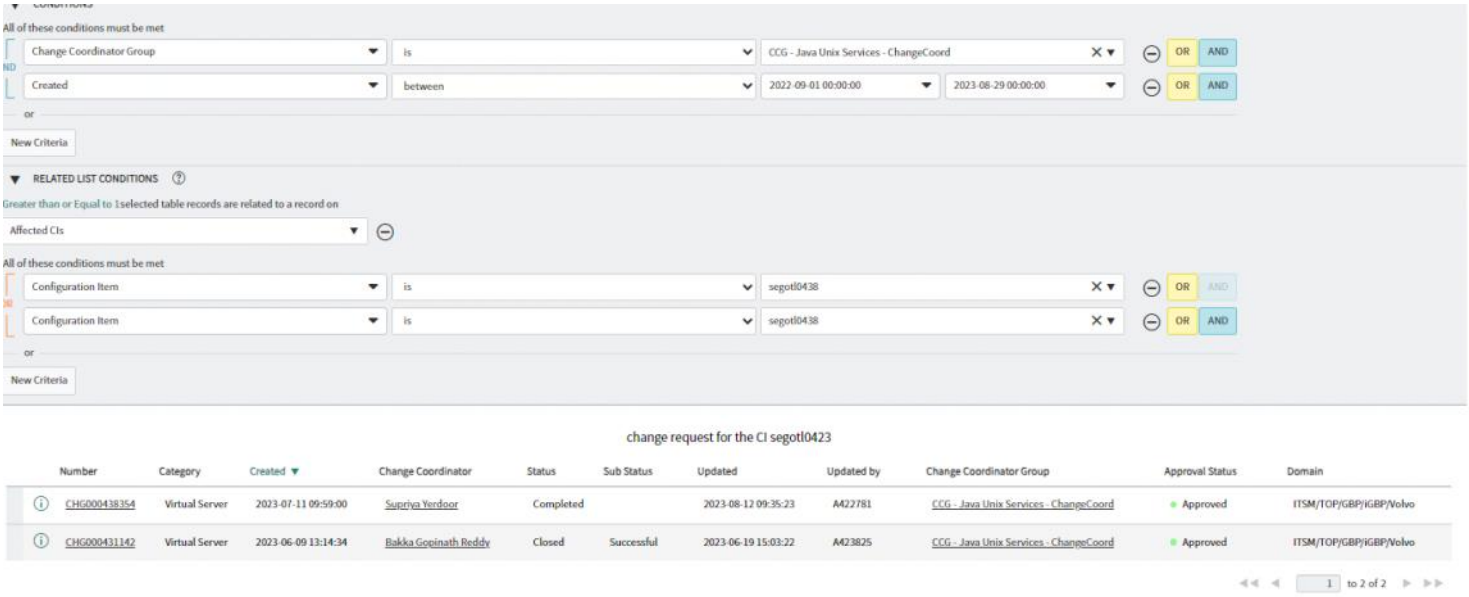
"To create a local account that will be automatically disabled after some days (let’s
Useradd --expirydate `date -d “7 days” +"%Y-%m-%d"` -u XXX -c “XXXXXXXXX” someusers

-e --expirydate is the parameter you must set.
Don’t forget to book the uid in uidapp1
Temporary root access through GUM for 7 days only.
Add public key in authorized_keys"

SNOW- Historical Ticket export

Tuesday, September 5, 2023 3:12 PM

https://itsmgbpeu.service-now.com/nav_to.do?uri=sys_report_template.do%3Fjvar_report_id%3D1a5b45401b09b190411dcb36464bcb4f



/dev/null

Thursday, November 16, 2023 4:33 PM

mknod-m 0666 /dev/null c 1 3
From <https://www.baeldung.com/linux/fix-missing-dev-null>

Remove duplicate package

Monday, March 18, 2024 10:29 PM

```
# tar cjf /tmp/rpm_db.tar.bz2 /var/lib/{rpm,yum}
# yum check &> /tmp/yumcheck
# grep "duplicate" /tmp/yumcheck | awk '{ print $NF }' | egrep -v "\:" > /tmp/duplicaterpms
# grep "duplicate" /tmp/yumcheck | awk '{ print $NF }' | egrep ":" | awk -F':' '{ print $NF }' >> /tmp/duplicaterpms
# for i in $(cat /tmp/duplicaterpms); do rpm -e --justdb --nodeps $i; done
# yum update
```

```
tcpdump -i any  dst 131.97.143.176  -w /tmp/tcpdump/${HOSTNAME}_`/bin/date '+%Y%m%d'`.pcap
```

```
#!/bin/bash
checkcmd=`nslookup eomer-a1.it.volvo.net |grep -v "#" |awk '/Name/ {print $2}'`
if [ $checkcmd != segotn13926-001.got.volvo.net ]
then
 echo "Nslookup is not working" | mail -s "Nslookup not working" naresh.deenadayalan@hcl.com
fi
```

```
#!/bin/bash
recipients="mohany@hcl.com naresh.deenadayalan@hcl.com nagaraj_a@hcl.com"
df=`diff /wp0701wm/soe3/was/data/PRDGOT07/config/cells/PRDGOT07security.xml
/wp0701wm/soe3/was/data/PRDGOT07/config/cells/PRDGOT07/security.xml_bkp`
if [[ $? -eq 0 ]]
then
  echo $"nothing"
else
  echo $df | mail -s "security.xml file is modified on server segotl0301" $recipients
fi
```

IIIIIBBBBBMMMMM

Tuesday, August 27, 2024 5:36 PM

I have completd 7 redhat coures to became a Redhat Architect. Bharathi city bcit - 8 9 -6 --> 1 - 8PM Jermin --> 2028 in market - 3 days - band 7
tecnical band starts from band 5

2,76000
14k
5k

295k
5% 35L - 1.5 between 3L every year

Joining Bounus - half 1st month , hald after 1 year - 5Lac - 5Lac --> 10L

next year ->

2830000

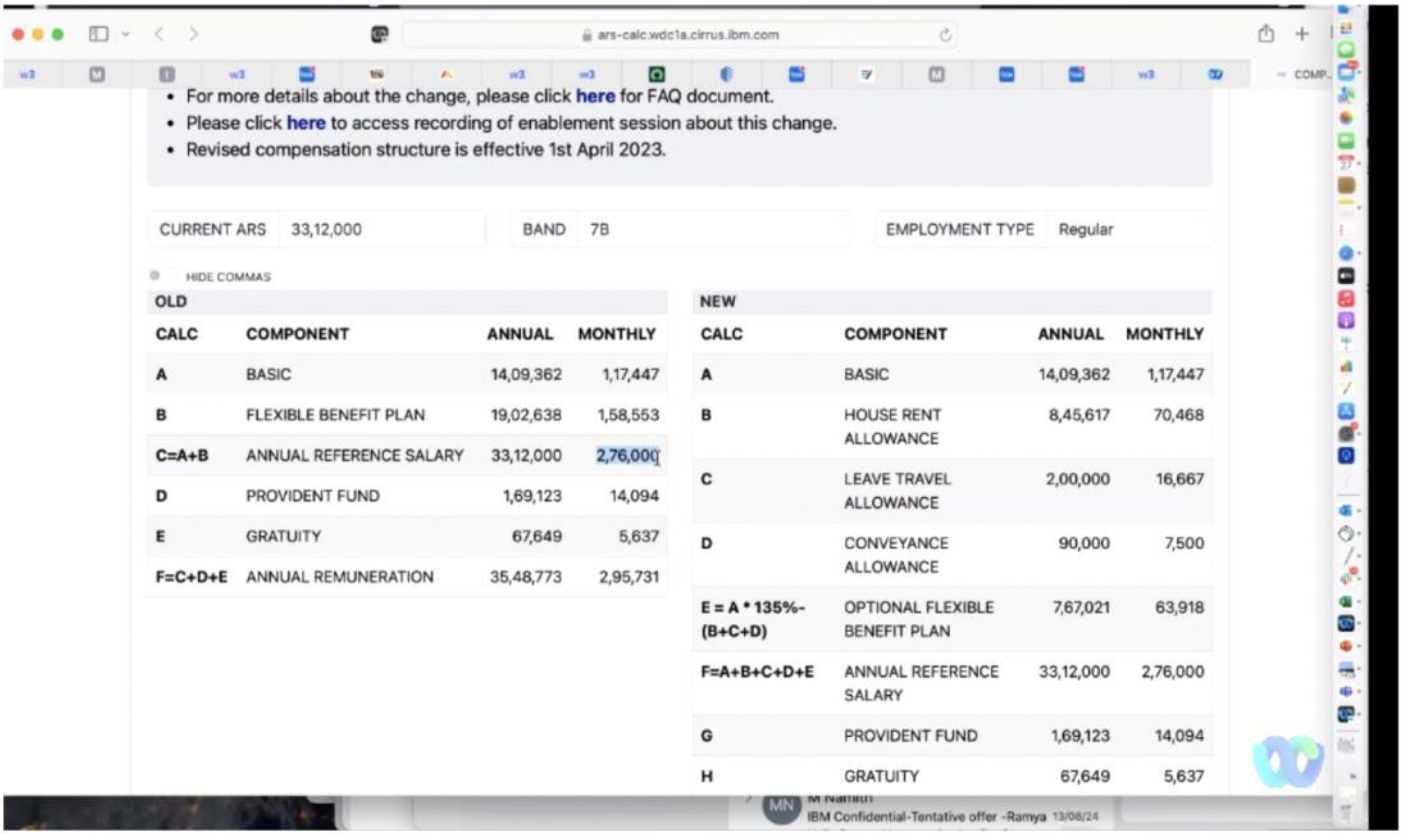
shaare market 20L - 5 lack draw 1:4th

winth in 1Month --> 2Month notice priod

Relocation --> car house hold -->

46L
Re 25k --> hotel service -->
onboarding -->

eco homes -->



z Performance Analyst
View job description
Your Role and Responsibilities

The Linux on IBM Z and LinuxONE Systems Performance team is responsible for designing, implementing, conducting, and analyzing stress workloads/benchmarks on IBM Z and LinuxONE to ensure meeting customer expectations from performance aspects.
As a Systems Performance analyst you are responsible for designing benchmark scenarios, implementing and tuning the workloads, conducting the workload measurements along with analyzing the performance data to guide Hardware, Operating System, and Software development teams on performance improvements. This role is collaborative within a global team of IBM.

Responsibilities:
Design benchmark and workload scenarios for Linux on Z and keep them current.
Implement benchmark and workload scenarios including setting up the underlying Linux operating system and IBM Z hardware configuration.
Develop and enhance tools used for data collection and data analysis.
Automate and conduct performance measurements and data collection for benchmark and workload scenarios.
Analyze the collected performance data to identify performance issues and bottlenecks
In a global team, work together on improving the systems performance across the stack (IBM Z Hardware, Linux Operating System, Middleware/Applications)

Work Note 2

Thursday, February 24, 2022 3:29 PM

hpacucli controller slot=1 show config
hpacucli controller slot=1 enclosure all show detail

```
#!/bin/bash
/usr/sbin/hpacucli ctrl all show detail |grep -i array |grep -v Embedded |awk '{print $6}' > /tmp/slot
for i in `cat /tmp/slot`; do /usr/sbin/hpacucli controller slot=$i  enclosure all show detail |egrep "Enclosure|Serial"; done
```

```
omreport storage controller |egrep "^ID|^Slot"
omreport storage enclosure controller=1 |egrep "Name|Service Tag"
```

Change the default kernel

Wednesday, July 13, 2022 12:27 PM

- To force a system to always use a particular menu entry, use the menu entry name as the key to the `GRUB_DEFAULT` directive in the `/etc/default/grub` file. To list the available menu entries, run the following command as root:
  Raw
  ```
  # awk -F\' /^menuentry/{print\$2} /etc/grub2.cfg
  Red Hat Enterprise Linux Server, with Linux 3.10.0-123.el7.x86_64                    <===
  Entry 0
  Red Hat Enterprise Linux Server, with Linux 3.10.0-123.9.2.el7.x86_64                <===
  Entry 1
  Red Hat Enterprise Linux Server, with Linux 3.10.0-123.6.3.el7.x86_64                <===
  Entry 2
  Red Hat Enterprise Linux Server, with Linux 0-rescue-b03fd2e1e769493994c88 b8da4257178   <===
  Entry 3
  ```
- GRUB 2 supports using a numeric value as the key for the `saved_entry` directive to change the default order in which the kernel or operating systems are loaded. To specify which kernel or operating system should be loaded first, pass its number to the `grub2-set-default` command. For example:

Raw
```
# grub2-set-default 1
```
- Check the below file to see the kernel which will be loaded at next boot, crosscheck the numeric value with the menuentry in the `/etc/default/grub` file.

Raw
```
# cat /boot/grub2/grubenv |grep saved
```
Eg:
Raw
```
# cat /boot/grub2/grubenv |grep saved
saved_entry=1
```
- Changes to `/etc/default/grub` require rebuilding the `grub.cfg` file as follows:
- Rebuild the `/boot/grub2/grub.cfg` file by running the grub2-mkconfig -o command as follows:
  - On BIOS-based machines: `~]# grub2-mkconfig -o /boot/grub2/grub.cfg`
  - On UEFI-based machines: `~]# grub2-mkconfig -o /boot/efi/EFI/redhat/grub.cfg`

From <https://access.redhat.com/solutions/3089>

awk -F\' /^menuentry/{print\$2} /etc/grub2.cfg
cat /boot/grub2/grubenv |grep saved
grub2-set-default 1
cat /boot/grub2/grubenv |grep saved
grub2-mkconfig -o /boot/grub2/grub.cfg
awk -F\' /^menuentry/{print\$2} /etc/grub2.cfg

Qualys - Proxy

Thursday, December 1, 2022 4:00 PM

\\vcn.ds.volvo.net\cli-sd\sd1074\043391\Report Archive\Volvo Reports\May 2024

root@frlyonl0213-n1# cat /etc/sysconfig/qualys-cloud-agent
https_proxy= httppxgot.srv.volvo.com:8080
root@frlyonl0213-n1#

shanmugam_ss@hcl.com
rajanalas@hcl.com

Gothenburg:
httppxgotdef.srv.volvo.com
Curitiba:
httppxctadef.srv.volvo.com
Saitama:
httppxsaitdef.srv.volvo.com
Lyon:
httppxlyondef.srv.volvo.com

vakanaga.sai@hcl.com from Proxy team

Issues

Wednesday, July 13, 2022 5:50 PM

```
Error: unknown connection '/etc/sysconfig/network-scripts/ifcfg-ens3'.
```

Resolution

- There are two ways to resolve the issue:
  - Remove `NM_CONTROLLED=no` option from ifcfg file.
  - Install `network-scripts` package to utilize the legacy `ifup` command.

Linux Health

Friday, April 8, 2022 2:52 PM

ps -eo pid,ppid,cmd,%mem,%cpu --sort=-%cpu | head 5
ps -eo pid,ppid,cmd,%mem,%cpu --sort=-%mem | head

echo ""$[100-$(vmstat 1 2|tail -1|awk '{print $15}')]"%" **- CPU**
echo ""$[100-$(vmstat 2 10|tail -1|awk '{print $15}')]"%" **- Mem**
free -t | awk 'FNR == 2 {printf("Current Memory Utilization is : %.2f%"), $3/$2*100}' - **Actual Memory utilization**

sar -r 2 5 |grep -i average |awk '{print $4}' **--> sar memrory % used**
free -m | grep Swap | awk '{print ($3/$2)*100}' **--> swap memory % used**

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22050101009>

The data represents the used/available memory and the swap memory figures in kilobytes.

total	Total installed memory
used	Memory currently in use by running processes (used= total – free – buff/cache)
free	Unused memory (free= total – used – buff/cache)
shared	Memory shared by multiple processes
buffers	Memory reserved by the OS to allocate as buffers when process need them
cached	Recently used files stored in RAM
buff/cache	Buffers + Cache
available	Estimation of how much memory is available for starting new applications, without swapping.

From <https://phoenixnap.com/kb/linux-commands-check-memory-usage>

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22040111413>

Zlin - AD sync

Monday, September 5, 2022 8:11 PM

/sudo/SudoAccessCtrl/bin/NotifyWrapperNEW.ksh

/sudo/SudoAccessCtrl/bin/copy_UUMfiles_to_policyserver GOT

/sudo/SudoAccessCtrl/bin/copy_UUMfiles_to_policyserver GOT LYON

root@zlin1072:/sudo/LocalNetGroups/ALL_ROLES# cat UNIX_SECADMIN_MEDIUM_USERS
a226389
a273966
a343912
a346317
a355034
a360535
a363339
a381058
a381059
a386426
a406006
a406008
a433555
a437582
a437586
A437587

chkconfig: 35 96 04
description: Systems Management Data Engine
frlyonl0234

root@frlyonl0234# rpm -qf /etc/rc.d/init.d/dataeng
srvadmin-deng-9.5.0-4063.16816.el7.x86_64
root@frlyonl0234# rpm -V srvadmin-deng
S.5....T. /etc/rc.d/init.d/dataeng

Following two lines used by chkconfig utility:
chkconfig: 35 96 04
description: Systems Management Data Engine

==========

Login line is for the access.conf
Host_Alias is for sudo rule

```
########### UNIX_SPLUNK_BASIC ##################################################################
# Login UNIX_SPLUNK_BASIC_USERS@ALL
#Ref : TASK001629027
# Created on : 05-06-2022
User_Alias UNIX_SPLUNK_BASIC_USERS = sync_AD
Host_Alias UNIX_SPLUNK_BASIC_NODES = ALL
```

Server adding --> Open zlin server and give 30 and enter 3 then add and run 20 , 21 that's it.

```
Enter choice > 30

  ---- Access Menu -- version 1.0 -- Mgmt Area: GOT --  User: D

  1.  List node(s) HostAccess groups
  2.  Search HostAccess group(s)

  3.  Add node(s) to HostAccess group(s)
  4.  Remove node(s) from HostAccess group(s)

  5.  Retire node(s) from all HostAccess group(s)

  ------------------------------------------------------------

   q.  Quit
Enter choice > 3
Which nodes(s) do you want to add in hostaccess groups (space separated):
blr-hpc4-i001
Which hostaccess group(s) should these node(s) be added to (space separated):
Ex: UNIX_SAPBASIS_HIGH_NODES UNIX_SAPBASIS_MEDIUM_NODES
UNIX_LIC_MEDIUM_NODES

Adding NODE(S):  blr-hpc4-i001
To GROUP(S):  UNIX_LIC_MEDIUM_NODES
press enter to continue
modify UNIX_LIC_MEDIUM_NODES_1
ldap_initialize( ldaps://segotn17423.vcn.ds.volvo.net:636/??base )
add nisNetgroupTriple:
      (blr-hpc4-i001,,vcn.ds.volvo.net)
modifying entry "cn=UNIX_LIC_MEDIUM_NODES_1,ou=Hosts,ou=Groups,ou=UNIX,ou=CS,dc=vcn,dc=ds,dc=volvo,dc=net"
modify complete

press enter to continue
```

Hiera

Wednesday, June 22, 2022 8:07 PM

git commit -i host_segotl2450.got.volvo.net.yaml --> for merge issue

Sync hiera with puppet master
ansible -mshell -b PUPPET3MASTERS -a '/usr/libexec/puppet_sync' -b

root@segotl4531# pwd
/var/orchestration/configgroups/parsed
root@segotl4531#

```
- name: Enable Red Hat repositories
 rhsm_repository:
 name:
 - rhel-8-for-x86_64-baseos-rpms
 - rhel-8-for-x86_64-baseos-debug-rpms
 state: present
```

Need to send an email to udiamoperations@hcl.com to create a new group and users in udtrucks.onmicrosoft.com for Azure portal access.

IDM user tool management

Puppet -5
git clone https://git.it.hclgss.com/repo/puppet/SJ/hieradata.git

git clone https://git.it.hclgss.com/repo/puppet/LEO/hieradata.git

git clone https://git.it.hclgss.com/repo/hieradata-hcl.git

Project
hieradata-hcl.git
puppet/DINEL/hieradata.git
puppet/HCLQA/hieradata.git
puppet/LEO/hieradata.git
puppet/SJ/hieradata.git
puppet/TECHEM/hieradata.git
puppet/VOLVIA/hieradata.git

segotl6014 - lcs01
segotl6230 - Git development Host

addon_oracle::lvm::app_vg01::disable: 'true'

addon_postgres::lvm::postgres_vg02::disable: 'true'

addon_oracle::lvm::oraclebin::size: '70G'
addon_oracle::lvm::oraclemisc::size: '120G'

sed 's/foo/bar/g

```
sed 's/ \+/,/g' /tmp/lastseen.out >/tmp/puppet3-server.csv

cat /tmp/puppet3-server.csv |rev|cut -c5- |rev > /tmp/puppet3-server.csv

Function.AssetControl-AI@volvo.com

>/dev/null 2>&1
0 0 1 * * /root/puppet-status.sh > /dev/null 2>&1
pm -qa


#!/bin/bash
today=$(date +%m-%d-%Y)
rm -f /tmp/lastseen.csv
rm -f /tmp/puppet5-server.csv
sed 's/ \+/,/g' /var/log/lastseen/lastseen.out >/tmp/lastseen.csv
cat /tmp/lastseen.csv |rev|cut -c5- |rev > /tmp/puppet5-server.csv
echo "Please find the attached puppet-5 status report" | mailx -a /tmp/puppet5-server.csv -s "GL10 Linux Puppet3 $today" naresh.deenadayalan@hcl.com
```

PING Monitoring

Thursday, June 30, 2022 12:10 PM

```
*/10 * * * *  ping -c 1 10.214.88.12 |grep icmp_seq | while read pong; do echo "$(date): $pong"; done  >> /var/log/heartbeat_IP.log

*/10 * * * *  date >>/var/log/printer_status.log; ftat -p  >> /var/log/printer_status.log
segotl3605-n1

root@segotl3605-n1# crontab -l
*/10 * * * *  date >>/var/log/printer_status.log; lpstat -p  >> /var/log/printer_status.log
*/10 * * * *  ping -c 1 194.71.120.2 |grep icmp_seq | while read pong; do echo "$(date): $pong"; done  >> /var/log/heartbeat_IP.log
*/10 * * * *  sh /root/printer_enable.sh >> /var/log/printer_enable_ifdisabled.log
root@segotl3605-n1# cat /root/printer_enable.sh
#!/bin/bash
NOW=`date "+%Y%m%d%H%M%S"`
lpstat -p|egrep   "DLX4_EU_P|DLX2_EU_P|DLX4_LDC_P|DLX4_EU_P2|DLX4_LDC_P2|DLX2_EU_P2"  | grep disabled
if [ echo $? -eq 0 ]
then
cupsenable DLX4_EU_P
cupsenable DLX2_EU_P
cupsenable DLX4_LDC_P
cupsenable DLX4_EU_P2
cupsenable DLX4_LDC_P2
cupsenable DLX2_EU_P2
fi
root@segotl3605-n1#


root@segotl3605-n1# cat /etc/logrotate.d/printer-status
/var/log/printer_status.log {
   rotate 10
   size 10M
   weekly
   missingok
   notifempty
   compress
   delaycompress
   copytruncate
   create 0600 root root
}



*/10 * * * *  ping -c 1 10.214.88.6 |grep icmp_seq | while read pong; do echo "$(date): $pong"; done  >> /var/log/heartbeat_IP.log

  415  2022-06-29 09:04:44 cp /tmp/ha-resourcemon.sh /root/
  416  2022-06-29 09:04:55 chmod +x /root/ha-resourcemon.sh
  417  2022-06-29 09:04:59 ls -l /root/ha-resourcemon.sh
  418  2022-06-29 09:05:01 df -THP
  419  2022-06-29 09:05:02 vgs
  420  2022-06-29 09:05:25 lvcreate -n haclusterlv -L 100G rootvg
  421  2022-06-29 09:05:37 mkfs.xfs /dev/rootvg/haclusterlv
  422  2022-06-29 09:05:48 mkdir /haclusterlog
  423  2022-06-29 09:05:59 mount /dev/rootvg/haclusterlv /haclusterlog
  424  2022-06-29 09:06:46 crontab -e


root@frbourl0012-n1# cat /etc/logrotate.d/heartbeatIP
/var/log/heartbeat_IP.log {
```

```
    rotate 2
    size 10M
    weekly
    missingok
    notifempty
    compress
    delaycompress
    copytruncate
    create 0600 root root
}
```

```
10.212.52.51    frblail0017-n1-cl
10.212.52.52    frblail0017-n2-cl
```

==========

Adding new disk to create new lv for storing ha-resourcemon.sh scipt data

==========

1.) Scan new disk.
2.) Creates the physical volumes on new disk **/dev/sdx**
3.) Create the volume group and add partition into volume group on new disk **/dev/sdx**
4.) Create a new logical volume using lvcreate -n lvname -L 40G vgname
5.) mkfs.ext4 /dev/vgname/lvname
6.) create mount point to mount lv to it.
7.) mount lv to mount point.
8.) update fstab file.
9.) Now you can use this lv to store data by ha-resourcemon.sh script.

Creating lv on existing vg:

==========

10.) lvcreate -n lvname -L 40G existing vgname
11.) mkfs.ext4 /dev/vgname/lvname
12.) create mount point for mounting lv to it
13.) mount lv to mount point
14.) update fstab file.
15.) Now you can use this lv to store data by ha-resourcemon.sh script.

Seating ha-resourcemon.sh:

==========

16.) Copy script from segotl4779-n2 to target system.
17.) /root/ha-resourcemon.sh
18.) Update nic details as per your cluster settings, if NIC teaming is configured then give all nic names configured in teaming on system.

```
root@segotl4779-n2# grep  ifaces /root/ha-resourcemon.sh
ifaces="em1 p3p1 em4 p3p2 p4p1 p4p2"
```

```
root@segotl4779-n2# grep Interface /proc/net/bonding/bond0
Slave Interface: em1
Slave Interface: p3p1
root@segotl4779-n2#


root@segotl4779-n2# grep Interface /proc/net/bonding/bond1
Slave Interface: em4
Slave Interface: p3p2
root@segotl4779-n2#

root@segotl4779-n2# grep Interface /proc/net/bonding/bond2
Slave Interface: p4p1
Slave Interface: p4p2
root@segotl4779-n2#
```

setting cron for ha-resourcemon.sh:

```
* * * * * /bin/bash  /root/ha-resourcemon.sh 20 181 /root/logdata/ 2
```

Each run consume 30M to 50M, as we need to collect data at least for two days then target host should have sufficient free disks space available for keeping logs for two days. and following files will be created.

```
root@segotl4779-n2# du -sh logdata/
30M     logdata/
```

From <https://hclo365-my.sharepoint.com/personal/naresh_deenadayalan_hcl_com/Documents/Documents/Procedure_ha-resourcemon_setup.doc.docx>

High Load

Tuesday, October 25, 2022 2:58 PM

Capplan

Monday, July 4, 2022 6:36 PM

/etc/capplanclient/capplanclient.sshkey
https://gitux.srv.volvo.com/git/?p=lcs-fileserver-pup5.git;a=blob_plain;f=capplanclient/capplanclient.sshkey;hb=HEAD

/etc/inventoryclient/inventoryclient.sshkey
https://gitux.srv.volvo.com/git/?p=lcs-fileserver-pup5.git;a=blob_plain;f=inventoryclient/inventoryclient_rsa.sshkey;hb=HEAD

Error:

```
+ chmod 644 /tmp/2023.05.04.07.30.13.segoth0072.got.volvo.net.tar
+ '[' -x /usr/libexec/capplanclient/capplanclient-sendfiles ']'
+ /usr/libexec/capplanclient/capplanclient-sendfiles /tmp/2023.05.04.07.30.13.segoth0072.got.volvo.net.tar
/etc/capplanclient/capplanclient.defaults
lost connection
scp 2023.04.26.14.05.25.segoth0072.got.volvo.net.tar : failed. Retrying later.
+ '[' 0 -eq 0 ']'
+ cd /var/spool/capplanclient/data
+ '[' 0 -eq 0 ']'
```

CIFS share

Tuesday, July 5, 2022 4:04 PM

mount -t cifs //stdstraccontsapmedia.file.core.windows.net/sapmedia /mnt/sapmedia -o credentials=/etc/smbcredentials/stdstraccontsapmedia.cred,dir_mode=0777,file_mode=0777,serverino,nosharesock,actimeo=30,uid=20567,gid=201

mount -t cifs -o username=cs-ws-s-test_udadmin,file_mode=0777,dir_mode=0777 //udagos1007.udcn.udtrucks.net/udagon0148_dsfs_1001_q1001m /pubtemp

//udagos1007.udcn.udtrucks.net/udagon0148_dsfs_1001_q1001m /pubtemp cifs credentials=/etc/windows-credential,forceuid,forcegid,dir_mode=0774,file_mode=0774 0 0

//10.181.40.232:/udagon0278_dsfs_1001_q1001m /pubtemp cifs credentials=/etc/windows-credential,forceuid,forcegid,dir_mode=0774,file_mode=0774 0 0

username=cs-ws-s-test_udadmin
password=R@NG123@#123

root@udagol2046# grep -i cifs /etc/fstab
#\\udagos1006.udcn.udtrucks.net\udago12046_dsfs_1001_q1001m$ /pubtemp cifs rw,dir_mode=0777,file_mode=0777,credentials=/pubtemp 0 0
//udagos1006.udcn.udtrucks.net/udago12046_dsfs_1001_q1001m$ /pubtemp cifs credentials=/etc/windows-credential,forceuid,forcegid,dir_mode=0774,file_mode=0774 0 0
root@udagol2046#

//udagos1006.udcn.udtrucks.net/udagon0278_dsfs_1001_q1001m /pubtemp cifs credentials=/etc/windows-credential,forceuid,forcegid,dir_mode=0774,file_mode=0774 0 0

CIFS PORT NUMBERS:

- Open all necessary ports for CIFS at the server side or intermediate firewall.
  Raw

Service Name	UDP	TCP
Browsing datagram responses of NetBIOS over TCP/IP	138	
Browsing requests of NetBIOS over TCP/IP	137	
Client/Server Communication		135
Common Internet File System (CIFS)	445	139, 445

From <https://access.redhat.com/solutions/3258581>

How to resize a LUN device resized storage side

Wednesday, September 21, 2022 6:01 PM

1) Let's identify which device we are talkin about
multipath -ll (in my case I saw mpatha mapped on 4 paths, sdb – sdc – sdd – sde
2) Let's scan each path
for i in sdb sdc sdd sde; do echo 1 > /sys/block/$i/device/rescan; done
3) Let's check the new dimension of the paths
dmesg -T
4) Let's resize the LUN (in my case the device was /dev/mapper/mpatha)
multipathd resize map mpatha
5) Let's check the size of the multipath device
multipath -ll
6) Let's resize the physical volume
pvresize /dev/mapper/mpatha
7) Let's verify the new space
#pvs
#vgs
8) Let's look for the mounted filesystem to resize
df -h | grep filesystem_name
9) Resize LVM + filesystem (be careful to the options!!)
lvextend -r -l +100%free LVM

AD- segotl5211

Wednesday, October 12, 2022 2:44 PM

```
$ getent hosts vcnldap.got.volvo.net
131.97.132.200  vcnldap.got.volvo.net

$ getent hosts got.ad.volvo.net
131.97.140.4    got.ad.volvo.net
131.97.140.5    got.ad.volvo.net
131.97.143.21   got.ad.volvo.net

$ getent hosts lyon.ad.volvo.net
194.4.84.1      lyon.ad.volvo.net
194.4.84.3      lyon.ad.volvo.net


/usr/bin/ldapservers_from_srv_domain.ksh SE-GOT._sites.vcn.ds.volvo.net

root@segotl5211#  /usr/bin/ldapservers_from_srv_domain.ksh FR-LYON._sites.vcn.ds.volvo.net
frlyonn538.vcn.ds.volvo.net
FRLYONN537.vcn.ds.volvo.net
root@segotl5211# /usr/bin/ldapservers_from_srv_domain.ksh SE-GOT._sites.vcn.ds.volvo.net
VIch
SEGOTN005.vcn.ds.volvo.net
segotn036.vcn.ds.volvo.net
segotn035.vcn.ds.volvo.net

root@segotl5211# getent hosts SEGOTN005.vcn.ds.volvo.net segotn006.vcn.ds.volvo.net segotn035.vcn.ds.volvo.net
segotn036.vcn.ds.volvo.net
131.97.140.5    segotn005.vcn.ds.volvo.net
131.97.143.4    segotn006.vcn.ds.volvo.net
131.97.140.4    segotn035.vcn.ds.volvo.net
131.97.143.21   segotn036.vcn.ds.volvo.net

root@segotl5211# /usr/bin/ldapsearch -H ldap://segotn035.vcn.ds.volvo.net -D 'vcn\cs-ws-s-unixbind' -w 'f7br9Frac2eFEhE' -x -b
ou='unix,ou=cs,dc=vcn,dc=ds,dc=volvo,dc=net' '(&(nisNetgroupTriple=*segotl5211*)(objectclass=nisNetgroup))' cn | grep cn:
cn: UXCONF_SUPPORTLEVEL_STANDARD_NODES_3
cn: UXCONF_ROLLOUTENV_QA_NODES_1
cn: UXCONF_ITMWORLD_ITM2_NODES_4
cn: UXCONF_SITE_GOT_NODES_10
cn: UXCONF_DEVICETYPE_SERVER_NODES_12
cn: UXCONF_SZ_CSN_NODES_3
cn: UXCONF_CUSTOMER_VOLVO_NODES_10
cn: UXCONF_BASE_LCS02_NODES_12
cn: UXCONF_UUMA_GOT_NODES_5
cn: UNIX_ECM_HIGH_NODES_1
root@segotl5211# /usr/bin/ldapsearch -H ldap://segotn006.vcn.ds.volvo.net -D 'vcn\cs-ws-s-unixbind' -w 'f7br9Frac2eFEhE' -x -b
ou='unix,ou=cs,dc=vcn,dc=ds,dc=volvo,dc=net' '(&(nisNetgroupTriple=*segotl5211*)(objectclass=nisNetgroup))' cn | grep cn:
cn: UXCONF_SUPPORTLEVEL_STANDARD_NODES_3
cn: UXCONF_ROLLOUTENV_QA_NODES_1
cn: UXCONF_ITMWORLD_ITM2_NODES_4
cn: UXCONF_SITE_GOT_NODES_10
cn: UXCONF_DEVICETYPE_SERVER_NODES_12
cn: UXCONF_SZ_CSN_NODES_3
cn: UXCONF_CUSTOMER_VOLVO_NODES_10
cn: UXCONF_BASE_LCS02_NODES_12
```

```
cn: UXCONF_UUMA_GOT_NODES_5
cn: UNIX_ECM_HIGH_NODES_1
root@segotl5211#
```

```
nslookup -type=srv _ldap._tcp.SE-GOT._sites.vcn.ds.volvo.net
```

Root Access

Wednesday, June 8, 2022 12:21 PM

Temporary root access can be provided only for 7 days. If user need access for more than 7 days, that needs an exception. Please follow the KB article KB000053212.

@Sankar Nimmagadda: I can see that the incident is with you, take this forward and take action asap.

Short Temporary ROOT access (Limited 1 Week)

- Raise a SNOW Incident to JAVA AHS UNIX with SRM and DM approvals attached – Agreeing to below mentioned parameters.
- There should be change process for all the changes they do during the ROOT Privileges duration

Long term Temporary ROOT access

- Must and Mandate to secure IT Exemption request that is Approved from IT Security and addressing to Infra SDL.

Permanent ROOT Access

- Strictly Prohibited

Agree on these Don't 's and Do's point'

DON'T's	
Restarting or Shutdown of the server	
Creation of Local Users and Group ID	
Installing Non approved 3rd party application's	
Change of Permissions for Files and Folder that are binded on OS ROOT folder.	
Changing ROOT managed Configurations	
Additions of Resources without Platform team acknowledgment	
DO's	
Follow the Change Process for Business Approved Software Installations or Application configurations Changes	
Connect to Platform team for Planning Activities , like Restart of server	

Postgres - rhel 8

Wednesday, November 9, 2022 2:42 PM

dnf module disable postgresql

dnf module list disable postgresql
yum module disable postgresql

this is inbuilt module of rhel 8

Ansible playbook

Friday, February 25, 2022 6:15 PM

```
[a312324@segotl2945 .ansible]$ cat yml/log4jfind.yml
- name: Transfer and execute a script.
hosts: all
tasks:
- name: Set python version 3 for rhel8
set_fact:
ansible_python_interpreter: /usr/bin/python3
when: hostvars[inventory_hostname].ansible_distribution_major_version in ['8']

- name: Copy and Execute the script
script: /home/a312324/.ansible/log4j_findings_unix.sh
async: 300

- name: Verification
shell: ls -ltrh /usr/local/qualys/cloud-agent/log4j_findings*
register: files_to_list
- debug:
var: files_to_list.stdout_lines
```

Ldap: got.ad.volvo.net

Monday, October 3, 2022 9:11 PM

"ageo.yaml","ageo.ad.volvo.net|got.ad.volvo.net"
"arv.yaml","got.ad.volvo.net"
"atn.yaml","gso.ad.volvo.net|got.ad.volvo.net"
"bell.yaml","lyon.ad.volvo.net|got.ad.volvo.net"
"blai.yaml","lyon.ad.volvo.net|got.ad.volvo.net"
"blr.yaml","ageo.ad.volvo.net|got.ad.volvo.net"
"bne.yaml","ageo.ad.volvo.net|got.ad.volvo.net"
"bour.yaml","lyon.ad.volvo.net|got.ad.volvo.net"
"bra.yaml","got.ad.volvo.net"
"bue.yaml","cta.ad.volvo.net|gso.ad.volvo.net|got.ad.volvo.net"
"can.yaml","gso.ad.volvo.net|got.ad.volvo.net"
"cha.yaml","ageo.ad.volvo.net|got.ad.volvo.net"
"chp.yaml","gso.ad.volvo.net|got.ad.volvo.net"
"cta.yaml","cta.ad.volvo.net|gso.ad.volvo.net|got.ad.volvo.net"
"esk.yaml","got.ad.volvo.net"
"euw1.yaml","wwglbn11006.vcn.ds.volvo.net|wwglbn11007.vcn.ds.volvo.net|got.ad.volvo.net"
"gbmow.yaml","got.ad.volvo.net"
"gent.yaml","got.ad.volvo.net"
"got.yaml","got.ad.volvo.net"
"gso.yaml","gso.ad.volvo.net|got.ad.volvo.net"
"hml.yaml","got.ad.volvo.net"
"hos.yaml","ageo.ad.volvo.net|got.ad.volvo.net"
"ire.yaml","got.ad.volvo.net"
"ist.yaml","got.ad.volvo.net"
"jina.yaml","cnjinan008.vcn.ds.volvo.net|got.ad.volvo.net"
"kalu.yaml","got.ad.volvo.net"
"kon.yaml","got.ad.volvo.net"
"limo.yaml","lyon.ad.volvo.net|got.ad.volvo.net"
"lyon.yaml","lyon.ad.volvo.net|got.ad.volvo.net"
"mac.yaml","gso.ad.volvo.net|got.ad.volvo.net"
"mex.yaml","gso.ad.volvo.net|got.ad.volvo.net"
"mhp.yaml","lyon.ad.volvo.net|got.ad.volvo.net"
"mlm.yaml","got.ad.volvo.net"
"nj.yaml","gso.ad.volvo.net|got.ad.volvo.net"
"sato.yaml","lyon.ad.volvo.net|got.ad.volvo.net"
"sde.yaml","got.ad.volvo.net"
"sfl.yaml","got.ad.volvo.net"
"sha.yaml","ageo.ad.volvo.net|got.ad.volvo.net"
"snr.yaml","lyon.ad.volvo.net|got.ad.volvo.net"
"steu.yaml","gso.ad.volvo.net|got.ad.volvo.net"
"sto.yaml","got.ad.volvo.net"
"syd.yaml","ageo.ad.volvo.net|got.ad.volvo.net"
"template.yaml","my1ldap.ad.volvo.net|my2ldap.ad.volvo.net"
"tla.yaml","mxtlan006.vcn.ds.volvo.net|gso.ad.volvo.net|got.ad.volvo.net"
"tsn.yaml","got.ad.volvo.net"
"udv.yaml","got.ad.volvo.net"
"ume.yaml","got.ad.volvo.net"
"volvoazeuw.yaml","wwglbn11010.vcn.ds.volvo.net|wwglbn11011.vcn.ds.volvo.net|got.ad.volvo.net"
"war.yaml","got.ad.volvo.net"
"wcl.yaml","ageo.ad.volvo.net|got.ad.volvo.net"
"wro.yaml","got.ad.volvo.net"
"wsn.yaml","gso.ad.volvo.net|got.ad.volvo.net"

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22090400712>

Banner

Tuesday, October 4, 2022 7:32 PM

```
[a330505x@udcn.udtrucks.net@udgotl2012 ~]$ sudo su -

We trust you have received the usual lecture from the local System
Administrator. It usually boils down to these three things:

    #1) Respect the privacy of others.
    #2) Think before you type.
    #3) With great power comes great responsibility.
```

IDRAC IP Info

Tuesday, June 28, 2022 7:20 PM

```
  518  2022-06-28 23:48:53 racadm getniccfg
  519  2022-06-28 23:50:06 racadm getsysinfo
  520  2022-06-28 23:50:33 history
root@auwcll0005#
```

ITM -Kuma620

Monday, February 28, 2022 11:33 AM

Edit um.ini file located in /usr/libexec/itm/config
Set the variable or append this entry
KUMA_DCH_HOST=127.0.0.1
into um.ini file and restart ITM agent.

Host key verification failed.

Tuesday, July 18, 2023 1:42 PM

Host key verification failed.

Remove the key in the .ssh/known_hosts
Try manual scp
Then through script

unknown user 22372
Check the /etc/passwd file permission

Remove the temporary root access

Monday, January 8, 2024 9:58 PM

Login to Zlin server
Cd /sudo/SudoAccessCtrl/workfiles/GOT/ExpireRulesFiles/
Grep -i pdmadmin *
549 rm -f sudoers_temp_rule_expires_2023-12-28_2024-01-29_16313330502 sudoers_temp_rule_expires_2024-01-02_2024-02-05_0928422326
550 grep -i pdmadmin *
551 rm -f access_temp_rule_expires_2023-12-28_2024-01-29_17114116938 sudoers_temp_rule_expires_2023-12-28_2024-01-29_16313312686
_tmp.difflog sudoers_temp_rule_expires_2024-01-02_2024-02-05_0928426991_tmp.difflog
552 grep -i pdmadmin *
553 rm -f access_temp_rule_expires_2023-12-28_2024-01-29_17114125964_tmp.difflog
554 grep -i pdmadmin *
555 cd /sudo/SudoAccessCtrl/
556 ./Authapp.ksh GOT
Rebuild and distribute

NMON -

Monday, January 8, 2024 10:01 PM

nslookup soeunix-capplan.srv.volvo.com

nc -vz 153.112.5.123 2222

sh -x /opt/nmon/nmon_data_transport.sh soetrans@soeunix-capplan.srv.volvo.com

scp -v -P 2222 -B -2 -o PasswordAuthentication=no -o StrictHostKeyChecking=no -i /opt/nmon/nmon.sshkey /var/log/nmon/cntsnl0155-n2_240107_0005.nmon
soetrans@soeunix-capplan.srv.volvo.com

root@cntsnl0155-n2# ssh-keygen -l -f /opt/nmon/nmon.sshkey
3072 SHA256:DSv9g1Ya/KZdNy9G8fnkp62Q3lnTtr5OoKzDo70XtFQ root@segotl0655 (RSA)
root@cntsnl0155-n2#

vim /opt/nmon/nmon.sshkey

-----BEGIN OPENSSH PRIVATE KEY-----
b3BlbnNzaC1rZXktdjEAAAAABG5vbmUAAAAEbm9uZQAAAAAAAAABAAABlwAAAAdzc2gtcn
NhAAAAAwEAAQAAAYEAyoA0qnJHr6h37Sx5XctPFiBw44oX2jqc8lElbm611GCEs/OyRgRI
25QvVCEg+Oj7EwrEJPu6vqtXCAxVCEYlHUypHtLp5Vsl7nNRtBpwwmFutswTDn3XeFWYrC
racc1QtSb5n9q0AHAtrFQUaeD2NIFRNXp6g7XITl2Uc0suVN4MiF99pGSGMX3QYtWIGVTT
dnWijl2tgZG0Zg9ihe2lZ+iDC6a8PvZ8y9ZMUc5qVOxouTGjrjkKi7RpHdNotQzCIRsFdK
UCykOfsE+nt/+CbcCz6L6CwGYjo17mT3nI00ATzgpobfyHVW5LFugY2AaaeuQlwW+pCLGX
Mn+RGKuQT26jkT1nk2hHEL0vYTfaERJWaNKmGL7Nw8KltoKibFyA2Nd30ikDpUsljOT4zy
2DmQx4PkncewxCJ7uPAgV79qljctpQtwnY1e4/KZIyDcuxDU//naL9/nVkuZtfh66+61Hz
fPQ97Qzo7dOZYky+/kIwBODfbQAcTdV7ZKqXXlj7AAAFiAFQKYcBUCmHAAAAB3NzaC1yc2
EAAAGBAMqANKpyR6+od+0seV3LTxYgcOOKF9o6nPCBJW5utdRghLPzskYESNuUL1QhIPjo
+xMKxCT7ur6rVwgMVQhGJR1MqR7S6eVbJe5zUbQacMJhbrbMEw5913hVmKwq2nHNULUm+Z
/atABwLaxUFGng9jSBUTV6eoO1yE5dlHNLLlTeDIhffaRkhjF90GLViBlU03Z1oo5drYGR
tGYPYoXtpWfogwumvD72fMvWTFHOalTsaLkxo645Cou0aR3TaLUMwiEbBXSlAspDn7BPp7
f/gm3As+i+gsBmI6Ne5k95yNNAE84KaG38h1VuSxboGNgGmnrkJcFvqQixlzJ/kRirkE9u
o5E9Z5NoRxC9L2E32hESVmjSphi+zcPCpbaComxcgNjXd9IpA6VLJYzk+M8tg5kMeD5J3H
sMQie7jwIFe/apY3LaULcJ2NXuPymSMg3LsQ1P/52i/f51ZLmbX4euvutR83z0Pe0M6O3T
mWJMvv5CMATg320AHE3Ve2Sql15Y+wAAAAMBAAEAAAGBAMmmrctmDfjgfLxT43ABe3n/SC
tuYp5Qa+Qb1xiHas5YZw2ECe0raxouEItoihsUdqHZwMVLYAVrPjmnfi3FHER3CJrHUV+y
Sq2PbLc69Tq8J7Ikun1d12nfYy9fZTSaTlp2u3HyKfmdu/21pLZi7QoQFLx6gPIT3aocCi
5dmX+ttzE+VjGUYQV70j35gZQoIoP+VKgMpTE31Tsk6umPY317zrOVkDPq5Q9fEZUNRlnX
Kdnxkpt19gh02ZB36/cPAaQaIJU0jDGsU/eZrSgS21HPa4CPZgQif5NoklJc/BxNdxUvXS
UKI3xbWSgG00w3I6v30Lm/A9ZGMKczDqms2d2r9/9omeRYtQlk8dQ3aXiaNGKF/wpz2K3P
OF+BLz+FCpCE0E0tSvtxcCPhKXyTQ707pa88sfXidNyhX6NOPWi9XP79prXCJs/8/RI/zE
YyZbTl0KCmx68xMXCAOXb/HoDp0WIVT0sxMK0Ik+Go4RXZVVm/gXjuNKTCWbZEzQF9AQAA
AMEAziMf6j6rF4vMMgqoNGkrJVJCcrXajVJ+7oDuIYnWdQeytNHGImFlVEP4fY04IubjQA
TamdvnAadbiv+qhYq6+LxNf/PSp5y8thg/6BaqrBEmQIj8NyofqktelR+X/ao4cKyUuW77
U6S1HksxHHFaX4AzDBw43MYiDOSY2QQ/vHRMs/lOiKsTU+qJgwp1nvnyscE1xobpGrB5Nx
j29yU7iAbxHo/nv1Jge+cO2knCdj2OXwb9IcDqPAW+eqwaR5MwAAAAwQDxMHcYVHp2h7FL
JqOtrxUsUHn0AqD+mSBmo3+U/HTvEigabgXVHxAG38y64QI9x5j5eOKMB0B+HVPovpejrs
w6Y93jKQzKzWJK5BQG28CXQU4l1ALlUW8n0G6xVbGPYyUTK7OV3+17bAH3WMonYayvfloC
qECIkm7D8//oPD1azk+2/F9FeD48O5XNkbOJdBTFEFTXB2rURtSlUj4bCp/L6XPtbvaGdC
ss5FRAj1aSJKWr9KkmVATuGC5wHMz0ScEAAADBANbvjQWMiSZk4ZWFIeB/qGoW/yPNW+L8
A9V2uX4jbTH5nFQBnJyOId6d2Uf3or0x+avtRap598CSBfa6Zo8HH6CAM7J0cFK2HIVqKW
I3RF21RY/gi22IrLPf7UOCGUGAqoJiXtvKNjVvGBPqIdhZDb291mPaR2dokCq+RuXTwSSW
psLgzMzwiaNnP5WNOJ2H5g/r24xXzkt/V+h4kjwppopQma+U5r6kfnb42nlYaZSge0u7PK
MLR656lRMf/6C5uwAAAA9yb290QHNlZ290bDA2NTUBAg==
-----END OPENSSH PRIVATE KEY-----

scp -v -P 2222 -B -2 -o PasswordAuthentication=no -o StrictHostKeyChecking=no -i /opt/nmon/nmon.sshkey /var/log/nmon/cntsnl0155-n2_240107_0005.nmon
soetrans@soeunix-capplan.srv.volvo.com:

RHEV - VM restore

Tuesday, January 9, 2024 8:56 PM

Taken RHEV snapshot
Taken Backup of current OS DISK ID directory on host segotk**** - Original Path
and the deactivated the OS disk from RHEV end
restored the yesterday snap of OS DISK ID Directory to original path
once restored, just powered on the VM

You (db2t101) are not allowed to access to (crontab) because of pam configuration.

Monday, July 29, 2024 12:42 PM

User home directory permission is the issue

/etc/shadow - file user entry should be there

Physical core

Wednesday, July 31, 2024 11:53 AM

```
lscpu -b -p=Core,Socket | grep -v '^#' | sort -u | wc -l
```

```
root@frlyonl0213-n1# lscpu |grep -i soc
Core(s) per socket:    4
Socket(s):             2
root@frlyonl0213-n1# lscpu -b -p=Core,Socket | grep -v '^#' | sort -u | wc -l
8
root@frlyonl0213-n1#
```

Here, the ***CPU(s)*** **value indicates the number of logical cores**, which is equal to *8* in our output.

The **number of logical cores is equal to** ***"Thread(s) per core"*** **×** ***"Core(s) per socket"*** **×** ***"Socket(s)"*** and the number of **physical cores on a machine equals** ***"Core(s) per socket"*** **×** ***"Socket(s)"***.

Based on the above output, we can infer that our machine has *4* physical cores, and since hyperthreading is enabled (*"Thread(s) per core"* equals *2*), we get *8* logical cores.

Wednesday, November 10, 2021 9:55 AM

TO allow ftp for larger size
root@brctax034# setsebool -P ftpd_use_passive_mode on
root@brctax034# setsebool -P ftpd_connect_all_unreserved on

setsebool -P allow_ftpd_full_access on
semanage fcontext -a -t public_content_rw_t "/stgftp/pub(/.*)?"

3. Apart from this, I have noticed below errors on 21st November on both the nodes -
"kernel: [18329002.820533] NMI watchdog: BUG: soft lockup - CPU#12 stuck for 65s! [PC1_03_DIA_W31:14884]"

Getting a softlockup on a virtual machine is commonly a result of hypervisor not scheduling virtual CPUs in timely manner.

segotn12961.Rds.volvo.com [153.112.17.39]
segotn12962.Rds.volvo.com [153.112.17.40]
segotn15174.Rds.volvo.com [153.112.17.190]

VCN

\\segotl1932.srv.volvo.com\homes
\\segotl4991.srv.vo

net -d 10 ads join -S usgson1192.vcn.ds.volvo.net -U a334645 'createcomputer=VFS/VCF/Servers/Atypical/UNIX'

Can't get lock for

Friday, May 5, 2023 2:02 PM

```
[root@udgotl2069 ~]# pvs
^C  Interrupted...
  Giving up waiting for lock.
  Can't get lock for vg_oracle_data1.
  Cannot process volume group vg_oracle_data1


[root@udgotl2069 ~]# ls -l /var/lock/lvm/
total 0
-rwx------. 1 root dba  0 Apr 22 06:05 P_global
-rwx------. 1 root root 0 Apr 22 06:04 V_vg_oracle_data1
[root@udgotl2069 ~]#

[root@udgotl2069 lvm]# rm V_vg_oracle_data1
rm: remove regular empty file 'V_vg_oracle_data1'? y
[root@udgotl2069 lvm]#
```

Env file java

Friday, February 24, 2023 12:29 PM

```
root@usgsol0206# cat javascript.sh
export JAVA_HOME=/usr/lib/jvm/java
export JRE_HOME=$JAVA_HOME/jre
export PATH=$PATH:$JAVA_HOME/bin
export CLASSPATH=$JAVA_HOME/lib
export PATH USER LOGNAME MAIL HOSTNAME HISTSIZE HISTCONTROL JAVA_HOME JRE_HOME
root@usgsol0206# pwd
/etc/profile.d
root@usgsol0206#
```

yum install java-11-openjdk-devel

Certificate

Saturday, October 1, 2022 5:41 AM

Step1: we have taken backup up old certificates.
cd /etc/pki/ca-trust/source/anchors
cp -rp 'Volvo Group Class2 Issuing CA3.crt' /opt/casat/bkp/
cp -rp 'Volvo Group Root CA.crt' /opt/casat/bkp/

Step2: copied/created new certicates
cd /etc/pki/ca-trust/source/anchors
vi 'Volvo Group Root CA.crt'
vi 'Volvo Group Class2 Issuing CA3.crt'

Step3: once new certificates copied executed below command to update the cert
update-ca-trust

Step 4: Copied old certificates after renamed with old from backup dir(/opt/casat/bkp/)
cp /opt/casat/bkp/'Volvo Group Root CA old.crt' /etc/pki/ca-trust/source/anchors/
cp /opt/casat/bkp/'Volvo Group Class2 Issuing CA3 old.crt' /etc/pki/ca-trust/source/anchors/

Step5: Once copied old certificates executed below command to update the cert
update-ca-trust

NFS -Permission denied

Friday, January 27, 2023 6:42 PM

[“Permission denied” is reported during copy file with “cp -p” command on AIX Server - NetApp Knowledge Base]

```
 ntfs-unix-security-ops
vserver    policyname                    ruleindex ntfs-unix-security-ops
---------- ----------------------------- --------- ----------------------
segotx1200 segotn16294_dsfs_1000_q1000c 2          ignore
```

```
vserver    policyname                    ruleindex ntfs-unix-security-ops
---------- ----------------------------- --------- ----------------------
segotx1200 segotn16294_dsfs_1000_q1000c 2          fail
```

NFS permission issue: Storage team changed:

```
vserver    policyname                    ruleindex clientmatch   superuser
---------- ----------------------------- --------- ------------- ---------
cntsnx1012 aorapreitgc2_dsfs_1001_q1001n 1         172.19.122.13 none
cntsnx1012 aorapreitgc2_dsfs_1001_q1001n 2         172.19.122.14 none
cntsnx1012 aorapreitgc2_dsfs_1001_q1001n 3         172.19.122.29 any
cntsnx1012 aorapreitgc2_dsfs_1001_q1001n 4         172.19.122.24 any
4 entries were displayed.
```

```
vserver    policyname                    ruleindex clientmatch   superuser
---------- ----------------------------- --------- ------------- ---------
cntsnx1012 aorapreitgc2_dsfs_1001_q1001n 1         172.19.122.13 any
cntsnx1012 aorapreitgc2_dsfs_1001_q1001n 2         172.19.122.14 any
cntsnx1012 aorapreitgc2_dsfs_1001_q1001n 3         172.19.122.29 any
cntsnx1012 aorapreitgc2_dsfs_1001_q1001n 4         172.19.122.24 any
4 entries were displayed.
```

NFS: nobody:nobody permission issue for NFS v4:

Jul 17 14:06:01 segotl2905 nfsidmap[31120]: nss_getpwnam: name 'root@defaultv4iddomain.com' does not map into domain 'got.volvo.net'
Jul 17 14:06:01 segotl2905 nfsidmap[31131]: nss_name_to_gid: name 'root@defaultv4iddomain.com' does not map into domain 'got.volvo.net'

root@segotl2905# grep -i domain.com /etc/idmapd.conf --> updated domain and remounted, issue is resolved.
Domain = defaultv4iddomain.com
root@segotl2905#

root@segotl2905# df -ThP /testing/
Filesystem Type Size Used Avail Use% Mounted on
10.220.89.53:/segot_segotl2905_dsfs_1000/segotl2905_dsfs_1000_q1001n nfs4 1.0T 65G 960G 7% /testing
root@segotl2905# ls -ld /testing
drwxr-x---. 5 nobody nobody 4096 Mar 29 2018 /testing
root@segotl2905# cd /testing/
root@segotl2905# ll
total 12
drwxr-xr-x. 2 nobody nobody 4096 Mar 30 2018 backup
drwxr-xr-x. 3 nobody nobody 4096 Jul 4 2017 docker
drwxr-xr-x. 2 nobody nobody 4096 Jul 4 2017 shared

root@segotl2905# mount -vvv 10.220.89.53:/segot_segotl2905_dsfs_1000/segotl2905_dsfs_1000_q1001n /testing
mount.nfs: timeout set for Wed Jul 17 14:33:56 2024
mount.nfs: trying text-based options 'vers=4.1,addr=10.220.89.53,clientaddr=10.220.88.239'
root@segotl2905# ls -ld /testing
drwxr-x---. 5 root root 4096 Mar 29 2018 /testing

```
root@segotl2905# cd /testing
root@segotl2905# ll
total 12
drwxr-xr-x. 2 root root 4096 Mar 30  2018 backup
drwxr-xr-x. 3 root root 4096 Jul  4  2017 docker
drwxr-xr-x. 2 root root 4096 Jul  4  2017 shared
root@segotl2905#
```

SG ServcieGaurd cluster

Sunday, August 27, 2023 11:03 PM

Timeout increase -

vgs -o +vg_uuid
To get the uuid information for missing/unknown disk
Vgrename <uuid> rootvg_old

vgreduce --removemissing --test goraprespr16_vg03

Swap reduce

Friday, December 8, 2023 6:54 PM

cat /etc/fstab | grep swap(to get the swap lvm)

swapoff -v /dev/app_vg01/swap02

lvreduce /dev/app_vg01/swap02 -L -8G(to reduce the swap by 8GB)

mkswap /dev/app_vg01/swap02

swapon -va

cat /proc/swaps

free -h

User Access Review - Faros

Thursday, April 4, 2024 12:32 PM

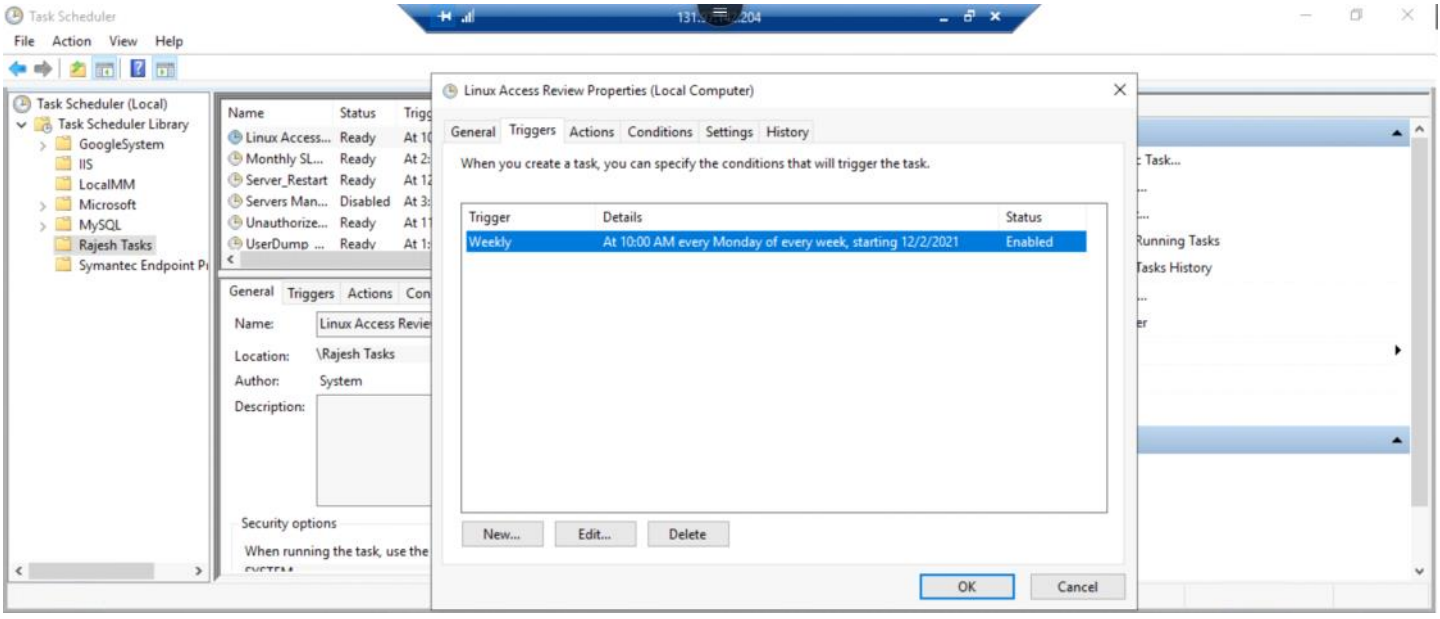
http://segotn16491.rds.volvo.com/Unix_FarosReport/DesignhtmlModel?handler=Download
131.97.142.204

Name: SEGOTN14447.vcn.ds.volvo.net
Address: 131.97.142.204

Name: SEGOTN10424.rds.volvo.com
Address: 153.112.5.40

Charge the task scheduler of powershell script - User Access Review on Windows server SEGOTN14447

Run
taskschd.msc



Once you receive an email from Faros team,
remove the NULL
Change the format to csv
Make sure header is same like below,

UnixService_Name	CreatedOn	UserID	ManagerID

Run --> taskschd.msc

usgsol0191

Tuesday, June 25, 2024 12:40 AM

```
root@usgsol0191# hpssacli controller slot=0 logicaldrive all show

Smart Array P440ar in Slot 0 (Embedded)

   array A

      logicaldrive 1 (558.9 GB, RAID 1, OK)

   array B

      logicaldrive 2 (7.3 TB, RAID 5, OK)

   array C

      logicaldrive 3 (8.7 TB, RAID 5, OK)

   array D

      logicaldrive 4 (10.2 TB, RAID 5, Failed)

root@usgsol0191# hpssacli controller slot=0 logicaldrive 1 show

Smart Array P440ar in Slot 0 (Embedded)

   array A

      Logical Drive: 1
         Size: 558.9 GB
         Fault Tolerance: 1
         Heads: 255
         Sectors Per Track: 32
         Cylinders: 65535
         Strip Size: 256 KB
         Full Stripe Size: 256 KB
         Status: OK
         MultiDomain Status: OK
         Caching:  Enabled
         Unique Identifier: 600508B1001C31A1635045622842510B
         Disk Name: /dev/sda
         Mount Points: /boot 500 MB Partition Number 2
         OS Status: LOCKED
         Logical Drive Label: 01AA7E29PDNLH0BRH81GZ5F45B
         Mirror Group 1:
            physicaldrive 1I:1:9 (port 1I:box 1:bay 9, SAS, 600 GB, OK)
         Mirror Group 2:
            physicaldrive 1I:1:10 (port 1I:box 1:bay 10, SAS, 600 GB, OK)
         Drive Type: Data
         LD Acceleration Method: Controller Cache
```

```
root@usgsol0191# hpssacli controller slot=0 logicaldrive 2 show

Smart Array P440ar in Slot 0 (Embedded)

   array B

      Logical Drive: 2
         Size: 7.3 TB
         Fault Tolerance: 5
         Heads: 255
         Sectors Per Track: 32
         Cylinders: 65535
         Strip Size: 256 KB
         Full Stripe Size: 1280 KB
         Status: OK
         MultiDomain Status: OK
         Caching:  Disabled
         Parity Initialization Status: Initialization Completed
         Unique Identifier: 600508B1001CE5B398C30366A85EB5D6
         Disk Name: /dev/sdb
         Mount Points: None
         Logical Drive Label: 05E0D00APDNLH0BRH81GZ54BFB
         Drive Type: Data
         LD Acceleration Method: HPE SSD Smart Path

root@usgsol0191# hpssacli controller slot=0 logicaldrive 3 show

Smart Array P440ar in Slot 0 (Embedded)

   array C

      Logical Drive: 3
         Size: 8.7 TB
         Fault Tolerance: 5
         Heads: 255
         Sectors Per Track: 32
         Cylinders: 65535
         Strip Size: 256 KB
         Full Stripe Size: 1536 KB
         Status: OK
         MultiDomain Status: OK
         Caching:  Disabled
         Parity Initialization Status: Initialization Completed
         Unique Identifier: 600508B1001C5D1106A7A3F4F48DB2D1
         Disk Name: /dev/sdc
         Mount Points: None
         Logical Drive Label: 09E0D026PDNLH0BRH81GZ59453
         Drive Type: Data
         LD Acceleration Method: HPE SSD Smart Path

root@usgsol0191# hpssacli controller slot=0 logicaldrive 4 show

Smart Array P440ar in Slot 0 (Embedded)

   array D
```

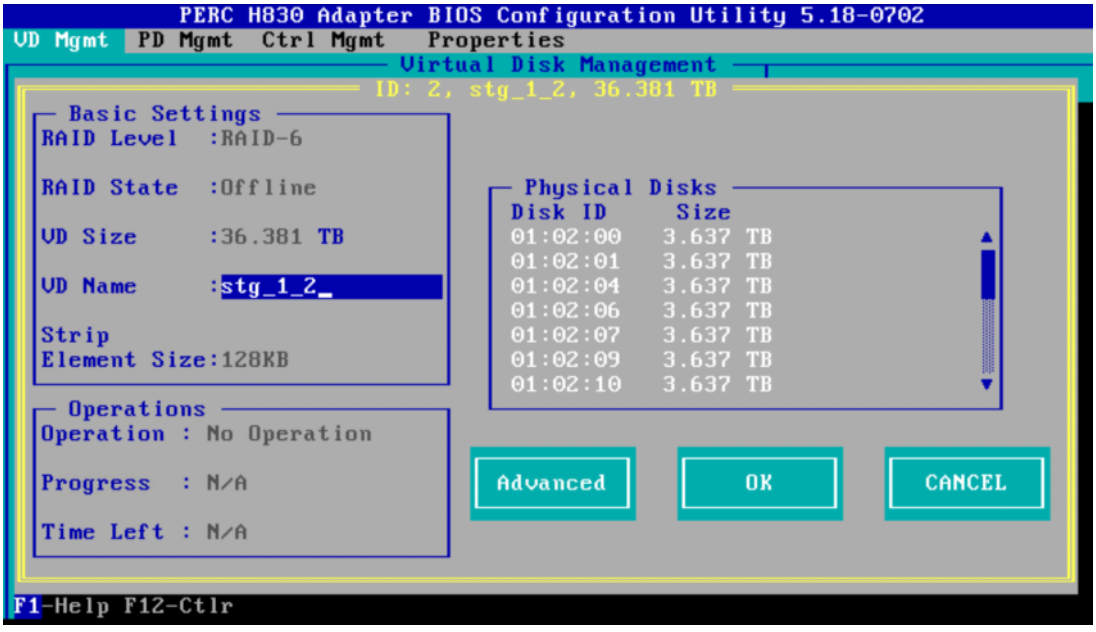
```
    Logical Drive: 4
      Size: 10.2 TB
      Fault Tolerance: 5
      Heads: 255
      Sectors Per Track: 32
      Cylinders: 65535
      Strip Size: 256 KB
      Full Stripe Size: 1792 KB
      Status: Failed
      MultiDomain Status: OK
      Caching:  Disabled
      Unique Identifier: 600508B1001CA93576FDB448E70D28BE
      Logical Drive Label: 0E18D1C7PDNLH0BRH81GZ5B8BA
      Drive Type: Data
      LD Acceleration Method: HPE SSD Smart Path

root@usgsol0191# hpssa
hpssacli        hpssaducli      hpssascripting
root@usgsol0191# hpssacli ctrl slot=0 ld 4 modify reenable forced
root@usgsol0191# hpssacli controller slot=0 logicaldrive 4 show

Smart Array P440ar in Slot 0 (Embedded)

  array D

    Logical Drive: 4
      Size: 10.2 TB
      Fault Tolerance: 5
      Heads: 255
      Sectors Per Track: 32
      Cylinders: 65535
      Strip Size: 256 KB
      Full Stripe Size: 1792 KB
      Status: OK
      MultiDomain Status: OK
      Caching:  Disabled
      Parity Initialization Status: Queued
      Unique Identifier: 600508B1001CA93576FDB448E70D28BE
      Disk Name: /dev/sdd
      Mount Points: None
      Logical Drive Label: 0E18D1C7PDNLH0BRH81GZ5B8BA
      Drive Type: Data
      LD Acceleration Method: HPE SSD Smart Path

root@usgsol0191#


root@usgsol0191# pvs
  PV         VG     Fmt  Attr PSize    PFree
  /dev/sda2  rootvg lvm2 a--  <558.39g 150.91g
  /dev/sdb   vgsas  lvm2 a--    <7.28t  39.65g
  /dev/sdc   vgsas  lvm2 a--     8.73t <31.20g
  /dev/sdd   vgsas  lvm2 a--   <10.19t  <2.86t
root@usgsol0191# df -Th
```

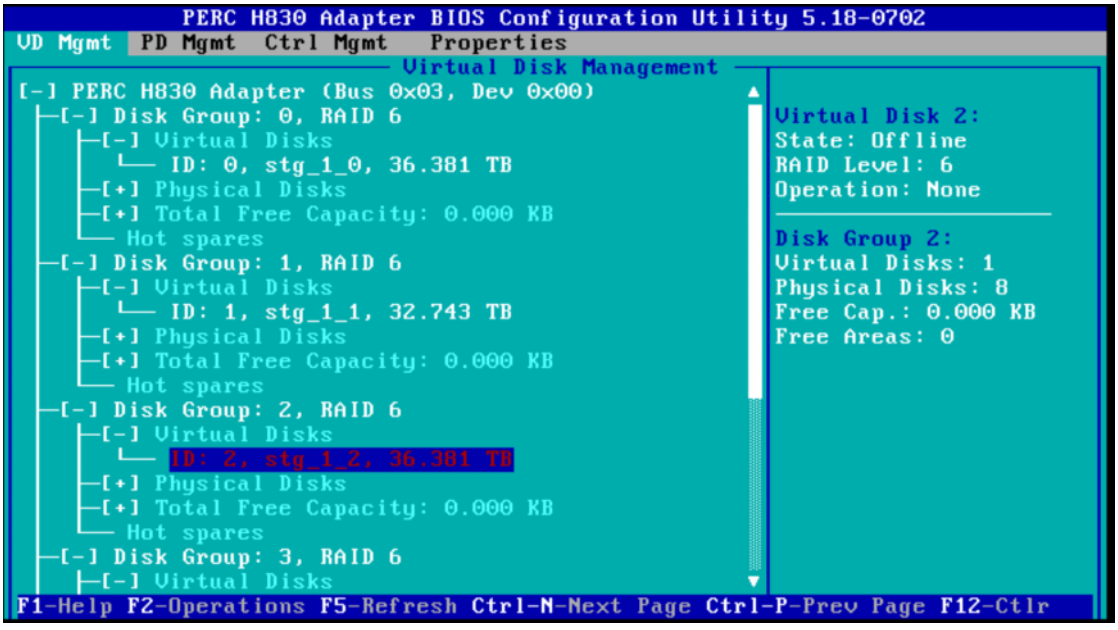
```
Filesystem                                  Type      Size  Used Avail Use% Mounted on
devtmpfs                                    devtmpfs  126G     0  126G   0% /dev
tmpfs                                       tmpfs     126G     0  126G   0% /dev/shm
tmpfs                                       tmpfs     126G  1.9M  126G   1% /run
tmpfs                                       tmpfs     126G     0  126G   0% /sys/fs/cgroup
/dev/mapper/rootvg-rootvol                  xfs       7.5G  6.4G  1.2G  86% /
/dev/sda1                                   xfs       492M  185M  307M  38% /boot
/dev/mapper/rootvg-tmpvol                   xfs       4.0G   66M  4.0G   2% /tmp
/dev/mapper/rootvg-homevol                  xfs       4.0G  2.5G  1.6G  61% /home
/dev/mapper/rootvg-varvol                   xfs       7.0G  4.5G  2.6G  64% /var
usgsox1011:/usgso_usgsol0187_dsfs_1000/usgsol0187_dsfs_1000_q1001n nfs      400G   98G  303G  25% /sas/data/shared
usgsox1011:/usgso_usgsol0187_dsfs_1000/usgsol0187_dsfs_1000_q1002n nfs      350G  163G  188G  47% /sas/sasdepot
usgsox1011:/usgso_usgsol0187_dsfs_1000/usgsol0187_dsfs_1000_q1003n nfs       75G   71G  4.9G  94% /sas_backup
tmpfs                                       tmpfs      26G     0   26G   0% /run/user/17256
tmpfs                                       tmpfs      26G     0   26G   0% /run/user/71453
tmpfs                                       tmpfs      26G     0   26G   0% /run/user/71758
tmpfs                                       tmpfs      26G     0   26G   0% /run/user/71169
tmpfs                                       tmpfs      26G     0   26G   0% /run/user/0
root@usgsol0191# mount -a
root@usgsol0191# df -th
df: no file systems processed
root@usgsol0191# df -Th
Filesystem                                  Type      Size  Used Avail Use% Mounted on
devtmpfs                                    devtmpfs  126G     0  126G   0% /dev
tmpfs                                       tmpfs     126G     0  126G   0% /dev/shm
tmpfs                                       tmpfs     126G  1.9M  126G   1% /run
tmpfs                                       tmpfs     126G     0  126G   0% /sys/fs/cgroup
/dev/mapper/rootvg-rootvol                  xfs       7.5G  6.4G  1.2G  86% /
/dev/sda1                                   xfs       492M  185M  307M  38% /boot
/dev/mapper/rootvg-tmpvol                   xfs       4.0G   66M  4.0G   2% /tmp
/dev/mapper/rootvg-homevol                  xfs       4.0G  2.5G  1.6G  61% /home
/dev/mapper/rootvg-varvol                   xfs       7.0G  4.5G  2.6G  64% /var
usgsox1011:/usgso_usgsol0187_dsfs_1000/usgsol0187_dsfs_1000_q1001n nfs       25G   22G  3.4G  87% /sas/data/shared
/dev/mapper/vgsas-sas                       xfs       25G   22G  3.4G  87% /sas
usgsox1011:/usgso_usgsol0187_dsfs_1000/usgsol0187_dsfs_1000_q1003n nfs       75G   71G  4.9G  94% /sas_backup
tmpfs                                       tmpfs      26G     0   26G   0% /run/user/17256
tmpfs                                       tmpfs      26G     0   26G   0% /run/user/71453
tmpfs                                       tmpfs      26G     0   26G   0% /run/user/71758
tmpfs                                       tmpfs      26G     0   26G   0% /run/user/71169
tmpfs                                       tmpfs      26G     0   26G   0% /run/user/0
/dev/mapper/vgsas-config                    xfs       100G   21G   80G  21% /sas/config
/dev/mapper/vgsas-pamstg                    xfs       135G   44G   92G  33% /sas/data/apa/pamstg
/dev/mapper/vgsas-pammart                   xfs       100G   18G   83G  18% /sas/data/apa/pammart
/dev/mapper/vgsas-pametlck                  xfs       110G   91G   20G  83% /sas/data/apa/pametlck
/dev/mapper/vgsas-pamuser                   xfs       1.2T  965G  245G  80% /sas/data/apa/pamuser
/dev/mapper/vgsas-saswork                   xfs      1000G   35M 1000G   1% /saswork
/dev/mapper/vgsas-sasutilloc                xfs       490G   38G  453G   8% /sasutilloc
/dev/mapper/vgsas-spdswork                  xfs      1000G   34M 1000G   1% /spdswork
/dev/mapper/vgsas-spdstmp                   xfs       490G  133G  358G  28% /spdstmp
/dev/mapper/vgsas-data01n                   xfs       1.9T  1.6T  268G  86% /sas/spds/apa/data01
/dev/mapper/vgsas-data02n                   xfs       2.0T  1.8T  245G  88% /sas/spds/apa/data02
/dev/mapper/vgsas-data03n                   xfs       1.9T  1.6T  276G  86% /sas/spds/apa/data03
/dev/mapper/vgsas-data04n                   xfs       2.0T  1.8T  252G  88% /sas/spds/apa/data04
/dev/mapper/vgsas-data05n                   xfs       2.0T  1.6T  383G  81% /sas/spds/apa/data05
/dev/mapper/vgsas-data06n                   xfs       2.0T  1.8T  247G  88% /sas/spds/apa/data06
```

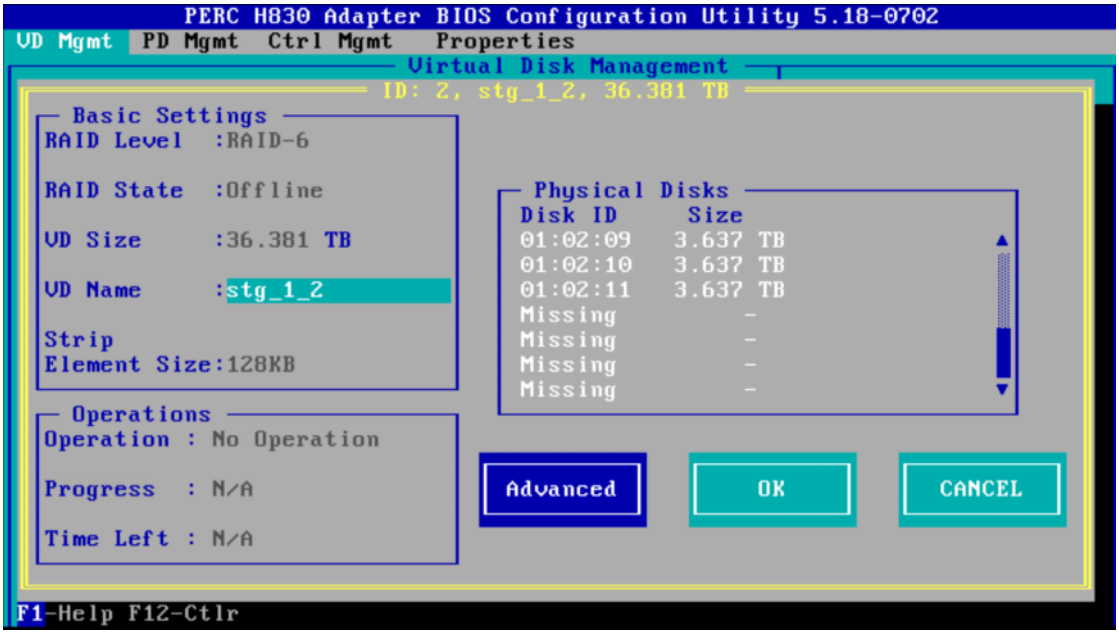
```
/dev/mapper/vgsas-data07n                    xfs      2.0T  1.6T  379G  82% /sas/spds/apa/data07
/dev/mapper/vgsas-data08n                    xfs      2.0T  1.8T  247G  88% /sas/spds/apa/data08
/dev/mapper/vgsas-indexn                    xfs      2.2T  2.0T  202G  91% /sas/spds/apa/index
/dev/mapper/vgsas-metan                     xfs       50G  397M   50G   1% /sas/spds/apa/meta
/dev/mapper/vgsas-PAMRPT                     xfs      1.1T  326G  795G  30% /sas/data/apa/pamuser/pamrpt
root@usgsol0191# pvs
  PV         VG     Fmt  Attr PSize    PFree
  /dev/sda2  rootvg lvm2 a--  <558.39g 150.91g
  /dev/sdb   vgsas  lvm2 a--    <7.28t  39.65g
  /dev/sdc   vgsas  lvm2 a--     8.73t <31.20g
  /dev/sdd   vgsas  lvm2 a--   <10.19t  <2.86t
root@usgsol0191# vgs
  VG     #PV #LV #SN Attr   VSize    VFree
  rootvg   1   6   0 wz--n- <558.39g 150.91g
  vgsas    3  21   0 wz--n-  <26.20t  <2.93t
root@usgsol0191# ls -ld /sas/config/Lev1/
drwxr-sr-x. 25 sas sas 4096 Mar 10  2023 /sas/config/Lev1/
root@usgsol0191#


=====================
mount: /sas/spds/apa/data03 does not contain SELinux labels.
       You just mounted an file system that supports labels which does not
       contain labels, onto an SELinux box. It is likely that confined
       applications will generate AVC messages and not be allowed access to
       this file system.  For more details see restorecon(8) and mount(8).
/sas/spds/apa/data03     : successfully mounted
mount: /sas/spds/apa/data04 does not contain SELinux labels.
       You just mounted an file system that supports labels which does not
       contain labels, onto an SELinux box. It is likely that confined
       applications will generate AVC messages and not be allowed access to
       this file system.  For more details see restorecon(8) and mount(8).

root@usgsol0191# history |grep xfs_re
  535  2024-06-24 19:32:17 xfs_repair /dev/vgsas/data01n
  536  2024-06-24 19:32:36 xfs_repair -L /dev/vgsas/data01n
  541  2024-06-24 19:34:25 xfs_repair -L /dev/vgsas/sasutilloc
  543  2024-06-24 19:34:42 xfs_repair -L /dev/vgsas/saswork
  547  2024-06-24 19:35:31 xfs_repair -L /dev/vgsas/data03n
  548  2024-06-24 19:36:07 xfs_repair -L /dev/vgsas/data04n
```

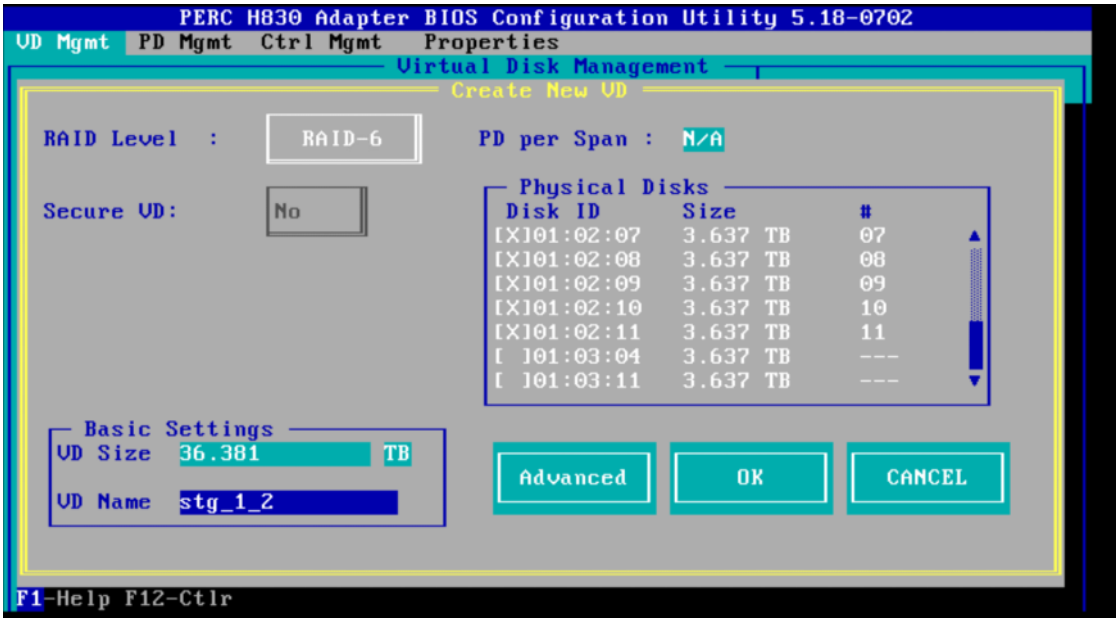
TSM Disk issue - uswsnl0132

Friday, July 26, 2024 11:17 PM









Health and Properties

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	Status	Name	State	Layout	Size	Media Type	Read Policy	Write Policy	Stripe Size	Secured	Remaining Redundancy
+	✓	Virtual Disk 0	Online	RAID-1	278.88 GB	HDD	Read Ahead	Write Back	64K	No	1
+	✓	archlog	Online	RAID-5	3351.75 GB	HDD	Adaptive Read Ahead	Write Back	128K	No	1
+	✓	db01	Online	RAID-5	893.25 GB	SSD	No Read Ahead	Write Back	64K	No	1
+	✓	db02	Online	RAID-5	3348.00 GB	SSD	Read Ahead	Write Back	64K	No	1
+	✓	stg_1_0	Online	RAID-6	37255.00 GB	HDD	Adaptive Read Ahead	Write Back	128K	No	2
+	✓	stg_1_1	Online	RAID-6	33529.50 GB	HDD	Adaptive Read Ahead	Write Back	128K	No	2
+	✓	stg_1_2	Online	RAID-6	37255.00 GB	HDD	Read Ahead	Write Back	64K	No	2
+	✓	stg_1_3	Online	RAID-6	33529.50 GB	HDD	Adaptive Read Ahead	Write Back	128K	No	2

Page 1 of 1

Health and Properties

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Page 1 of 1

	Status	Name	State	Layout	Size	Media Type	Read Policy	Write Policy	Stripe Size	Secured	Remaining Redundancy
+	✓	Virtual Disk 0	Online	RAID-1	278.88 GB	HDD	Read Ahead	Write Back	64K	No	1
+	✓	archlog	Online	RAID-5	3351.75 GB	HDD	Adaptive Read Ahead	Write Back	128K	No	1
+	✓	db01	Online	RAID-5	893.25 GB	SSD	No Read Ahead	Write Back	64K	No	1
+	✓	db02	Online	RAID-5	3348.00 GB	SSD	Read Ahead	Write Back	64K	No	1
+	✓	stg_1_0	Online	RAID-6	37255.00 GB	HDD	Adaptive Read Ahead	Write Back	128K	No	2
+	✓	stg_1_1	Online	RAID-6	33529.50 GB	HDD	Adaptive Read Ahead	Write Back	128K	No	2
+	✓	stg_1_2	Online	RAID-6	37255.00 GB	HDD	Adaptive Read Ahead	Write Back	128K	No	2
+	✓	stg_1_3	Online	RAID-6	33529.50 GB	HDD	Adaptive Read Ahead	Write Back	128K	No	2

Page 1 of 1

```
/dev/mapper/vg_tsmwsn02_stg03-lv_tsmwsn02_stg_11    xfs      7.3T   33M  7.3T   1% /tsmwsn02/stg/11
/dev/mapper/vg_tsmwsn02_stg03-lv_tsmwsn02_stg_12    xfs      7.3T   33M  7.3T   1% /tsmwsn02/stg/12
/dev/mapper/vg_tsmwsn02_stg03-lv_tsmwsn02_stg_13    xfs      7.3T   33M  7.3T   1% /tsmwsn02/stg/13
/dev/mapper/vg_tsmwsn02_stg03-lv_tsmwsn02_stg_14    xfs      7.3T   33M  7.3T   1% /tsmwsn02/stg/14
/dev/mapper/vg_tsmwsn02_stg03-lv_tsmwsn02_stg_15    xfs      7.3T   33M  7.3T   1% /tsmwsn02/stg/15
root@uswsnl0132# vgs
  VG                #PV #LV #SN Attr   VSize   VFree
  rootvg              1   5   0 wz--n- 278.38g 183.89g
  vg_tsmwsn02_archlog   1   8   0 wz--n-   3.27t 263.62g
  vg_tsmwsn02_db        2   7   0 wz--n-   4.14t 811.24g
  vg_tsmwsn02_stg01     1   5   0 wz--n-  36.38t  16.00m
  vg_tsmwsn02_stg02     1   5   0 wz--n-  32.74t   4.00m
  vg_tsmwsn02_stg03     1   5   0 wz--n-  36.38t  16.00m
  vg_tsmwsn02_stg04     1   5   0 wz--n-  32.74t   4.00m
root@uswsnl0132#
```

```
for i in $(omreport storage controller |grep "^ID" |awk '{print $3}'); do omreport storage pdisk controller=$i |egrep "Media|Capacity|Serial No"; done
```

UID

Monday, August 12, 2024 3:56 PM

https://uidapp1.srv.volvo.com/uidapp/alloc_uidresp.php

```
root@segotl2723# su - postgres
Last login: Mon Aug 12 12:09:12 CEST 2024 on pts/0
-bash-4.4$ psql -U v0uid uidapp_prod
psql (14.12)
Type "help" for help.

uidapp_prod=> select * from existingpasswd,hostname where hostname.id=existingpasswd.hostnameid and uidno=23408;
     username      | hostnameid | uidno | gidno |        gecos         |        homedir         |    shell     | statusid |  id   |  hostname
--------------------+------------+-------+-------+----------------------+------------------------+--------------+----------+-------+------------
 confluence8        |       6771 | 23408 | 23408 | Atlassian Confluence | /home/confluence8      | /bin/bash    |        0 |  6771 | segotl3150
 yokes              |      11851 | 23408 | 23408 |                      | /home/yokes            | /bin/bash    |        0 | 11851 | segotl5310
 cs-ws-s-wms-ssh-us |        746 | 23408 | 23550 | ssh service account  | /home/cs-ws-s-wms-ssh-us | /usr/bin/ksh |        0 |   746 | vg1007
 cs-ws-s-wms-ssh-us |        963 | 23408 | 23550 | ssh service account  | /home/cs-ws-s-wms-ssh-us | /usr/bin/ksh |        0 |   963 | vg643
 t613vcom           |      12489 | 23408 |  3081 |                      | /home/t613vcom         | /bin/bash    |        0 | 12489 | segotl5774
 cs-ws-s-wms-ssh-us |        747 | 23408 | 23550 | ssh service account  | /home/cs-ws-s-wms-ssh-us | /usr/bin/ksh |        0 |   747 | vg1008
 confluence4        |       6772 | 23408 | 23408 | Atlassian Confluence | /home/confluence4      | /bin/bash    |        0 |  6772 | segotl3151
 gbsadm1mrep        |      12218 | 23408 | 59526 | SEEBURGER BIS 6      | /home/gbsadm1mrep.     | /bin/bash    |        0 | 12218 | segotl5567
 jira5              |      10334 | 23408 | 23408 | Atlassian Jira       | /home/jira5            | /bin/bash    |        0 | 10334 | segotl4147
 az-ag-2            |      12309 | 23408 | 23552 |                      | /home/az-ag-2          | /bin/bash    |        0 | 12309 | segotl5637
 ibmsys1            |      12634 | 23408 | 23552 |                      | /home/ibmsys1          | /bin/bash    |        0 | 12634 | segotl5875
 editest            |      12606 | 23408 |    12 | SEEBURGER BIS 6      | /home/editest          | /bin/bash    |        0 | 12606 | segotl5832
 splunk             |      12231 | 23408 | 23552 | Splunk Server        | /opt/splunkforwarder   | /bin/bash    |        0 | 12231 | segotl5579
 jira8              |       7252 | 23408 | 23408 | Atlassian Jira       | /home/jira8            | /bin/bash    |        0 |  7252 | segotl3448
 opsmgradminsvc     |      12511 | 23408 | 23408 |                      | /home/opsmgradminsvc   | /bin/bash    |        0 | 12511 | segotl5780
 opsmgradminsvc     |      12512 | 23408 | 23408 |                      | /home/opsmgradminsvc   | /bin/bash    |        0 | 12512 | segotl5781
 opsmgradminsvc     |      12520 | 23408 | 23408 |                      | /home/opsmgradminsvc   | /bin/bash    |        0 | 12520 | segotl5782
(17 rows)

uidapp_prod=> select * from wanteduid where uidno=23408;
 uidno | username | usertypeid | glurp
-------+----------+------------+-------
 23408 | bob      |          0 |
(1 row)

uidapp_prod=>
```

Firmware removal

Tuesday, August 20, 2024 1:30 PM

```
rpm -qa --queryformat '%{NAME}-%{VERSION}-%{RELEASE}.%{ARCH} %{VENDOR}\n'|awk  '/Hewlett Packard Enterprise/ && $1 ~ /firmware/ {print $1}' |xargs
echo yum -y remove > /tmp/t2

bash -x /tmp/t2
```

UDCN

Monday, November 1, 2021 2:33 PM

https://hclo365eur.sharepoint.com/:x:/r/sites/HCL-IndigoInfrateam/_layouts/15/Doc.aspx?sourcedoc=%7BC6A16F62-9BFB-48AD-AA11-50B59169466C%7D&file=Sweden%20and%20Japan%20DC_Consolidated%20Compute_Details_v0.2.xlsx&action=default&mobileredirect=true&cid=3245b3f1-b8db-4ca8-8be2-94f094458da7

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22030701610>

Redhat
username: udtrucks_rhel
Indigo@2021

Mail relay - adinarayanarao.m@hcl.com
GIT Messaging Team <MessagingSMEs@hcl.com>

From <https://teams.microsoft.com/multi-window/?agent=electron&version=23010505600>

Open Hosting Services - UDCN Documents - All Documents (sharepoint.com)

Service Desk UD English <office.english@hcl.com> - To reset the UD user.

udiamoperations@hcl.com -- UD AD support
Chowdam Bhanu Sri <chowdam.bhanusri@hcl.com>

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22113004100>

https://udgotl2088.got.udtrucks.net/users/login
https://udgotv0100.udcn.udtrucks.net
https://udgotl2035.idm.udtrucks.net/ipa/ui/#/e/group/search//filter=305
https://10.180.35.8/#/login?template_search=page_size:20;order_by:name;type:workflow_job_template,job_template

\\udgotn0210.udcn.udtrucks.net\Filetransfer

X Small (2vCPU, 8GB)Small (4vCPU, 16GB)Medium (8vCPU, 32GB)Large (16vCPU, 64GB)

pls use sender as udtrucks.se or udtrucks.com

find /usr -xdev -mtime -10 -ls|sort -k7n
find /opt -xdev -mtime -10 -ls|sort -k7n

a330505x
March@2022

Username: 'udadminuser'
Password: 'dol8WORK!'

name: udgotjump02.udcn.udtrucks.net
Address: 10.180.32.100

mycloud-udlinrhel80-dev-template
vmycloud-udlinrhel75-dev-template

D:\Softwares\RHEL ISO

https://ud-moogsaas.dryicehcl.com/login/ -- Moogsoft
MTaaS-DevOps-MoogSof@hcl.com

Username: mtaas\ naresh.deenadayalan
Email: naresh.deenadayalan@dryicehcl.com
Password: India@1234

10.180.32.100 - sweden
10.180.32.103
10.181.16.100 - Japan

Thailand Jump Server-> udspkn0006
IP Address-> 10.180.178.155
https://10.181.16.33/

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22030701610>

Bangalore:
=========
https://10.180.177.30/

Cisco CIMC Management
IP-> https://10.180.177.30/

User Name: admin
Password: Cisco@123

UDGOTL2042	10.180.32.51
UDGOTL2056	10.180.31.2
UDGOTL2057	10.180.31.3
UDGOTL2058	10.180.81.2
UDGOTL2059	10.180.81.3
UDGOTL2060	10.180.85.98
UDGOTL2082	10.180.85.99
UDGOTL2083	10.180.85.105

UDCN IDM server

UDGOTL2035 10.180.34.20
UDGOTL2036 10.180.34.21
UDGOTL2037 10.180.34.22
UDGOTL2038 10.180.34.23

UDCN Ansible Server
UDGOTL2079

UDCN Physical servers

a330505x@udcn.udtrucks.net

10.180.32.204
10.180.82.140

Please use the below Vcenter for access -
Swedeen
https://udgotv0100.udcn.udtrucks.net

Japan
https://udagov0100/

10.180.178.151	UDSPKL2001	Backup Server

Satellite
udgotl2088.got.udtrucks.net

Use the below syntax
username : a330505x@udcn.udtrucks.net
pwd: *****

soni_ajaykumar@hcl.com--> Nimsoft
pratimmutsuddy@hcl.com

UDCN Ansible Servers:

10.180.35.2	UDGOTL2004
10.180.35.3	UDGOTL2005
10.180.35.5	UDGOTL2076
10.180.35.6	UDGOTL2077
10.180.35.7	UDGOTL2078
10.180.35.8	UDGOTL2079

CISCO UCS IPs:
10.180.11.48 - DB DC
10.180.11.51 - ARDH DC

10.180.28.130	UDGOTL2066
10.180.28.131	UDGOTL2067
10.180.28.132	UDGOTL2068
10.180.28.133	UDGOTL2069
10.180.81.162	UDGOTL2070
10.180.81.163	UDGOTL2071
10.180.120.2	UDGOTL2050
10.180.120.3	UDGOTL2051
10.180.120.4	UDGOTL2052
10.180.120.8	UDGOTL2053
10.180.120.9	UDGOTL2054
10.180.120.10	UDGOTL2055

Rh-posgresql
Redis
memcached
Awx
Nginx

```
systemctl status rh-postgresql10-postgresql.service
systemctl status redis.service
systemctl status memcached
systemctl status awx.service
systemctl status nginx.service

yum update --exclude=python3*,kernel*,opensdsl*,ansible-awx*,rh-postgresql*,epel-release*,redis*,memcached*,nginx*,pwgen*,jemalloc*
```

DC	Backup Server	IP Address	vKVM IP Address	HBA	HBA	HBA
DBDC	UDGOTL2050	10.180.120.2	10.180.11.103	host17	host20	host21
				0x100000109ba967cc	0x100000109ba967cd	0x100000109ba9681e
DBDC	UDGOTL2051	10.180.120.3	10.180.11.104	host17	host21	
				0x100000109ba96899	0x100000109ba96815	
DBDC	UDGOTL2052	10.180.120.4	10.180.11.105	host17	host20	host21
				0x100000109ba968a2	0x100000109ba968a3	0x100000109ba96896
ARDH	UDGOTL2053	10.180.120.8	10.180.11.106	host18	host20	host21
				0x100000109ba96ac0	0x100000109ba96ac1	0x100000109ba96b9f
ARDH	UDGOTL2054	10.180.120.9	10.180.11.107	host18	host21	
				0x100000109ba96a1b	0x100000109ba96a96	
ARDH	UDGOTL2055	10.180.120.10	10.180.11.108	host18	host20	host21
				0x100000109ba969ab	0x100000109ba969ac	0x100000109ba969ea

Ansible Awx: https://10.180.35.8/#/login

admin
Cisco123

UDGOTL2097	10.180.81.166
UDGOTL2098	10.180.81.167

Username: LinuxAdmin
Password: Welcome@123

Server Name	ILO IP Address
UDGOTL2066	10.180.11.139
UDGOTL2067	10.180.11.197
UDGOTL2068	10.180.11.129
UDGOTL2069	10.180.11.177
UDGOTL2070	10.180.11.149
UDGOTL2071	10.180.11.186

EventSystem
CryptSvc
DcomLaunch
DNSCache
LSM
Netlogon
PlugPlay
RpcSs
SamSs
lanmanserver
SepMasterService
SENS
Schedule
LmHosts
ProfSvc
mpssvc
Winmgmt
WinRM
Lanmanworkstation

https://hclo365eur.sharepoint.com/:x:/r/sites/HCL-IndigoInfrateam/_layouts/15/Doc.aspx?sourcedoc=%7B320CBBD5-2E91-4095-8603-B248F9F7BBAF%7D&file=UD_Windows_Linux_Onetime_Runtime%20V.4.xlsx&action=default&mobileredirect=true --> Tracking docs

Vcenter >
udgotv0100.udcn.udtrucks.net
a346317x@udcn.udtrucks.net || login access

sattilite
https://udgotl2088.got.udtrucks.net/users/login
a346317x@udcn.udtrucks.net

udgotl2004.got.udtrucks.net || Ansible server to connect UDCN servers

Big fix for patch
No puppet
Ansible is used to
Local modification no zlin her
Firewalld is enabled by default
Antivirys _|| microsoft difender

Service Monitoring and Event Management: All configuration items significant for the service are --> we are monitoring Basic server also?
Capacity Planning -> No Basic servers?
Continuity Management -->

Service hours --> ??????

Basic	Standard	Premium
9X5	9X5	24x7

Backup retention time: How much days backup copy is kept.	Basic	Standard	Premium
	-	14 days	14days

Bigfix port number - 52311

Incident Response Time

Basic	Standard	Premium
Best Effort	• P2: 98.00% within 30 minutes • P3: 94.00% within 60 minutes • P4: 90.00% within 120 minutes	• P1: 100.00% within 15 minutes • P2: 98.00% within 30 minutes • P3: 94.00% within 60 minutes • P4: 90.00% within 120 minutes

Incident Resolution Time

Basic	Standard	Premium
Best effort	• P3: 98.00% within 12 hours • P4: 98.00% within 48 hours	• P1: 90.00% within 2 hours • P2: 98.00% within 4 hours • P3: 98.00% within 12 hours • P4: 98.00% within 48 hours

1. **In Scope ???????**

- Standard delivery of RHEL servers
- Support of RHEL6 and RHEL7 servers

Benoit

Compliance Management ???

IDM

Audit Zone - Qualys - servers

IBM Qradar 7.4.1 Version

wincollect agent
syslog

mtaas-devops-moogsof@hcl.com

RBA Tools --> to capture the capacity

1. **Migration Prerequisite**

A detooling action must be performed before the migration. All the below tools must be removed from the server and server must be removed from the central tool server

- Puppet
- Capplan
- Inventory
- Satellite
- TSM agent
- ITM agent
- Removal from AD NisNetgroup

2. **Migration PostAction**

After the migration, below tools must be installed and configured

- BigFix agent
- Nimsoft agent
- Backup agent
- RedHat IDM client configuration
- Automation tool registration
- To define

subscription-manager register --org="UDCN" --activationkey=ak-auto,ak-rhel8_1m_udcn

Resolution

- Remove the old **'facts.json'** file and re-register the system.

Raw

```
# rm /var/lib/rhsm/facts/facts.json
# subscription-manager clean
# subscription-manager register
```

Root Cause

- During cloning, the old subscription-manager (RHSM) data gets copied to the newly cloned Virtual Machine.
- The newly cloned Virtual Machine contains the copy of **'facts.json'** file which results in a duplicate UUID error.

UDGOTL2074	10.180.32.204	harsha_b@hcl.com		BENOIT.GAGET@hcl.com; MathialaganR@hcl.com	Security	QA	Redhat Enterprise Linux 7	Virtual	
UDGOTL2075	10.180.32.203	harsha_b@hcl.com		BENOIT.GAGET@hcl.com; MathialaganR@hcl.com	Security	QA	Redhat Enterprise Linux 8	Virtual	

Those 2 VMS are used to build template and for test. I'm not even sure they are plugged to satellite. You can define patch code by yourself, the one you prefer, it doesn't matter at all.
I'm not even sure theyr are plugged to IDM.

URL for recorded session are as follows:-
UDCN_myCloud Overview and KT Sessions - For New BAU Teams & UD Cloud Architects-20220304_123432-Meeting Recording.mp4 (HCL Link)
UDCN_myCloud Overview and KT Sessions - For New BAU Teams & UD Cloud Architects-20220304_123432-Meeting Recording.mp4 (Special links for UD Trucks)

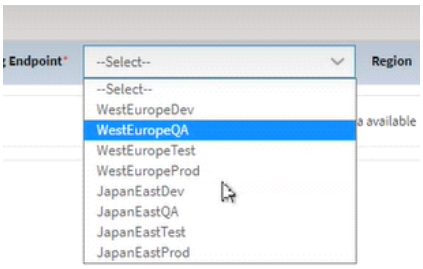
Recordings - OneDrive (sharepoint.com)

Find below some link to important documentation
I advise you to have a look to Replication part
https://access.redhat.com/documentation/en-us/red_hat_directory_server/11/html/administration_guide/managing_replication

The most important part is the below one
https://access.redhat.com/documentation/en-us/red_hat_directory_server/11/html/administration_guide/monitoring_server_and_database_activity

This is what I'm used to read to get some help.

I should have some where some command and scripts to check ldap status I wrote some years ago. Trying to find it to share with you



Nimsoft will collect the information from server and send it to Moogsoft. (Event generator)
From moogsoft to ITSM
Moma cannot be integrated with Moogsoft.

udamsl0015
10.180.206.5
hcladmin
SA@Techn!2017d

GSS Cloud Services 2.0 - 4 Documentation - 6 Video and Recordings - All Documents (sharepoint.com) (GSS Operations Video Access Directory)
UDCN _ MyCloud Phase 2 Demo _ Walkthrough Session For UD-20220314_130152-Meeting Recording.mp4 (14th March For GSS Operations)
UDCN _ MyCloud Phase 2 Demo _ Walkthrough Session For UD - Session _ 2-20220321_130241-Meeting Recording.mp4 (21st March for GSS Operations)

UDCN Infrastructure Implementation - Videos - All Documents (sharepoint.com) (UD Video Access Directory)
UDCN _ MyCloud Phase 2 Demo _ Walkthrough Session For UD-20220314_130152-Meeting Recording.mp4 (14th March for UD Access)
UDCN _ MyCloud Phase 2 Demo _ Walkthrough Session For UD - Session _ 2-20220321_130241-Meeting Recording.mp4 (21st March for UD Access)

Linux Decommission Tasks:
****
1. Remove the servers IDM
2. Nimsoft monitoring Team to remove the server from their console
3. Backup team to remove the server from Backup schedules
4. BigFix team to remove the server from BigFix console
5. MD-ATP team to remove the server from their console
6. Qualys team to disable the server from running scans
7. Check if any RDM's are attached to the VMs incase of a VM. If it's physical server check the LUN IDs attached to it. Note down the IPs associated with the VM/Physical server
8. Shutdown the server
9. Inform Storage team to reclaim the LUNs incase of physical server or reclaim RDMs which are presented to the decommissioning VM
10. Inform DNS team to remove the DNS entries which associated with that server.
11. Delete the VM in vSphere along with the virtual disks.
12. Inform windows team to remove the UCS server profile from CIMC.
13. Inform IP management team to free up the IPs which are associated with the decommissioning VM or Physical server
14. Inform Program Manager to move the servers to the deleted server list in Built sheet.

https://hclo365eur.sharepoint.com/:x:/r/sites/HCL-IndigoInfrateam/Shared%20Documents/02.%20AI/PM/11-Build/Sweden%20and%20Japan%20DC_Consolidated%20Compute_Details_v0.2.xlsx?d=wc6a16f629bfb48adaa1150b59169466c&csf=1&web=1&e=I31GWN&isSPOFile=1

AD Oliver, deepak Chawla , vadivel

MDATP
ashokramiyam@hcl.com rahul_ka@hcl.com

mdatp, qradar : ansible team and rahul_ka@hcl.com

New group creation

udgotl2038.idm.udtrucks.net this is the hidden replica so don't connect on this GUI
udgotl2035.idm.udtrucks.net master 1
udgotl2036.idm.udtrucks.net master 2
udgotl2037.idm.udtrucks.net master 3

Valid_user="admin"
Valid_pwd="idmudtrucks123"
AD_user="cs-ws-s-idm-mon@udcn.udtrucks.net"
AD_pwd="L@@ivp34M98xviT"

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22020701812>

For Faros, VCD and ISIM related issues - please contact Megha Sudarshanachar - Email - sudarshanachar.m@hcl.com
For Azure AD related issues - please contact Ramkumar Shanmugam - Email- shanmugamr@hcl.com
For AD related issues - please contact Sailendra Grahacharya - Email - sailendra.g@hcl.com
For EXIS related issues -please contact Shruti H - Email - shruti.h@hcl.com
For OTDM - please contact Ravikumar Thimmegowda – Email - ravikumar.thimm@hcl.com
Alternatively, you can text me on + 91 9663882043.

For any access Or UD User Creation you need to contact UDIAMOperations <udiamoperations@hcl.com>

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22060614805>

UDCN Citrix - Password reset

Wednesday, April 19, 2023 11:25 AM

Mokshagna@2021

Your account has been created. Please find the UD Trucks user name and account Password.
Password Details:
User's Name : Naresh Deenadayalan,
User's Email : naresh.deenadayalan@hcl.com
User's Login ID : a330505
User's Password : @en8xwzIx

For further assistance regarding reset password use the below link.

Please click https://udtrucks.saviyntcloud.com/ECM/maintenance/resetpassword --> UDCN Password reset

Additional Important Information:

For cloud application, your login account will be in below format:

User's Email Prefix@udtrucks.onmicrosoft.com

Example: If your email address is: abc123@gmail.com, your login account will be:
abc123@udtrucks.onmicrosoft.com

P1: Calls

Tuesday, February 14, 2023 8:02 AM

UD Truck Priority 1 INC0119342 Affecting SAP FUP - Technical cell invite

Looks two new firewall has been formed from Azure end and its not pushed from Firewall end. Firewall did manual push and issue is resolved.

Udgotl2225 & udgotl2226 - Cluster issue: Monitoring timeout
tar -zcvf logs-$(hostname)-messages.tar.gz /var/log/messages*

INC0014814955:Unable to log into VOSP through the Portal - User M715858

As part of the initial investigation, JAVA AHS AS SO team has checked and identified that there were some Apache files missing in the servers (segotl5191-n1, segotl5191-n2). Teams suspected that the issue is caused post the OS patching activity upon the change (CHG000468625) so as part of troubleshooting action team has reverted the change but found no luck in solving the issue. JAVA AHS AS SO team has requested JAVA AHS UNIX SO team to restore the complete Apache file system post which the issue still persist. JAVA AHS UNIX SO team upon the request has reverted the OS patching to old kernel but found no luck again. JAVA AHS UNIX SO team upon further investigation, **Identified that httpd24 package was updated before the OS patch hence as a part of restoration action team has downgraded the httpd24** post which we have received a confirmation from DSC India that the issue is fixed and agreed to resolve the major and root cause to be identified in the problem investigation.

```
 Package                          Architecture          Version                          Repository
================================================================================================================================================================
Downgrading:
 jbcs-httpd24-apr                 x86_64                1.6.3-107.el8jbcs                jb-coreservices-1-for-rhel-8-x86_64-rpms
 jbcs-httpd24-apr-util            x86_64                1.6.1-91.el8jbcs                 jb-coreservices-1-for-rhel-8-x86_64-rpms
 jbcs-httpd24-httpd               x86_64                2.4.37-80.el8jbcs                jb-coreservices-1-for-rhel-8-x86_64-rpms
 jbcs-httpd24-httpd-tools         x86_64                2.4.37-80.el8jbcs                jb-coreservices-1-for-rhel-8-x86_64-rpms
 jbcs-httpd24-mod_cluster-native  x86_64                1.3.14-1.Final_redhat_2.el8jbcs  jb-coreservices-1-for-rhel-8-x86_64-
rpms
```

ldap

Monday, January 30, 2023 1:19 PM

Cisco UCS

Wednesday, October 26, 2022 2:06 PM

https://www.cisco.com/c/dam/global/en_hk/assets/pdfs/unified_compute_system_architectural_overview.pdf

Commands

Wednesday, June 15, 2022 4:14 PM

dnf remove --oldinstallonly --setopt instllonly_limit=2 kernel

Links:

https://ud-moogsaas.dryicehcl.com -- Moogsoft
https://hclmt.service-now.com/ - Raised request to rest Mtaas password
Mokku@1986

URL Name	Public IP	Remark
https://inchnfw.dryicehcl.com	192.8.216.105	URL for Chennai and NJ Location
https://usnjdfw.dryicehcl.com	192.8.20.46	URL for NJ, Chennai & Shared Azure Location

Issues

Thursday, May 19, 2022 12:44 PM

- We disabled the local firewall in the server.
- Even the local firewall is shown as “disabled”, it needs be re-disabled (to enable once and to disable again)
- If IP rules are removed, needs to set the following configuration
- iptables -t nat -F
- iptables -F
- echo 1 > /proc/sys/net/ipv4/ip_forward
- iptables -A PREROUTING -t nat -p tcp --dport 2222 -j DNAT --to 10.180.222.37:22
- iptables -A FORWARD -p tcp -m state --state NEW --dport 2222 -j ACCEPT
- iptables -A PREROUTING -t nat -p tcp --dport 2223 -j DNAT --to 10.180.222.50:22
- iptables -A FORWARD -p tcp -m state --state NEW --dport 2223 -j ACCEPT
- iptables -t nat -A POSTROUTING -j MASQUERADE -o ens192

2. IDM issue

[1] On /etc/sssd/sssd.conf add debug_level

```
[sssd]
debug_level = 9
...
[domain/your_domain]
debug_level = 9
krb5_auth_timeout = 30      --> Add this parameter
...
[nss]
debug_level = 9
...
[pam]
debug_level = 9
```

[2] Execute the cleaning of sssd cache

```
# systemctl stop sssd ; rm -rf /var/log/sssd/* /var/lib/sss/{db,mc}/* ; systemctl start sssd
```

[3] Monitor your system until the issue happen again, then, share the below evidences. Please, share the console outputs.

```
# date; id ipa_user
# date; kinit ipa_user
# date; klist
# date; ipa config-show --> Execute in a IPA Server.
# ipa hbactest --user=<user> --host=<host.domain.com> --service=ssh --> Execute in a IPA Server.
# date; ssh -l ipa_user@ipa_domain localhost
```

[4] Share a fresh sos report.

IDM

Tuesday, April 12, 2022 5:03 PM

IDM- information

udgotl2038.idm.udtrucks.net this is the hidden replica so don't connect on this GUI (Don't use in client)
udgotl2035.idm.udtrucks.net master 1
udgotl2036.idm.udtrucks.net master 2
udgotl2037.idm.udtrucks.net master 3

Valid_user="admin"
Valid_pwd="idmudtrucks123"
AD_user="cs-ws-s-idm-mon@udcn.udtrucks.net"
AD_pwd="L@@ivp34M98xviT"

AD Contact:
Deepak Chawla <deepakchawla@hcl.com>; Vadivel G <vadivel.g@hcl.com>; Oliver Bush <oliver.bush@hcl.com>

==========

getent group unix_62000245_nonprod_high_users@idm.udtrucks.net

Step 1:- users group creation
ipa group-add unix_leonwm_high_users

Step 2:- host group creation
ipa hostgroup-add unix_leonwm_high_hosts

Step 3:- HBAC rule creation
ipa hbacrule-add hbac_unix_leonwm_high --servicecat='all'

Step 4:- To add groups & hosts to the HBAC
ipa hbacrule-add-host hbac_unix_leonwm_high --hostgroups=unix_leonwm_high_hosts
ipa hbacrule-add-user hbac_unix_leonwm_high --groups=unix_leonwm_high_users

Step 5:- to create sudo rule
ipa sudorule-add sudo_unix_leonwm_high --cmdcat=all

Step 6:- To add groups & Hosts to sudo group
ipa sudorule-add-user sudo_unix_leonwm_high --groups=unix_leonwm_high_users
ipa sudorule-add-host sudo_unix_leonwm_high --hostgroups=unix_leonwm_high_hosts

Step 6:- To add servers to IDM group
ipa hostgroup-add-member --hosts=srv01853.leo-internal.net unix_leonwm_high_hosts
ipa host-show srv01853.leo-internal.net

Step 7:- To create user ID in IDM
ipa user-add hx10650 --first=Daphnee --last=Bisschop --email=daphnee.bisschop@hcl.com

Step 8 :- To add user ID to IDM groups
ipa group-add-member unix_leonwm_high_users --users=hx10650

User Authentication

Monday, March 6, 2023 3:31 PM

https://access.redhat.com/support/cases/#/case/03527235

sssctl domain-list
ssl domain-status default
nslookup -type=srv _ldap._tcp.SE-GOT._sites.vcn.ds.volvo.net
sssctl domain-status default

needs-restarting
needs-restarting -r

```
root@udgotl2039# sssd -i -d9
(2023-03-06 10:59:53:220304): [sssd] [check_file] (0x0400): lstat for [/var/run/nscd/socket] failed: [2][No such file or directory].
(2023-03-06 10:59:53:220394): [sssd] [check_file] (0x0400): lstat for [/var/run/sssd.pid] failed: [2][No such file or directory].
(2023-03-06 10:59:53:222392): [sssd] [ldb] (0x0400): server_sort:Unable to register control with rootdse!
(2023-03-06 10:59:53:246537): [sssd] [sss_ini_get_config] (0x0010): Failed to parse configuration. Error 5.
(2023-03-06 10:59:53:246580): [sssd] [sss_ini_get_config] (0x0010): Errors detected while parsing: /etc/sssd/sssd.conf
(2023-03-06 10:59:53:246611): [sssd] [sss_ini_config_print_errors] (0x0010): Error (5) on line 2: Equal sign is missing.
(2023-03-06 10:59:53:246629): [sssd] [confdb_ldif_from_ini_file] (0x0010): Failed to load configuration
(2023-03-06 10:59:53:246641): [sssd] [confdb_init_db] (0x0020): Cannot convert INI to LDIF [5]: [Input/output error]
(2023-03-06 10:59:53:246662): [sssd] [confdb_setup] (0x0010): ConfDB initialization has failed [5]: Input/output error
(2023-03-06 10:59:53:246692): [sssd] [load_configuration] (0x0010): Unable to setup ConfDB [5]: Input/output error
(2023-03-06 10:59:53:246706): [sssd] [main] (0x0020): SSSD couldn't load the configuration database.
root@udgotl2039#
root@udgotl2039# rpm -qa |grep ldb
libldb-1.5.4-2.el7_9.x86_64
root@udgotl2039#
```

tar czvf /tmp/sssd-debug_$(hostname | cut -d"." -f1)_$(date +%F).tar.gz /etc/sssd/ /var/log/secure /var/log/messages /var/log/sssd /etc/nsswitch.conf /etc/krb5.conf /etc/samba/smb.conf /etc/pam.d

dig srv _ldap._tcp.idm.udtrucks.net

dig srv _ldap._tcp.dc._msdcs.idm.udtrucks.net
dig srv _kerberos._tcp.idm.udtrucks.net

ldap_use_tokengroups = True
ldap_group_nesting_level = 0
ldap_groups_use_matching_rule_in_chain = True
ldap_initgroups_use_matching_rule_in_chain = True

service sssd stop ; rm -f /var/lib/sss/db/* /var/log/sssd/* ; service sssd start

==========

dig -t SRV _ldap._tcp.example.com
dig -t SRV _ldap._tcp.dc._msdcs.example.com
dig -t SRV _kerberos._tcp.example.com

```
dig -t SRV _ldap._tcp.example.com
```

From <https://access.redhat.com/support/cases/#/case/03449808>

Name: got.ad.volvo.net
Address: 131.97.140.5
Name: got.ad.volvo.net
Address: 131.97.143.21
Name: got.ad.volvo.net
Address: 131.97.140.4

Proxy server : segotl4669 - 153.112.167.196
Proxy server : segotl4668 - 153.112.166.43

Policy Servers:

segotl3505.srv.volvo.com
segotl3506.srv.volvo.com
segotl3507.srv.volvo.com
segotl3508.srv.volvo.com
segotl3509.srv.volvo.com
segotl3510.srv.volvo.com
segotl3511.srv.volvo.com
segotl3512.srv.volvo.com
segotl3513.srv.volvo.com
segotl3514.srv.volvo.com

19/07/23

Network team/DICA

Wednesday, June 29, 2022 4:41 PM

UDTNetworkSecurity@hcl.com

[4:20 PM] Nitesh Kumar, HCL Europe
GSS_NetworkSecurityFirewall <GSSNetworkSecurityFW@hcl.com>
Pawan Shukla <pawan.shukla@hcl.com>; P Naveen <naveenp@hcl.com>; Kamal Bhupendrakumar Modi <kamalbhupendr.modi@hcl.com>

samuel.nwankwo@hcl.com -> Vlan Team

Firewall Team
P Naveen <naveenp@hcl.com
narendra.morampudi@hcl.com
mandava.k@hcl.com

manjunathababu.m@hcl.com - DNS team

Pending

Tuesday, April 5, 2022 6:20 PM

- Cluster patching session to be arranged (Action : @Ashok Kumar)
  Ashok to check the Documentation of cluster patching (Action : @Ashok Kumar)
  23/03 : Awaiting Ashok with the Information.

- NimSoft and MoogSoft Access
  Ashok to check any read access can be given to OS team (Action : @Ashok Kumar)

- Hands& Feet contact Information

- INC - UDCN - 18th
- Cluster patching and Maintenance mode discussion

MyXalytics

Wednesday, April 6, 2022 5:21 PM

msandhya@hcl.com
shikha.gu@hcl.com

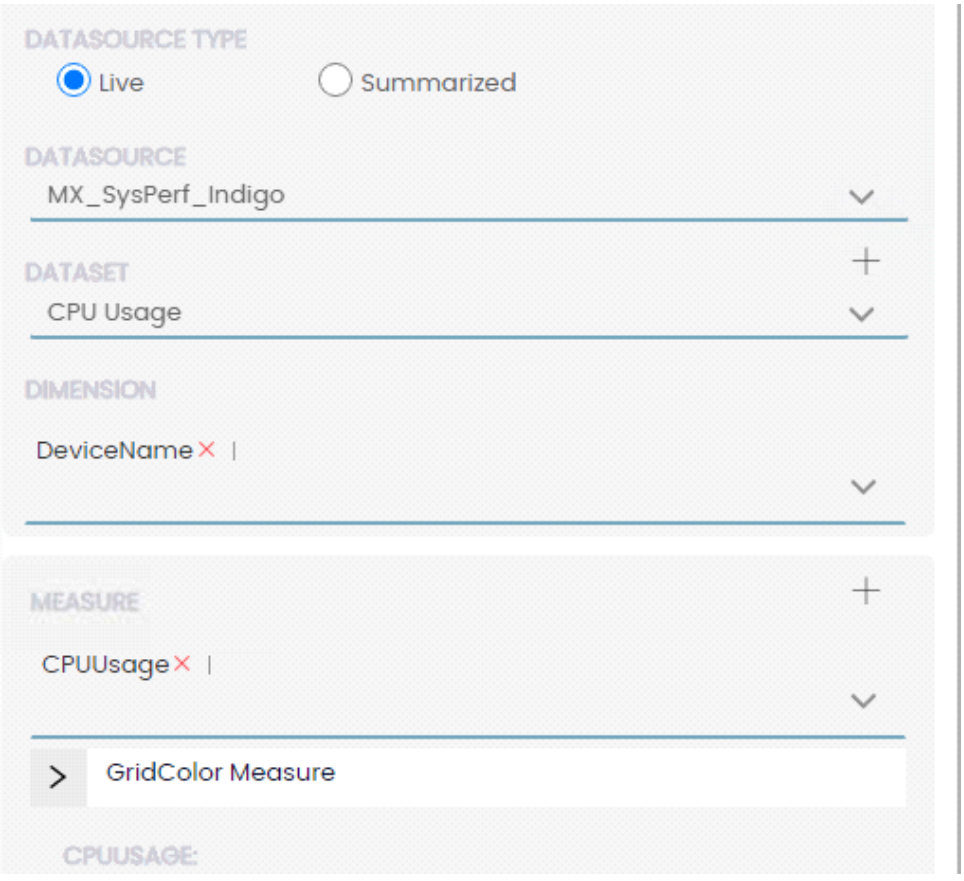
Performance / Availability Retention:
Raw Data : 30 Days
Hourly data : 6 months
Daily Data : 1 year
Event Data Retention : 1 year

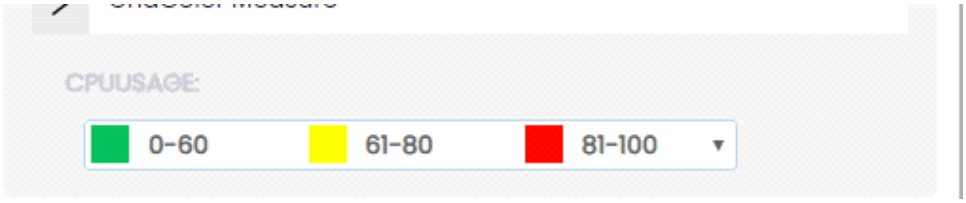
Custom report in myxalytics - will be covered later.

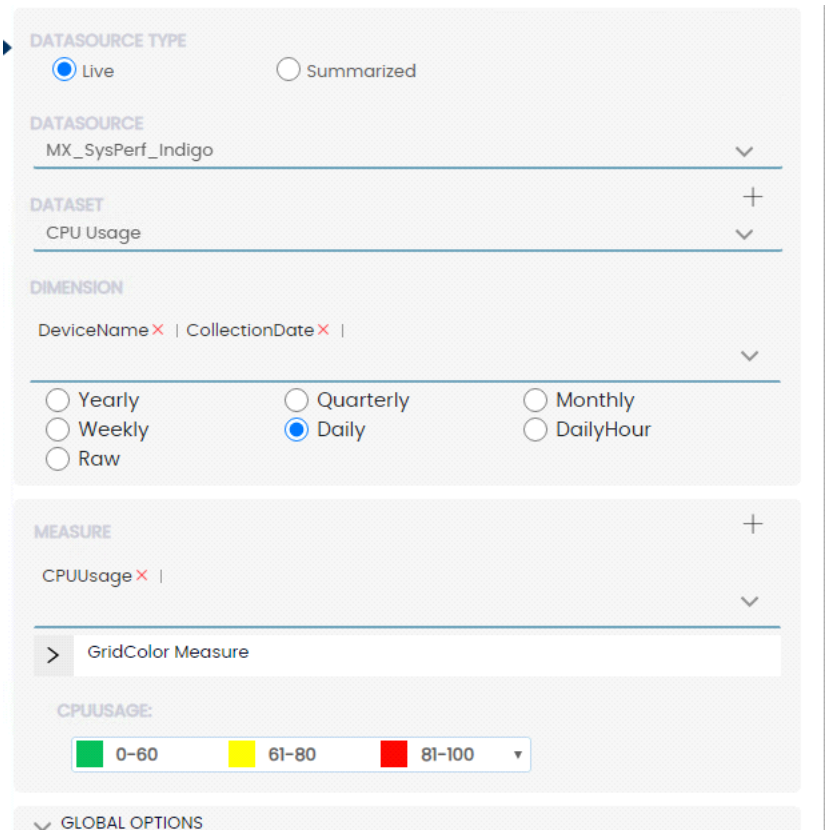
Availability report for Linux
For particular server we want to see INC created
MyXalytics Access part - Shikha Gupta - will be sharing template. --> Generic ID

We have moogsoft console to put the server in maintenance mode. (shiv.kumarrai@hcl.com)
Cisco UCSD --sharma_viveks@hcl.com

https://myxalytics-eu.dryicehcl.com/
Motu@2021




CPUUSAGE:
0-60
61-80
81-100


DATASOURCE TYPE
Live
Summarized
DATASOURCE
MX_SysPerf_Indigo
DATASET
CPU Usage
DIMENSION
DeviceName
CollectionDate
Yearly
Quarterly
Monthly
Weekly
Daily
DailyHour
Raw
MEASURE
CPUUsage
GridColor Measure
CPUUSAGE:
0-60
61-80
81-100
GLOBAL OPTIONS

MTaaS BAU and Program Collaboration

Thursday, April 7, 2022 1:02 PM

Nimsoft access to secured.
Nimsoft IM connector Installation.
Moogsoft Console.
Escalation Matrix

Ansible Tower UD:
==========
Apoorv Pandey <apoorv.pandey@hcl.com>
Anupadma S <anupadma.s@hcl.com>

Mtaas - escalation:
==========
MTaaS-SRE <MTaaS-SRE@hcl.com>

Big-fix --> akshay-ku@hcl.com
soni_ajaykumar@hcl.com --> Moogsoft

Moogsoft or through snow - put server in maintenance mode.

Moogsoft - no general ID is possible. Because of MFA.
NIMsoft - access will be given. (Muthu)
I will check Ajit - to put server into maintenance mode.

We can put server in maintenance mode through MyCloud

AWX TOWER --> apoorv.pandey@hcl.com

Description	Tools/Category	MTaaS Response
How many packages are agreed to create and deploy by MTaaS team during operations per month?	MTaaS/BigFix	2 Deployment as per the current BoM, please refer Phase II BoM – Tab *Assumptions*
How automatic Maintenance mode works for server monitoring during CI and patching deployment?	MTaaS/BigFix	Had a discussion with BigFix Team, and need more clarity on the ask
If we need to create package more than the agreed number, what is the process and how to request?	MTaaS/BigFix	(Shany to Schedule a separate meeting with Account, PMG, DRYiCE Architect, Ripun to know the options and cost)
Need to create exception group for CI deployment	MTaaS/BigFix	Team is having required access and can create the groups on their own, however if they have a different requirement please call out specifically
CI Packaging challenges and Deployment challenges.	MTaaS/BigFix	None at BigFix end
Cluster servers patching procedure through Bigfix	MTaaS/BigFix	Need to understand the requirements and details
What is the lead period, to create and test the package?	MTaaS/BigFix	6-7 business days (*this will vary based on the requirement complexity*)
Can we get or pull the compliancy report for package deployment?	MTaaS/BigFix	Is team looking for Software Inventory Report or Patch Compliance Report?
Need Logs and Basic troubleshooting steps to see the deployment progress/success/failure from server end	MTaaS/BigFix	SOP's have been shared by BigFix Team for Window & Linux, still if there are doubts and questions please share with us via email
Session for MyXalytics	MTaaS/MyXalytics	Sandhya will schedule
How probes are applied to each server based on the role? Example SQL probe for SQL server, Cluster probe for Cluster Server, IIS probe for IIS server etc. Is it automatic or need to manually request MTAAS team? Is it that build team need request MTAAS team to apply particular probe on the server while adding server to monitoring?	MTaaS/NimSoft	01. SQL stand-alone default monitoring will be deployed automatically 02. Other SQL variants will require manual configuration 03. IIS, JBOSS, AD Server etc. will require manual configuration
If there is an issue with hub server role, will it be managed by MTAAS	MTaaS/Nim	Are you referring to Window Role or Application Role? If application

Team? Do we have monitoring for hub server role and monitored by MTaaS team?	Soft	role it will be handled and managed by Tools Team. Application connectivity check (*heartbeat*) has been configured to monitor the application
Need confirmation from MTaaS team. As per last update from Ashok, NimSoft Team upgrade agent from UIM console if required as per vendor recommendation or when required.	MTaaS/NimSoft	As per vendor recommendation
Need confirmation from MTaaS team. As per last update from Ashok, if there any Nimsoft agent issue, Tools (NimSoft) Team will be managing it. Ajay from MTaaS shared the basic troubleshooting document. if basic troubleshooting steps not helps to resolve the agent issue, Nimsoft team will manage to support agent issue through incident.	MTaaS/NimSoft	Correct
How many servers are visible/reporting status in the Nimsoft console at present	MTaaS/NimSoft	Approximately 481 servers are currently reporting to NimSoft, going forward once NimSoft console access is provided the count can be checked by the team itself
Need existing server alerts from Nimsoft/Moogsoft for windows servers	MTaaS/NimSoft	01. NimSoft Alerts can be seen once access is granted 02. Alert forwarded from NimSoft and received at MoM layer can be seen at MoogSoft console
Need access to Nimsoft/Moogsoft/MyXalytics Console	MTaaS/Tools Access	Ashok and Team is checking the options
What is the status of configuring monitoring parameters shared by Windows Server Design team	MTaaS/NimSoft	Final parameters have been configured as agreed

Patching

Friday, February 10, 2023 11:37 PM

```
echo 1 > /proc/sys/vm/overcommit_memory
```

root@udgotl2087# yum update --exclude=TIVsm-API,TIVsm-API64,TIVsm-BA
Updating Subscription Management repositories.
memory alloc (11826624 bytes) returned NULL.
root@udgotl2087#

[Process requesting memory allocation more than total RAM resulting in error memory alloc (xxxxxxxxxxx bytes) returned NULL. - Red Hat Customer Portal]

My Cloud

Wednesday, March 30, 2022 5:10 PM

Private Cloud - VMware
Public Cloud - Azure, No Nimsoft, TSM

Region: Japan and west Europe
Each region will have 4 subscription , Dev, Test, QA, Prod

Function API from MyCloud (Json format) based on the request Azure VM will be provisioned.

Market place Image.
Azure Monitoring - Log analytics - event hub - moogsoft- ITSM- will create INC.
Putting server in maintenance using moogsoft
Azure Backup recovery vault -> No Basic server
Patching BigFix
IBM Backup

Configuration Management ? Ansible - CIS Azure Native
User Authentication? -- IDM

Sl No	Update Classification	Description
1	Critical & Security Updates	Specifies a widely released fix for a product-specific, security-related vulnerability
2	Other Updates	

udamsl0015
10.180.206.5
hcladmin
SA@Techn!2017d

Backup

Tuesday, March 29, 2022 11:26 AM

- Automation is currently configured to have Agent based backup only for following conditions
    - MyCloud Servers build with SQL addon
    - MyCloud Servers build with more than 1 TB of total disk size

- In case of Agent based backup, MyCloud is calling Ansible and Ansible is calling bigfix to install agent over the machine.
    - Variable list: target hostname, server location

- If SQL Addon included, Mycloud Automation is included for TDP SQL deployment and configuration for SQL Backup.

- As per latest update from Amit, VM's with more than 1 TB total disk size can be included in snapshot backup. Agent level backup is not required. @Amit Thapliyal, Kindly take it forward and request team to update in the existing mycloud/ansible automation configuration.

- VM with RDM disks and Cluster configuration, not using Automation (mycloud/ansible) for server deployment and the Backup. Cluster is manually congiured for backup, including TDP SQL.

- Japan and Thailand Sites – Backup to be confiured Manually for Clients

- If MyCLoud automation failed during any task sequence, it will raise an incident in SNOW and assign to respective team.

- @Sandhya M to share the FRS creation of VM for Windows, Share the scripts and Mycloud/Ansible Task sequence or work flow document for backup configuration.

- Backup Operation/Backup Project/Windows team to review the document and scripts will share by Sandhya and next call to be scheduled.

agent basic - VM -RDM/ SQL DB

additional - 1TB/doesnot have any RDM/ SQL DB - will take snapshot.
Since it is not possible to snapshot backup servers having RDM disks, SPP is not applicable for servers/Clusters with RDM's.

In case of Policy based backup:
variable list

VM hostname
Backup policy name

In case of Agent based backup (ansible is calling bigfix to install agent over the machine)
variable list

target hostname
server location

TDP - Tivoli Data Protector --
Policy basic - Snapshot backup

File level restoration - I will confirm Diwaker with today

Nimsoft

Wednesday, April 13, 2022 5:39 PM

Login to 10.180.32.100
Click Infrastructure Manager
Test

BiondiD@hcltech.com
dhirendrasingh@hcltech.com
manoja.r@hcltech.com
gss.support.bsmtools@hcltech.com

User@123

Nimsoft collector send data to moogsoft

Able to see the agent status and alerts information. How to export the report?

If Nimsoft is integrated to SNOW, will it create incidents for the existing active alerts?

-> No

How to see the monitoring thresholds, interval etc?
If we requesting for the customer monitoring like increase or decrease the threshold or suppress the alert? how to see the custom monitoring configuration information?

There are many alerts similar to below like particular perfmon/services not found. Need more detail on the same.
10.180.33.13 udgotn0039-n1 BytesReceivedPerSec: Network Adapter//Bytes Received/sec not found
10.180.33.13 udgotn0039-n1 DiskReadBytesPerSec: LogicalDisk//Disk Read Bytes/sec not found

Please also update on the yellow highlighted question mentioned in the below screenshot, related to Nimsoft
Pratim Mutsuddy <pratimmutsuddy@hcl.com>; Sandhya M <msandhya@hcl.com>; Ajay Kumar Soni <Soni_Ajaykumar@hcl.com>; Ashok Kumar <AshokKuma@hcl.com> ---> to know the Threshold. Nimsoft
IP -Configuration for nimsoft agent - prod IP

>> Are we clearing existing alerts- Decommission servers

User Id- Indigo_Windows
User Id- Indigo_Linux
User@123

S.No.	Monitoring Parameters	Interval	Threshold	Alarm Severity	Qos Data
1	CPU Utilization	15 Min. 3 Sample	90%, 95%	Critical,major	Yes
2	Total Memory	15 Min. 3 Sample	90%, 95%	Critical, major	Yes
3	Root Disk Space Utilization	5 Min. 2 Sample	90%, 95%	Major, Critical	Yes
4	Local File System Space Utilization (/var, /tmp, /boot)	5 Min. 2 Sample	90%, 95%	Major, Critical	Yes
5	PING for Node	10 Min	UP/DOWN	Critical	Yes

6	crond	10 Min	not running	Critical	No
7	syslogd	10 Min	not running	Critical	No
8	sshd	10 Min	not running	Critical	No
9	chronyd (RHEL 7&8)	10 Min	not running	Critical	No
10	postfix	10 Min	not running	Critical	No
11	sssd(this required for RHEL-7 &8)	10 Min	not running	Critical	No
12	Pages swapped in per second is more than 100	15 Min. 3 Sample	100	Critical	YES
13	Disk Inode usase	5 Min. 2 Sample	95%, 90%	Major, Critical	

Nimsoft and Moogsoft Demo's

Friday, September 2, 2022 4:11 PM

RACI Matrix

Thursday, April 28, 2022 1:15 PM

@Saroop Singh : Need someone from CDO to drive the technical discussions to finalize the RACI.

- VMware – Project Team @Anbarasu Rangasamy , @Kambam Partha Sarathy , @Abhay Singh
- VMware – CDO - @Saroop Singh , @Arshad CA
- VMware – Ops - @Prasad Srinivas @Amruth Shetty , @Vishal Moturi
- Core - Not sure which team , there are 4 or 5 Teams under Core (Saroop : Please specify)
- OTD - @Murali Shankar
- Windows – Ops – @Guruprasad Mani @Muthuramkumar Muthukrishnan
- Linux – Ops - @Nagaraj Adinarayana , @Naresh Deenadayalan
- Remote Hardware Support - @Raziya Shaikh
- GOT DC team – @Slavisa Suzic
- Config & Auto(SCOM) - Not sure why SCOM team needed , no SCOM in UD. (Saroop : Please specify)
- Hardware Project team : @Vipin Champak , @Vivek Sharma @Sachin Sharma
- Hardware support Onsite : @Pradeep Mohan Ray , @Ravi Indra Harsha Senanayake
- Others : @Amit Thapliyal , @Brijesh kumar Pandey , @Sumesh Kallumpurathbalakrishnan , @Shany Alayadan Kandyan

Discuss

Thursday, April 28, 2022 3:02 PM

soni_ajaykumar@hcl.com - to share the server list

Monitoring Priority setup - done
Monitoring - Situation - services, Robot agent, Backup cluster

Ansible server
Cluster server naming conversion
Moogsoft access

File system level restore we have to

Servers content to be checked - it should be 1M content
Cluster server naming conversion -

08/06/2022
==========
We can send 2-3 resources name - for moogsoft access- Sumesh will send email to Managers.
For Audit - GRC Team will keep the team inform. (Anuj)
H/W related information - RHS team will take care. Sumesh will setup a call with RHS team.
DICA - project is going on - Jagan is doing - still pending
Local account creation - still under customer discussion
Restoration procedure for Physical servers with boot from SAN procedure --> Discussion on going
Compliance report: Qualys - Saurabh Suman <saurabh-suman@hcl.com> Pulkit Vashist <pulkit.v@hcl.com>

15/06/2022
==========

DICA - project is going on - Jagan is doing - still pending
Local account creation - still under customer discussion
Restoration procedure for Physical servers with boot from SAN procedure --> Discussion on going
Cluster server naming conversion and cluster configuration
Enable ping monitoring

--> about microsoft defender
--> /var file system - soe,
--> logroration
-->SNOW CMDB - ILO info

==========

Core platform based on the existing Hybrid Cloud service.

The service will reuse a limited subsets of the processes, infrastructure, teams and RUs defined for the existing Volvo Hybrid Cloud Service to provide the following facility:
- OS Support (Support level equivalent to “Bronze” or “Silver”)
- Patching
- Antivirus
- Security logging
- Backup
- Monitoring (OS level only)
- Standard SOE & Security baseline (GSS)
- Citrix remote access & Multisession when needed

Access Issue

Wednesday, August 3, 2022 5:13 PM

SSSD failed to authenticate w ([krb5_child] [create_ccache] [13][Permission denied]) - Red Hat Customer Portal

```
# chmod 644 /etc/krb5.conf
```

```
# service sssd stop ; rm -rf /var/log/sssd/* ; rm -rf /var/lib/sss/db/* ; service sssd start
```

tar czvf /tmp/sssd-debug__$(hostname -s)__$(date +%F_%H%M%S).tar.gz /etc/{sssd,nsswitch*,krb5.conf,pam.d} /var/log/{secure,messages,sssd}

```
# su - udcn\\a330505x
```

Old kernel removal

Wednesday, August 3, 2022 8:47 PM

```
yum remove $(yum repoquery --installonly --latest-limit=-2 -q)
```

Multipath disk extension

Monday, October 10, 2022 3:39 PM

```
979  multipath -ll 3600a098038314446753f50652f445672
 980  echo 1 > /sys/block/sdu/device/rescan
 981  echo 1 > /sys/block/sdk/device/rescan
 982  echo 1 > /sys/block/sdag/device/rescan
 983  echo 1 > /sys/block/sdaq/device/rescan
 984  pvresize /dev/mapper/3600a098038314446753f50652f445672
 985  lvs
 986  lvextend -r -l +100%free /dev/vg_oracle_data/lv_oracle_data
```

AD group

Thursday, October 13, 2022 5:43 PM

unix_%APM_ID%_prod_high_users_ad	unix_%APM_ID%_prod_high_users
unix_%APM_ID%_prod_medium_users_ad	unix_%APM_ID%_prod_medium_users
unix_%APM_ID%_prod_low_users_ad	unix_%APM_ID%_prod_low_users
unix_%APM_ID%_nonprod_high_users_ad	unix_%APM_ID%_nonprod_high_users
unix_%APM_ID%_nonprod_medium_users_ad	unix_%APM_ID%_nonprod_medium_users
unix_%APM_ID%_nonprod_low_users_ad	unix_%APM_ID%_nonprod_low_users

NFS

Tuesday, December 13, 2022 12:37 PM

Thanks for your support. We are able to mount the nfs file systems on below VCN servers.

jpageol0146.srv.volvo.com
jpageol0149.srv.volvo.com
jpageol0094.srv.volvo.com
jpageol0098.srv.volvo.com
jpageol0148.it.volvo.com
jpageol0156.sait.volvo.net

Source: 10.180.54.114 (udgotl2128)
Target : 153.112.24.83 (NFS Filer IP
Port: NFS Group

```
root@segotl4523# systemctl start rpc-statd
Job for rpc-statd.service failed because the control process exited with error code. See "systemctl status rpc-statd.service"
and "journalctl -xe" for details.
root@segotl4523# journalctl -xe
-- Defined-By: systemd
-- Support: http://lists.freedesktop.org/mailman/listinfo/systemd-devel
--
-- Unit nfs-config.service has finished starting up.
--
-- The start-up result is done.
Jan 05 14:03:23 segotl4523 systemd[1]: Starting NFS status monitor for NFSv2/3 locking....
-- Subject: Unit rpc-statd.service has begun start-up
-- Defined-By: systemd
-- Support: http://lists.freedesktop.org/mailman/listinfo/systemd-devel
--
-- Unit rpc-statd.service has begun starting up.
Jan 05 14:03:23 segotl4523 rpc.statd[11254]: Version 1.3.0 starting
Jan 05 14:03:23 segotl4523 rpc.statd[11254]: Flags: TI-RPC
Jan 05 14:03:23 segotl4523 rpc.statd[11254]: Failed to register (statd, 1, udp): svc_reg() err: RPC: Remote system error - Connection refused
Jan 05 14:03:23 segotl4523 rpc.statd[11254]: Failed to register (statd, 1, tcp): svc_reg() err: RPC: Remote system error - Connection refused
Jan 05 14:03:23 segotl4523 rpc.statd[11254]: Failed to register (statd, 1, udp6): svc_reg() err: RPC: Remote system error - Connection refused
Jan 05 14:03:23 segotl4523 rpc.statd[11254]: Failed to register (statd, 1, tcp6): svc_reg() err: RPC: Remote system error - Connection refused
Jan 05 14:03:23 segotl4523 rpc.statd[11254]: failed to create RPC listeners, exiting
Jan 05 14:03:23 segotl4523 systemd[1]: rpc-statd.service: control process exited, code=exited status=1
Jan 05 14:03:23 segotl4523 systemd[1]: Failed to start NFS status monitor for NFSv2/3 locking..
-- Subject: Unit rpc-statd.service has failed
```

```
-- Defined-By: systemd
-- Support: http://lists.freedesktop.org/mailman/listinfo/systemd-devel
--
-- Unit rpc-statd.service has failed.
--
-- The result is failed.
Jan 05 14:03:23 segotl4523 systemd[1]: Unit rpc-statd.service entered failed state.
Jan 05 14:03:23 segotl4523 systemd[1]: rpc-statd.service failed.
Jan 05 14:03:23 segotl4523 polkitd[993]: Unregistered Authentication Agent for unix-process:11244:288317565 (system
bus name :1.175157, object path /org/freedesktop/PolicyKit1/AuthenticationAgent, loc
root@segotl4523# df -ThP |grep nfs
root@segotl4523# df -h
Filesystem              Size  Used Avail Use% Mounted on
devtmpfs                 16G     0   16G   0% /dev
tmpfs                    16G     0   16G   0% /dev/shm
tmpfs                    16G  1.2M   16G   1% /run
tmpfs                    16G     0   16G   0% /sys/fs/cgroup
/dev/mapper/rootvg-rootvol  6.0G  3.5G  2.6G  58% /
/dev/sda1               497M  212M  286M  43% /boot
/dev/mapper/app_vg01-jira   700G  142G  559G  21% /jira
/dev/mapper/rootvg-homevol  2.0G  623M  1.4G  31% /home
/dev/mapper/rootvg-varvol   6.0G  3.0G  3.1G  50% /var
/dev/mapper/rootvg-tmpvol   4.0G   33M  4.0G   1% /tmp
tmpfs                    3.2G     0  3.2G   0% /run/user/55204
tmpfs                    3.2G     0  3.2G   0% /run/user/0
tmpfs                    3.2G     0  3.2G   0% /run/user/66428
tmpfs                    3.2G     0  3.2G   0% /run/user/62591
root@segotl4523# rpcinfo -p
rpcinfo: can't contact portmapper: RPC: Remote system error - No such file or directory
root@segotl4523# systemctl status rpc
rpcbind.service         rpcbind.target          rpcgssd.service         rpc_pipefs.target       rpc-statd-notify.service
rpcbind.socket          rpc-gssd.service        rpcidmapd.service       rpc-rquotad.service     rpc-statd.service
root@segotl4523# systemctl status rpcbind
● rpcbind.service
   Loaded: masked (/dev/null; bad)
   Active: inactive (dead)
root@segotl4523# systemctl start rpcbind
Failed to start rpcbind.service: Unit is masked.
root@segotl4523# systemctl unmask rpcbind
Removed symlink /etc/systemd/system/rpcbind.service.
root@segotl4523# systemctl start rpcbind
root@segotl4523# systemctl start rpc-statd
root@segotl4523#
```

Ca-certs

Monday, November 7, 2022 3:02 PM

Here is the process shared with OPS team:

1. Login with Root to the server and cd /etc/pki/ca-trust/source/anchors.
2. Copy the UD signer certificates to /etc/pki/ca-trust/source/anchors/ .
3. Execute update-ca-trust extract .
4. With JBOSS user, Restart the JBOSS service and verify.

PKI – Identity and Access Management
Email: gss.certificatecenter@hcl.com
Ramesh.sinnuthevan@hcl.com

UDCN P1 - Multipath Fail

Wednesday, June 28, 2023 2:35 PM

DELL Chassis

DB DC

UDGOTL2141

UDGOTL2145

UDGOTL2225

UDGOTL2227

UDGOTL2232

ARDH DC

UDGOTL2142

UDGOTL2226

UDGOTL2233

UDGOTL2146

UDGOTL2129

CISCO Chassis

UDGOTL2066 UDGOTCH03 DB DC

UDGOTL2068 UDGOTCH03 DB DC

UDGOTL2070 UDGOTCH03 DB DC

UDGOTL2097 UDGOTCH03 DB DC

UDGOTL2067 UDGOTCH05 Arendal DC

UDGOTL2069 UDGOTCH05 Arendal DC

UDGOTL2071 UDGOTCH05 Arendal DC

UDGOTL2098 UDGOTCH05 Arendal DC

Lspci -nvv |grep -I ql

Number	NIC Identifier	Port	Partition	Type	Virtual MAC Address	Virtual WWPN	Virtual WWNN
3001	NIC in Mezzanine 1A	1	1	Ethernet	12:22:03:AD:01:45		
			2	FCoE	1A:22:03:AD:00:67	20:01:1A:22:03:AD:00:67	20:00:1A:22:03:AD:00:67
			3	Ethernet	12:22:03:AD:01:41		
			4	Ethernet	12:22:03:AD:01:43		
		2	1	Ethernet	12:22:03:AD:01:42		
			2	FCoE	1A:22:03:AD:00:66	20:01:1A:22:03:AD:00:66	20:00:1A:22:03:AD:00:66
			3	Ethernet	12:22:03:AD:01:44		
			4	Ethernet	12:22:03:AD:01:40		

Email - Postfix

Thursday, June 29, 2023 1:25 PM

pls use sender as udtrucks.se or udtrucks.com

Backup

Tuesday, July 11, 2023 5:10 PM

Any Database servers	TSM
Attached with RDM DISK	
rest all VM >2TB	snapshot
<2TB	TSM
adhoc snapshot backup	

COPY script

Friday, September 8, 2023 7:15 PM

```
#!/bin/bash

root_directory1="/pubtemp/bundle"
source_server="UDADMIN@UDAGOL2028.got.udtrucks.net"
destination_server="UDADMIN@UDAGOL2026.got.udtrucks.net:/home/UDADMIN/bundle"

#ssh $source_server

for root_directory in bundle/*; do
results=$(find "$root_directory" -type f -name "ReadyForTAL" -print -quit)

if [ -n "$results" ]; then
  echo "File '$target_file' found in the following locations:"
  echo "$results"
   zip -r "$root_directory.zip" "$root_directory"
   results1=$(find "$root_directory1" -type f -name "*.zip" -print -quit)
   if [ -n "$results1" ]; then
   mv "$root_directory" "/pubtemp/bundle_backup1/"
   for x in bundle/*.zip; do mv "$x" "${x%.zip}.tmp"; done
   for x in bundle/*.tmp; do scp $x $destination_server; done
   ls -ld /pubtemp/bundle/*.tmp |awk '{ print $9}'| cut -d "/" -f4 > /tmp/file
   #for x1 in `cat /tmp/file`;  do ssh UDADMIN@UDAGOL2026.got.udtrucks.net "mv "$x1" "${x1%.tmp}.zip""; done
   for x1 in `cat /tmp/file`;  do ssh UDADMIN@UDAGOL2026.got.udtrucks.net "mv /home/UDADMIN/bundle/$x1 /home/UDADMIN/bundle/
${x1%.tmp}.zip"; done
   echo "All the Required Bundles Copied to destination "
   echo "And "
   fi
else
  echo "No Bundles to copy."
fi
done
```

UDCN server health check Migration

Monday, October 9, 2023 3:51 PM

```
#Ansible: server health check
0 5,15 * * * /bin/sh /root/server-check.sh > /tmp/server-check.txt

vim /root/server-check.sh

#!/bin/bash
> /tmp/server-check.txt
chmod 777 /tmp/server-check.txt
mon=$(date +'%b')
day=$(date +'%d')
Uptime=`uptime | awk '{print $3,$4}' | cut -d "," -f 1`
Hostname=`hostname`
loadavg=`cat /proc/loadavg`
logs=`grep -wi 'kernel panic\|nfs stale\|out of memory\|nfs not responding' /var/log/messages | grep -E "$mon[ ]+$day"`
kernelpanic=`grep -wi 'kernel panic' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
nfs=`grep -wi 'nfs' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
oom=`grep -wi 'out of memory' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
fs=`df -P | awk '0+$5 >= 90 {print}' | awk '{print $6}'`
fsperc=`df -P | awk '0+$5 >= 80 {print}' | awk '{print $5}'`
steal=`/bin/sar -u | grep -i 'Average' | awk '{print $7}'`
nimbus=`systemctl is-active nimbus`
kernel=`/bin/uname -r`
readonlyfs=`cat /proc/mounts | grep ro, | grep -e tmps | awk '{print $2}'`
lastpatch=`rpm -qa --last | grep kernel | awk 'NR==1{print $3,$4,$5}'`
echo "<tr>"
echo "<td>$Hostname</td>"
echo "<td>$Uptime</td>"
echo "<td>$loadavg</td>"

if [ -z "$logs" ]
then
   echo "<td>No Errors</td>"
else
   echo "<td  bgcolor="red">Kernel Panic : $kernelpanic <br> NFS : $nfs <br> OOM : $oom </td>"
fi

if [ -z "$fs" ]
then
   echo "<td>No FS Above 90%</td>"
else
   echo "<td bgcolor="red">$fs FS reached $fsperc</td>"
fi
echo "<td>$steal</td>"
echo "<td>$nimbus</td>"
echo "<td>$kernel</td>"
if [ -z "$readonlyfs" ]
then
   echo "<td>No Readonly FS</td>"
else
   echo "<td bgcolor="red">$readonlyfs</td>"
```

```
fi
echo "<td>$lastpatch</td>"
echo "</tr>"
```

Check who is having root access - IDM

Monday, November 13, 2023 7:58 PM

ipa sudocmdgroup-find |grep "Sudo Command Group:" --> get all the sudo command groups

ipa sudorule-find --sizelimit=0 --> List all the sudo rules

for i in `cat /tmp/f`; do ipa sudorule-show $i |grep Command; done --> Get Command argument

ipa sudorule-show allow_hcl_unix_114477_nonprod_high_rule --> Get Users group

getent group hcl_unix_jas_high_users

UDCN Architecture Office

Wednesday, April 3, 2024 2:37 PM

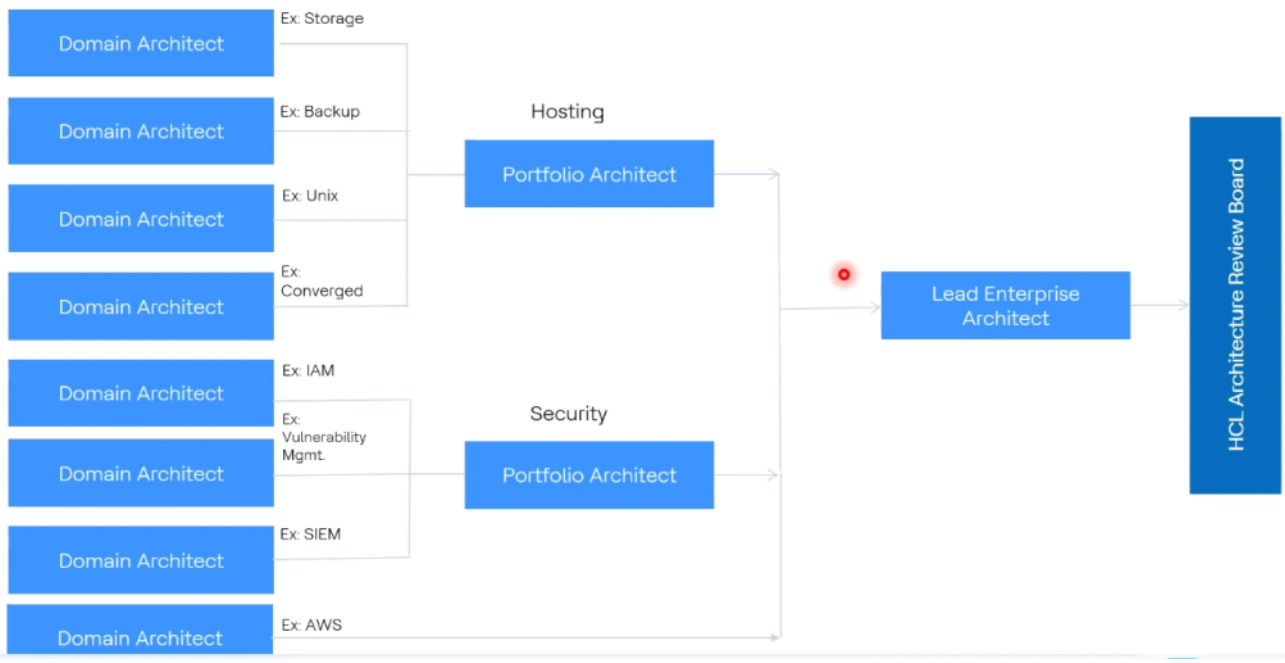
Why Architecture Office?

Goal

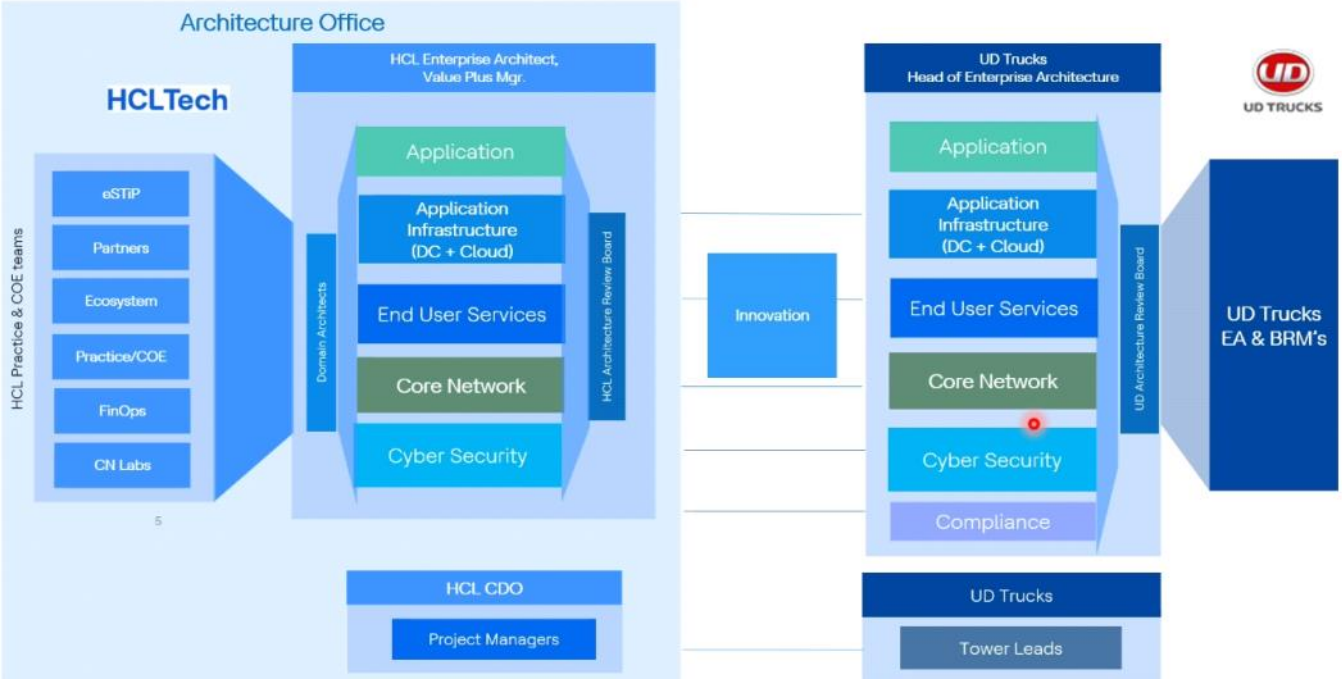
To be a single point of contact for Technical information. We will ensure

- Alignment to UD's IT Strategy, Roadmap and Architecture Principles
- UD's Long-term and Short-term IT goals
- Access to up-to-date design documents per domain
- Roadmap for each domain, includes Life cycle management
- Suggestion for improvements
- List of Inflight projects
- Technology radar

3 HCL Architecture Office - Representation



Architecture Office Structure



Practice Team:
Framework - Architect :
TOGAF (The Open Group Architecture Framework)
Zachman Framework
FEAF (Federal Enterprise Architecture Framework):
Gartner Enterprise Architecture Framework
DoDAF (Department of Defense Architecture Framework):

Iserver - as repository

Minimum viable product

A **minimum viable product** (**MVP**) is a version of a product with just enough features to be usable by early customers who can then provide feedback for future ...

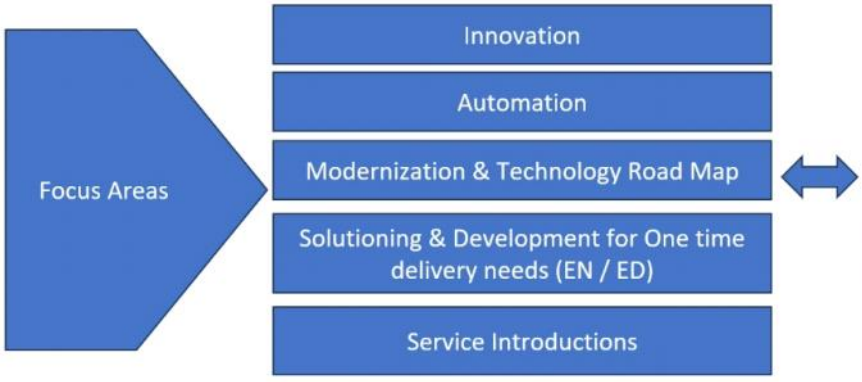
Sl.No	Domain	Description of Request	equest Raised By (	Request Type	Proactive Vs Reactiv	Creation Dat	Target Closure Date
REQ000987953	Storage	New Data Storage solution for VnV applications - LS-Dyna, Fluent, and ANSYS mechanical		Enhancement	Reactive	2024-01-18	
REQ000987976	Other	Request AOM Runtime Service for UD PROMPT		Enhancement	Reactive	2024-01-18	2024-03-29
REQ000989026	Database	Request to create snapshot database for SAINT QA- DB2 DataBase		Enhancement	Reactive	2024-01-19	2024-03-31
REQ000990558	Other	SAML authentication configuration for UD Jira application		Enhancement	Reactive	2024-01-25	2024-03-29
REQ001005490	Other	IBM IDZ - Proposal from HCL		New Requirement	Reactive	2024-02-16	
REQ001005414	Database	OTM ATLAS Upgrade OTM 6.4.3 to 6.5.2 with pre-study		Enhancement	Reactive	2024-02-16	
REQ001006824	Network	[TH][TSA] WLC & AP Replacement		Enhancement	Reactive	2024-02-19	
REQ001012197	Other	Soti License renewal for 2024		Enhancement	Reactive	2024-02-27	
REQ001012098	Other	IPT Hunt Group configuration for ACC		Enhancement	Reactive	2024-02-27	
REQ001013935	Other	Request to automate Qlik Sense application access mechanism using Saviynt SNOW request to		Enhancement	Reactive	2024-02-29	
REQ001015801	Network	Security camera renewal		New Requirement	Reactive	2024-03-04	2024-03-31
REQ001016559	Other	Request Planner Service (for ISUZU) integrated with ISAM		Enhancement	Reactive	2024-03-05	2024-04-12
REQ001016598	Other	Infra support for server build, DB creation\Rollback and other cutover activity for SIM one time		Enhancement	Reactive	2024-03-06	
REQ001020236	Other	Requesting for AOM service		Enhancement	Reactive	2024-03-11	
	Network	SD-WAN Deployment for UD		New Requirement	Proactive	2024-02-01	
	Converged	Release of Spare Server Capacity		New Requirement	Proactive	2024-01-01	
	Azure	Azure to On-Premise VM Migration		New Requirement	Proactive	2024-01-01	
	Storage	Storage Billing RU Streamlining		New Requirement	Proactive	2024-02-01	
	Other	Application Assessment from Infrastructure Side		New Requirement	Proactive	2023-12-01	
	Network	Automation for Compliance Check for Network Devices		New Requirement	Proactive	2024-03-15	

EKM - portal

Internal Cadence

What?	Who?	When?	Outcomes?
Sync up with Eng/Tower Leads	Enterprise Architect & Eng/Tower Leads	Monthly	Identify key initiatives Inflight projects
Sync up with Service Delivery	Enterprise Architect & Delivery Lead/Domain Architects	Monthly	Architectural/Design changes to improve efficiency
Cadence with HCL Practice SPOC's	Enterprise Architect & HCL Practice SPCO's / Domain Architects	Bi-weekly	Trends relevant to UD impacting Business and IT efficiency
Cadence with HCL Domain Architects	Enterprise Architect & Domain Architects	Weekly	Identify initiatives Roadmap for each domain

Expectations from Domain Architects



Enablement

- Domain Architects will be aligned with HCL Practice Teams
- Domain Architects will adopt to learnings from other HCL Accounts
- Domain Architects will leverage the OEM Partner relationships for Technology Enhancements
- Enterprise Architect will ensure connect with the key vendors through Practice & Ecosystem teams

Governance

Probable KPI's

Function	Category	KPI	Remark	Tools Used for Measure
Innovation Council	CSI/Value	Number of new ideas generated	Quantity of innovative ideas produced by the Council. Good indicator of the council's overall effectiveness in generating fresh ideas.	JIRA/HCL Value Portal
		Idea conversion rate	Number of ideas that successfully make it through the innovation pipeline and into the development stage. Helps UD Trucks understand how well the council is executing on ideas generated.	
		Time-to-market for new products	Time it takes for an idea generated by the Council to become available. UD Trucks can increase its speed of innovation and competitiveness in the market.	
		Innovation ROI	Return on investment (ROI) for innovations generated by the Council. Helps UD Trucks assess the financial impact of innovation efforts and determine where to allocate resources..	

What is the current state?
What is the target state?
Problem
Recurring problems - Find the root cause, propose them to stop this recurring problem.

Recurring Activities --> Automation

We need to create a Roadmap
Ideas
Current running projects --> Identify any
Value creation Portal
ARM template

Idea - Converted to the Projects - ISR will be created once its approved.

Re-active - Customer
Pro-active - We

KM - Portal

19 years of experience in IT
Storage and Backup
Solution Architect
Cloud

==========
No Config management tool - like puppet
Ansible Automation Patching

Morning Health check
Backup status - link

14/05/2024
==========
Vendor list to be updated - UD Trucks vendor
Sales Funnel to be updated
Value Creation - KT
Create a RoadMap for UDCN
- Issues
- Any improvements

Huddle

Monday, April 25, 2022 12:01 PM

- UDCN tickets
- Snapcreator
- Wireless

- For TSM server reboot - They have standard change.
- All ORA UD INC can be move to db team

- Update the /etc/hosts in jump host
- AWS **Cloud Practitioner Essentials** training

20-9-22

- We are getting multiple UDCN
- Backup failure tickets -->
- Nfs file system issue -->

- Ansible server patching - nfs/cifs not mounting

21-9-22

- UDCN - ILO access

CIS

Tuesday, November 2, 2021 5:31 PM

Volvo Group Indigo Program - Linux - All Documents (sharepoint.com)

From <https://teams.microsoft.com/multi-window/?agent=electron&version=21090302913>

Solution Architecture Design-INDIGO-Linux_v0.5.docx

From <https://teams.microsoft.com/multi-window/?agent=electron&version=21090302913>

Cisco Training

Wednesday, December 1, 2021 8:32 PM

[8:20 PM] Nagaraj Adinarayana
regd the CISCO Hardware training

[8:20 PM] Nagaraj Adinarayana
DCACI: Parthiban's class 13 – 17 Dec
DCIUCS: Harjinder's class from 27 – 28 Dec
UCSDF: Jayashanker' S class from 20 – 22 Dec

Storage Vlan

Monday, March 14, 2022 5:41 PM

I/160260.0003.003

WBS I/160276.0005 - VLAN Migration

```
df -ThP |grep nfs |awk '{print $1}' |cut -d ":" -f 1 |sort |uniq
for i in `cat /tmp/st`; do grep $i /etc/hosts; done |awk '{print $1}'
grep nfs /etc/fstab |grep -v "#" |awk '{print $1}' |cut -d ":" -f 1|sort|uniq
```

lun show -fields serial-hex -- to get the hex-serial number - Match with LUN number.

Azure

Tuesday, November 9, 2021 5:08 PM

https://rms-new.netlify.app/third_party?batch_header=101680

Exam AZ-104: Microsoft Azure Administrator - Learn | Microsoft Docs

www.microsoftazurepass.com --> Subscription

http://portal.azure.com/ --> Azure Portal

https://azure.microsoft.com/en-in/global-infrastructure/

https://microsoftlearning.github.io/AZ-104-MicrosoftAzureAdministrator/ --> Azure Labs

AZ-104-MicrosoftAzureAdministrator (microsoftlearning.github.io)

Get-Help New-AzVirtualNetwork -examples

Tutorial - Connect on-premises network to virtual network: Azure portal - Azure VPN Gateway | Microsoft Docs

https://www.koenig-solutions.com/account/login
Username: your official email ID
Password: 101680

Exam AZ-104: Microsoft Azure Administrator - Learn | Microsoft Docs
Exam AZ-104: Microsoft Azure Administrator | VCEplus.com

Pass Microsoft AZ-104 exam - questions - convert vce to pdf (gratisexam.com)

Joel.isaac@koenig-solutions.com

https://azureaggregator.wordpress.com/2022/07/28/optimizing-network-throughput-on-azure-m-series-vms/

OS Patching

Wednesday, May 24, 2023 3:14 PM

Truck Master
CBW

Monthly Patching…

Change ticket will be created by Cloud Ops team..

Azure ID

Saturday, February 25, 2023 6:31 AM

Cloud ID: nashd123@volvogroup.onmicrosoft.com
Password: Gala3553
Motu@2021
Vichu@1994

Cloud ID: nardee@udtrucks.onmicrosoft.com
Password: Woza3899

OS Patching

Friday, March 17, 2023 4:42 PM

Keeping the server in mainteanance mode:
Check the backup/snap status before patching:
stop the application
check the installaed version
check the available version
cat /etc/yum/vars/releasever
dnf update
Update manager - waiting for sechudluler --> security patches

Hana - it should not beyond 8.4

805d01.euw-hub03.azure.volvo.net. cloud.volvo.net

Stripping

Friday, June 24, 2022 3:45 PM

lvcreate --extents $sizeLoc%VG --stripes $numRaidDevices --stripesize 256k --name $lvNameLoc $vgName)

pvcreate /dev/{sdc-n}

```
110  pvcreate /dev/sdi /dev/sdj /dev/sdk
111  pvs
112  vgcreate hanasharedvg /dev/sdi
113  vgs
114  lvcreate -l 100%FREE -n hanasharedlv hanasharedvg
115  lvs
116  mkfs.xfs /dev/hanasharedvg/hanasharedlv
117  vgcreate hanabackvg /dev/sdj /dev/sdk
118  lvcreate -l 100%FREE --stripes 2 --stripesize 256k --name hanabacklv hanabackvg
119  mkfs.xfs /dev/hanabackvg/hanabacklv
120  vi /etc/fstab
121  cat /etc/fstab
122  mkdir /hana/backup /hana/shared
123  mount -a
124  df -ThP
125  lvs --segments
```

==========

```
27  pvcreate /dev/sdo /dev/sdp /dev/sdq /dev/sdr /dev/sds
28  vgcreate hanadatavg /dev/sdo /dev/sdp /dev/sdq /dev/sdr
29  lvcreate -l 100%FREE --stripes 4 --stripesize 256k --name hanadatalv hanadatavg
30  lvs
31  mkfs.xfs /dev/hanadatavg/hanadatalv
32  lsblk
33  pvcreate /dev/sdt /dev/sdu /dev/sdv
34  pvs
35  vgcreate hanabackupvg /dev/sdt /dev/sdu /dev/sdv
36  lvcreate -l 100%FREE --stripes 3 --stripesize 256k --name hanabackuplv hanabackupvg
37  lvs
38  mkfs.xfs /dev/hanabackupvg/hanabackuplv
39  lsblk
40  pvs
41  vgcreate hanasharedvg /dev/sds
42  lvcreate -l 100%FREE -n hanasharedlv hanasharedvg
43  mkfs.xfs /dev/hanasharedvg/hanasharedlv
44  lsblk
45  pvcreate /dev/sdw
46  vgcreate sapvg /dev/sdw
47  lvcreate -l 100%FREE -n saplv sapvg
48  mkfs.xfs /dev/sapvg/saplv
49  cp /etc/fstab /etc/fstab-bkp
```

Resize an OS disk that has a GPT partition - Azure Virtual Machines | Microsoft Learn

https://learn.microsoft.com/en-us/azure/virtual-machines/linux/expand-disks

Volvo Handover

Thursday, January 12, 2023 1:07 PM

https://hclo365eur.sharepoint.com/sites/GSSCloudServices2.0694-4Documentation/Shared%20Documents/Forms/AllItems.aspx?csf=1&web=1&e=U9Z6cw&ovuser=189de737%2Dc93a%2D4f5a%2D8b68%2D6f4ca9941912%2Cnaveen%2Dkumark%40hcl%2Ecom&OR=Teams%2DHL&CT=1647597983617&params=eyJBcHBOYW1lIjoiVGVhbXMtRGVza3RvcCIsIkFwcFZlcnNpb24iOiIyNy8yMjAyMDcwMTgxMiJ9&cid=c71bcf8c%2De6a7%2D4a14%2D9a52%2Daeaa48edb8c9&FolderCTID=0x01200025201E97B9B4344FB3BB0C998CC0C923&id=%2Fsites%2FGSSCloudServices2%2E0694%2D4Documentation%2FShared%20Documents%2F4%20Documentation%2F1%20Customer%20Documentation%2F1%20Volvo%20AB&viewid=8fa41c41%2Ddf6d%2D43bc%2Db935%2D768f55d149fb

From <https://teams.microsoft.com/multi-window/?agent=electron&version=23010505600>

Naming Conversion: Azure apmID env 01 linux application
Through apmID builling will be

Azure Backup both file and nfs

Cronjob --> nfs file system backup,
99.99 SLA

14 Days - is for all both file,nfs,snapshot

Addition of disk/Change of the VM Size - SAP team will raise a Change ticket

Cloud operation team: --> new alias IP

----------19/01/2023----------

Native Azure update manager: - Azure Cloud ops Team will be notified by alert/INC

Standard Maintenance window - :
PROD: ->
Not sure: about Change process

No Maintenance window possible:
Centralized Update Manager:
Every month Security patch will be pushed

Any automation : like we can push config through azure
Naveen - will share root password
Need to disable below users:
Hcladmin
Sapuser
How sudoers permission managed?

Need more clarity on user management

OS Patching will be discussed later:
Security Patching: Azure through update manager: ->
Monthly Patching
What will be impact if sap team is not shutdown the service and azure executes the update manager
Agree maintenance window will

Lab

Tuesday, November 9, 2021 5:09 PM

az104-01a-aaduser1@nareshmokshaoutlook.onmicrosoft.com
Pa55w.rd1234

Pa55w.rd1234

Naresh.1021

Azure@2021
Courseware@koenig-solutions.com

12mok
12mok.onmicrosoft.com

azureadmin
Azureadmin123

SJ

Tuesday, November 16, 2021 6:59 PM

Virtual Servers - 636 --200 --rest of all infra servers.
Physical servers - 152

Azure web

Tuesday, December 28, 2021 12:10 PM

```
<!doctype html>
<html>
  <head>
    <title>This is the title of the webpage!</title>
  </head>
  <body>
    <p>Webpage from primary server</p>
  </body>
</html>
```

```
<VirtualHost *:80>
    ServerName na-web-app.vcw31rk4qnwefmwgk2xr4wdo5e.cx.internal.cloudapp.net
    DocumentRoot /var/www/html
    ErrorLog /var/www/html/logs/error_log
</VirtualHost>
```

Selinux - permissive
Allow -port 80
Disable firewall

Knowledge

Thursday, December 30, 2021 3:11 PM

If our windows OS MBR is destroyed or other issues that block the VM from booting, to fix this problem, we should **download** this VM's VHD to local, and use Hyper-V to fix it with ISO file. After completed, we should upload this new VHD to Azure storage account, and use this new VHD to **create Azure VM**(create it with existing Vnet and public IP address, just replace this VHD).

APPS & INFRA

- AZ-900: Microsoft Azure Fundamentals
- AZ-104: Microsoft Azure Administrator
- AZ-204: Developing Solutions for Microsoft Azure
- AZ-500: Microsoft Azure Security Technologies
- AZ-600: Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub
- AZ-303: Microsoft Azure Architect Technologies
- AZ-304: Microsoft Azure Architect Design
- AZ-400: Designing and Implementing Microsoft DevOps Solutions
- AZ-120: Planning and Administering Microsoft Azure for SAP Workloads
- AZ-220: Microsoft Azure IoT Developer
- AZ-140: Configuring and Operating Microsoft Azure Virtual Desktop

Server List

Tuesday, January 11, 2022 12:22 PM

VMs NAME	Type	Env	Instance type	IP Address	Size	OS Details
z805D01lvm01	TM1	Sandbox	PAS	10.132.108.132	Standard E4as v4 (4 vcpus, 32 GiB memory)	SAP Netweaver 8.2 RHEL Image
z805D01lvm02	TM1	Sandbox	ASCS/CI	10.132.108.134	Standard E2as v4 (2 vcpus, 16 GiB memory)	SAP Netweaver 8.2 RHEL Image
z805d01hvm01	TM1	Sandbox	Hana	10.132.108.196	Standard E32ds v4 (32 vcpus, 256 GiB memory)	RHEL-SAP HA,82sapha-gen2
z43966d01lvm01	cBW	Sandbox	PAS	10.132.108.4	Standard E4as v4 (4 vcpus, 32 GiB memory)	SAP Netweaver 8.2 RHEL Image
z43966d01lvm02	cBW	Sandbox	ASCS	10.132.108.5	Standard E2as v4 (2 vcpus, 16 GiB memory)	SAP Netweaver 8.2 RHEL Image
z43966d01hvm02	cBW	Sandbox	Hana	10.132.108.68	Standard E32ds v4 (32 vcpus, 256 GiB memory)	RHEL-SAP HA,82sapha-gen2

Z43966d01lvmd03 --> 10.132.108.10
SA@Techn!2017d

C/185629.0575.001 --> New

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22101406300>

VMs NAME Type Env Instance type IP Address Size OS Details Alias Name Alias IP Address

z805D01lvm01 TM1 Sandbox PAS 10.132.108.132 Standard E4as v4 (4 vcpus, 32 GiB memory) SAP Netweaver 8.2 RHEL Image saptmsd00 10.132.108.135
z805D01lvm02 TM1 Sandbox ASCS 10.132.108.134 Standard E2as v4 (2 vcpus, 16 GiB memory) SAP Netweaver 8.2 RHEL Image saptmsascs 10.132.108.136
z805d01hvm01 TM1 Sandbox Hana 10.132.108.196 Standard E32ds v4 (32 vcpus, 256 GiB memory) RHEL-SAP HA,82sapha-gen2 saptmsdb 10.132.108.197

User name: sapuser
Password : Sapuser12345

hcladmin
Hcladmin12345

What we discussed about the NFS storage solution for the SAP landscape which can be solved in two different ways.

1. **Short term**: Use any one of the existing SAP systems like Dev or Sandbox (ASCS server) to extend its disk having /saptrans mount to other servers until the AFS with NFS secure transfer exemption got approved
    a. https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/storage_administration_guide/nfs-serverconfig
    b. https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/storage_administration_guide/nfs-clientconfig

2. **Long term**: If AFS with NFS does not get approved then you must build glusterfs storage solution for RedHat. Please find the below document for your reference.
    GlusterFS on Azure VMs on RHEL for SAP NetWeaver - Azure Virtual Machines | Microsoft Docs

yum install libglvnd-glx

/usr/sap/trans_tmx 50GB
/sapmnt/TMS 20GB
/home/tmsadm 5GB

17-01-2022 - 1:30 Hours
18-01-2022 - 2 Hours
21-01-2022 -1 hours
28-01-2022- 1 hour
22-02-2022 - 30Mins
23-02-2022 -1 hours
27
28 - 2 hours
25

01-03 -30Mins

- WBS: C/185628.0296.006

[11:56 AM] Santosha Naika

VM Name	IP Address	Alias name	Alias IP Address
z43966d01lvmd04	10.132.108.13	sapahdd00.43966d01.euw-hub03.azure.volvo.net	10.132.108.14
z43966d01lvmd03	10.132.108.10	sapahdascs.43966d01.euw-hub03.azure.volvo.net.	10.132.108.12

[11:56 AM] Santosha Naika

Server name	IP	Loginame	logical IP
z43966d01lvm02	10.132.108.5	sapahsascs.43966d01.euw-hub03.azure.volvo.net	10.132.108.7

MASTER FINANCE Elvira server root - SA@Techn!2017d

VM Name	Env	IP Address	Size	Alias name	Alias IP Address
z127812d01lmfd14	DEV	10.132.226.132	Standard E4as v4 (4 vcpus, 32 GiB memory)	r3sx4pas	10.132.226.133
z127812d01lmfd15	DEV	10.132.226.134	Standard E4as v4 (4 vcpus, 32 GiB memory)	r3sx4ascs	10.132.226.135
z127812d01hmfd01	DEV	10.132.226.196	Standard E32ds v5 (32 vcpus, 256 GiB memory)	r3sx4db	10.132.226.197

TMA VM's are ready

VM Name	Env	IP Address	Size	Alias name	Alias IP Address
z805D01lvmq09	QA	10.132.108.142	Standard E8-4as v4 (4 vcpus, 64 GiB memory)	saptmad00	10.132.108.143
z805D01lvmq10	QA	10.132.108.144	Standard E2as v4 (2 vcpus, 16 GiB memory)	saptmaascs	10.132.108.145
z805D01hvmq05	QA	10.132.108.200	Standard E32ds v4 (32 vcpus, 256 GiB memory)	saptmadb	10.132.108.201

```
timedatectl set-time 13:45:00
 1004  timedatectl set-timezone Europe/Stockholm
 1005  timedatectl
 1006  date
 1007  timedatectl set-time 15:50:20
 1008  timedatectl set-ntp false
 1009  timedatectl set-time 15:52
```

KT

Thursday, December 1, 2022 6:06 PM

1. NTP server handling (ud and volvo)
2. SAP
3. What is the SOE for root file system
4. Process to create/extend the NFS
5. Azure native backup: 14 days
- File level -- there is no file level backup in Azure - Prashanth has to confirm.
- VM image level

Cloud operation team will notified by INC and its handled by Cloud operation team.

waagent - re-install/configure agent - document to be shared by Anuj

6. CIS - already applied through Ansible
   Qualys report - on demand
   Who is in GRC involved?

7. Azure Monitoring - infrastructure
   SAP solution monitoring -->

8. SOE - root File system
9. Deploy VM/Decom --> Both will be Cloud operation team
10. OS release-set - for particular RHEL Version - SAP compatibility (Patching to be discussed) RHEL- 8.4 is the latest for HANA
11. Azure VM Console access- serial console enabled.
    --> Update Manger access
12. PaceMaker Cluster - who is responsible??? - SAP - Application team.
13. User Access Management :
    --> about Local ID to be discussed
    --> Root user password?

14. OS Patching to be tested, How its connected to satellite(how to patch bulk systems)
    --> Update Manager

15. Keep the server in Maintenance mode

Planned activity ---> How to keep the server in maintenance mode --> Cloud operation, process,
--> Manual work to stop the APP/DB before azure update manager run's the patching activity.

16. Vendor case creation: --> OS --> Cloud Operation team will help until OS Operation gets access
17. How the firewall request/process --> Delivery co-originator will raise pharma request

18. Keep the server in Maintenance mode : Through Azure portal: - we can suppress - Cloud team will support until java will get access.

19. Audit:

We still have below open topics,

- User Management:
  - hcladmin& sapuser – should be disabled(only OS admin should have full access)
  - root password to be set on all nodes
- File level restoration
- Who is managing NTP Server
- Alert configuration/priority
- DNS record add/update

MAPC KT

Monday, January 30, 2023 1:30 PM

parassaluja@hcl.com
naved.h@hcl.com
sujith.k@hcl.com
himanshu-sh@hcl.com

```
[root@zl17598p01wel001 ~]# sssctl domain-status default
Online status: Online

Active servers:
LDAP: segotn035.vcn.ds.volvo.net

Discovered LDAP servers:
- segotn035.vcn.ds.volvo.net
- segotn036.vcn.ds.volvo.net
- segotn006.vcn.ds.volvo.net
- segotn005.vcn.ds.volvo.net
- got.ad.volvo.net

[root@zl17598p01wel001 ~]#
```

```
[root@zl17598p01wel001 ~]# less /etc/sssd/sssd.conf
[root@zl17598p01wel001 ~]# less /var/log/sssd/sssd_default.log
```

AAAgAKshFMzdieIwbC4nBQwHarQFuk6gPdAqYKTGD98GOT/93scDdDhtk8rzK71lGjTXLRM+eaHhec773kHYV/i/2/AlV7V9nuudXwxOdk0ym4EuAAECAw==

Set: Never password expired -->

```
[root@zl17598p01wel001 ~]# sss_obfuscate -d default
Enter password:
```

- Server to be added/remove from AD group - AD team responsibility.
- Azure -update manager -> Azure native tool --> Cloud operation tool --> Azure repos

  -> OMS extension
  -> every month
  -> Cloud operation
  -> INC to be created to Cloud operation
  -> Gowthm -Snow team --> setup a call with

  Kernel update --> Manually --> yum update ->
  -> It should be follow the lower ENV (every kernel will not support application)
  -> Application team will contact us to update the kernel. (check with app team)
  App team should have exception.
  App team will raise a change ticket-->

- Serial Console to be enabled - when its needed? Email communication is on-going -->
- Azure portal access to UNIX operation
- Alert prioritization
  If need to add new service to be added in monitoring?? Cloud operation Team - > New alert rule creation?
  How the alert is configured? If its Application file system?

- OS -reinstallation ???
- Who manages NTP servers?? **support.netapps@volvo.com**
- Root password management: third party tool- to have different password:
  Application owner will maintain the root password:
- AZURE node snow CMDB will be updated - Global Search - working in progress… **gautham.raju@hcl.com -(Next Week)**
- Moogsoft will create a INC …**Biondi Dsylva <BiondiD@hcl.com>**
- CPU/RAM/File system extension: - Application team will take care

- Duplicate tickets for the same alert
- Backup? Backup status? ->Cloud operation team(INC will be sent to cloud ops team for Backup failure)
- Port opening? -> DICA will be opened by server owner

01/02/2023
Redhat
Ubuntu 18.04 &20.4
CIS - images are designed Hardening - security --> Redhat Vendor will not support /CIS will support
Not joined domain, only authenticated with VCN AD authentication
MD- about logs --> 15Days fine --> Azure team

- DNS - record to be created Volvo-solution team -> DNS Process - **Volvo Cloud Operations <volvo.cloud.ops@hcl.com>**

- Below are the 4 -MU
  Backup
  OS
  Monitoring
  Patching

- Create/modify/de-commission -->

8.2.2. Service Concepts

The user will remain responsible of the VM they have provisioned, and they will be able to request a Management Utility (MU) on top of that VMs. Table 1 shows the responsibility shift between the customer and HCL when a MU is ordered on a VM.

Table 1: High level RACI matrix for VM operation without and with Management Utility

Activities	RACI – VM Without MU		RACI – VM With MU	
	Customer	*HCL*	*Customer*	*HCL*
Create VM	AR		AR	
Update VM	AR		AR	
Delete VM	AR		AR	
Monitor VM	AR		CI	AR
Patch VM	AR		CI	AR
Backup	AR		CI	AR
Restore Backup	AR		CI	AR
Monitor Backup	AR		CI	AR

Splunk Azure nodes

Monday, November 21, 2022 2:55 PM

```
root@segotl0836# cat /home/a379056/azure.nodes
z125866d01shvm01.azure.volvo.net
z125866d01ixvm02.azure.volvo.net
z125866d01hfvm03.azure.volvo.net
z125866d01scvm04.azure.volvo.net
z125866d01ufvm05.azure.volvo.net
z125866d01t1vm06.azure.volvo.net
z125866d01hf2vm8.azure.volvo.net

z125866d01shvm01      10.132.225.4
z125866d01ixvm02      10.132.225.6
z125866d01hfvm03      10.132.225.7
z125866d01scvm04      10.132.225.8
z125866d01ufvm05      10.132.225.9
z125866d01t1vm06      10.132.225.10
#z125866d01t2vm7      10.132.225.5 <- windows box
z125866d01hf2vm8      10.132.225.11
```

SAP tuned profile set

Monday, October 10, 2022 1:29 PM

1. Install package **tuned-profiles-sap-hana.noarch**

2. Verify the sap profile once package installed
   [root@z805p01lhana ~]# tuned-adm list |grep sap
   - sap-hana - Optimize for SAP HANA

3. set profile with below command
   # tuned-adm profile sap-hana

4. Validate current active profile with below cmd
   # tuned-adm active

swap

Sunday, September 25, 2022 11:31 PM

```
vgcreate swapvg /dev/sdd
lvcreate -n swaplv -l 100%FREE swapvg
mkswap /dev/swapvg/swaplv
swapon /dev/swapvg/swaplv

lvcreate -n swap-lv -L 1G rootvg
mkswap /dev/rootvg/swap-lv
swapon /dev/rootvg/swap-lv

/dev/mapper/rootvg-swap-lv     swap    swap    defaults     0 0
/dev/mapper/swapvg-swaplv      swap    swap    defaults     0 0
```

Increase/create a swap on AZURE Nodes

```
sed -i 's/ResourceDisk.Format=n/ResourceDisk.Format=y/g' /etc/waagent.conf
sed -i 's/ResourceDisk.EnableSwap=n/ResourceDisk.EnableSwap=y/g' /etc/waagent.conf
sed -i 's/ResourceDisk.SwapSizeMB=2048/ResourceDisk.SwapSizeMB=4096/g' /etc/waagent.conf
systemctl restart waagent
```

Training - 2022

Monday, May 9, 2022 1:03 PM

Attendance link:
https://rms-new.netlify.app/third_party?batch_header=113238

Azure Profile link:
https://www.koenig-solutions.com/account/login
username: email id
Passwd: 113238

az104-01a-aaduser1@nareshmokshaoutlook.onmicrosoft.com

https://koenigsolutionsltd-my.sharepoint.com/:v:/g/personal/mohd_farhan_koenig-solutions_com/EYPESp1U7xBBp3s2v1dzwM4BMGWhHkDTZKAhbM2rAjBihQ

Network TCP Window size

Monday, April 4, 2022 3:48 PM

```
[root@z43966d01lvm01 ~]# sysctl -a |egrep "net.ipv4.tcp_rmem|net.core.rmem_max"
net.core.rmem_max = 8388608
net.ipv4.tcp_rmem = 40960 873800 62914560
[root@z43966d01lvm01 ~]#
```

For temporarily we disabled inspection on firewalls and to keep this rules permanently in firewall please place DICA Request for Documentation

Mycloud

Monday, March 21, 2022 6:58 PM

Hope there will be an auto snapshot taken every day.
Need more clarity on VM snapshot restore

More than 1TB DISK - agent based backup-reset of that policy based backup

GOTQAL5XXX

https://mycloudqa.udcn.udtrucks.net/WebUI/login.aspx

ajitdha@hcl.com

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22020701812>

Azure Repo issue

Wednesday, July 26, 2023 12:51 PM

```
openssl x509 -in /etc/pki/rhui/product/content-rhel8-eus.crt -noout -text |grep -E "Not After |Not Before"
yum update -y --disablerepo='*' --enablerepo='*microsoft*
```

Tuesday, January 4, 2022 5:31 PM

- Remove Puppet Certificate and retire config group
- https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/UnixWiki/StandardsAddOnSatellite%20AddOn.aspx

- 30 GB disk for rootvg in RHEL 7 -->
/var -6GB

- File to keep after the reinstallation
  /etc/ssh/ssh_host_rsa_key
  /etc/ssh/ssh_host_rsa_key.pub

- Monitoring - files to be backed up --> Thiery

- /soe3 --> NOT at all required
- Changes in Add-on
- TSM -- we will have newer version -
  Check with Backup team for tsm_ora

- Snapcreator -->

- SAP addon - won't support RHEL 8 - not tested yet

https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/UnixWiki/RuntimeOSOSUpgrade.aspx

Base=none Puppet is only used to distribute the /etc/sudoers file and the /etc/security/access.conf file. You can make changes to all other configuration files on the host as you usually would do. (RHEL5, RHEL6)
note If a host doesn't have puppet these files are being distributed the old way via cfengine or SoeManager.

Base=lcs01 This is full configuration management with SOE4. No SOE packages under /soe3. That has been replaced by RPM:s and both RPM:s and configuration files are controlled by Puppet. (RHEL6)

Base=lcs02 The same as lcs01 but with the addition that file systems created during server installation for an Add-On are also Puppet controlled. Look at the screenshot below: if Base=lcs02 and the server has an Add-On then you need to make changes to those file systems via Puppet (file system extensions, creating new file systems) (RHEL7)

https://access.redhat.com/solutions/21964 --> Red hat upgrade
https://access.redhat.com/solutions/4120411 --> In place upgrade

Techl002 - techm package repo

```
cd /etc/puppetlabs/puppet/ssl
rm -rf *
/opt/puppetlabs/bin/puppet agent --no-daemonize --onetime --verbose --no-usecacheonfailure --no-splay --waitforcert 30
dnf remove checknpaccounts
puppet agent -t
```

RHEL 8 SharePoint

Thursday, February 3, 2022 6:22 PM

https://hclo365.sharepoint.com/:w:/r/sites/LCM/Shared%20Documents/03.%20LCM%20ISO%20-%20Volvo/RHEL%208/VM%20update%20RHEL7%20to%20RHEL8.docx?d=w62c90e7818eb436ba89989f6a3f987d3&csf=1&web=1&e=oTsReH

Remove the server in satellite host entry

create host yaml file in puppet 5 same as puppet 3

Configure TSM backup - Check with Pai

Questions

Friday, February 11, 2022 7:00 PM

UNIX_ACCOUNTS

SEGOTL2450
segotl5078

Before boot of new installed server set addon on lcs

before boot of new server
got to host level hiera
disable --> puppet 5
selinux::disable: 'true'
tuned::disable: 'true'

once server boot
make below entry in puppet.conf
environment = feature_add_sap_netweaver_addon
(reffer segotl5078)

then remove host level entries for selinux and tuned
then you can run puppet agent -t
further ask chandra tio run ansible

ITM

Tuesday, March 8, 2022 7:17 PM

Launch the monitoring upgrade on segotl3028 with itmbatch authorities
cd /itmrep/cust/script/UNIX/bin
./replace_monitoring_after_upgrade.sh <server_name>

If you get answer like below

Old and new OS versions in SID are the same
Use the force mode to upgrade the monitoring

Relaunch the script with a second parameter

./replace_monitoring_after_upgrade.sh <server_name> <new_os_vendor>

Where new_os_vendor in

LINUXRH7_HP	for rhel7 server HP
LINUXRH7_DELL	for rhel7 server DELL
LINUXRH7_VM	for rhel7 server Vmware
LINUXRH8_HP	for rhel8 server HP
LINUXRH8_DELL	for rhel8 server DELL
LINUXRH8_VM	for rhel8 server Vmware

Remove the server from Monitoring:
./add_remove_unix_server.sh segotl5626 r LINUXRH8_OS LINUXRH8_VM

Operation

Tuesday, March 15, 2022 3:39 PM

Team required Vmware access to attach ISO

Sync up Call

Wednesday, January 12, 2022 4:04 PM

16/11/2023:
==========

1. We have discussed about / and /var -SOE file system size, since RHEL 8 servers are consuming more, specifically /.

Command to change the content from 6Month to 1Month for Multiple servers.

Addon - tomcat to be added in Play book. --> informed

After Migration

==========

Segotl3687 -- >

git log --pretty=format:'%h' -1
Click the Refresh project revision icon in the Revision column to update the revision version. The revision matches the last commit. You can verify this information with the following command:

[5:54 PM] Benoit GAGET
https://gitux.srv.volvo.com/git/

[5:56 PM] Benoit GAGET
https://gitux.srv.volvo.com/git/?p=hieradata-prod.git;a=tree;f=location;h=ec6b1ccf597c5327d742203cb0951ec5e6972461;hb=refs/heads/master

[5:56 PM] Benoit GAGET
for hieradata pupet3

[5:56 PM] Benoit GAGET
https://gitux.srv.volvo.com/git/?p=hieradata-pup5.git;a=tree;f=location;h=5bace42d0d8dde0ed729fa2c724b6583c87320de;hb=refs/heads/master

for hieradata ppup5

RHEL 8
https://hclo365.sharepoint.com/:w:/r/sites/LCM/Shared%20Documents/03.%20LCM%20ISO%20-%20Volvo/RHEL%208/VM%20update%20RHEL7%20to%20RHEL8.docx?d=w62c90e7818eb436ba89989f6a3f987d3&csf=1&web=1&e=oTsReH

[8:54 PM] Stephane Ruel
NOTE : Active directory
shouldn't manage OU=UNIX !!!
only Faros automation are allowed
[8:59 PM] Stephane Ruel
Service account for UNIX attribute update via ISIM AD-adapter

==========>
Samba issue

For nfs troubles in /var/log/messages
Perhaps also the list of errors need to be review (itmmonitors rpm) :
/usr/libexec/itmmonitors/conf/messages_list_linux

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22040111409>
https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22040111409>

5/5/2022

- NFS not responding- Alert - we are working with BSM team.
- UDCN IDM Sync issue
- Ca certs

6/9/2022
Need to discuss
SAP HANA HP Demo loaner (IPR0034361)
=> Delivery : Still Duplicate ip on RMC ...
=> How organize Java Operation training for Superdome FLex (HP pool hour) ?
=> Who will register contract/servers on HCL Java HP account ?
=> Appliance IRS usage ?

Thursday, January 6, 2022 5:35 PM

root@segotl1225# find /data01/reports/ -mtime -1|awk -F '/' '{print $4}'|sort -u|wc

puppet infrastructure :
https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/UnixWiki/RuntimeOSPuppet%20Servers.aspx

root@segotl0033.srv.volvo.com# netstat -anlop|grep :5222 |grep ESTABLISHED|wc -l
508

command to see and compare puppet host param
SAT6.3 puppet:
/usr/local/bin/sat6hostparams-manager hostname=wwglbl80004.srv.volvo.com --list
LCS01:
/usr/local/bin/configgroup-manager.bash hostname=wwglbl80004 --list

sss_cache -E or rm -rf /var/lib/sss/db/*

```
 488  2022-01-20 13:45:21 cd /usr/local/bin/
 489  2022-01-20 13:45:23 ls
 490  2022-01-20 13:45:31 ./sat6hostparams-manager hostname=segoth0074.got.volvo.net --list
 491  2022-01-20 13:46:12 ./configgroup-manager.bash hostname=segoth0074 --list
 492  2022-01-20 13:46:15 ./sat6hostparams-manager hostname=segoth0074.got.volvo.net --list
 493  2022-01-20 13:46:25 cd /home/ud05476/
 494  2022-01-20 13:46:26 ls
 495  2022-01-20 13:46:41 more commands.sh
 496  2022-01-20 13:46:56 ./sat6hostparams-manager hostname=segoth0074.got.volvo.net --list
 497  2022-01-20 13:46:59 cd -
 498  2022-01-20 13:47:02 ./sat6hostparams-manager hostname=segoth0074.got.volvo.net --list
 499  2022-01-20 13:47:25 ./configgroup-manager.bash hostname=segoth0074 --list
```

Questions

Tuesday, March 29, 2022 4:50 PM

- Benoit - UD reboot alert
- IDM sync issue

- Still we have some server running with old puppet 3
- IDM temporary access

  - Regarding cis Guidence - UD document
  - LEO servers are not communicating with satellite and puppet

IT segregation --> onboarding phase 3
Ansible
Amit & sheetal - our infra server from old rehv to new rhev infra

Satellite --> storage capacity issue
Ciscat --> Openscap

New hardware -> who will be adding that in

- Pre-post checks script is ready and archiving the logs from servers ready. --> Jagadish is working on it.

- 3 French site migration - Jagadish spoke with Project and informed that it may not be possible as all of those nodes are non-standard nodes. Waiting for their response.

  --> Cent OS
  --> Redhat OS
  -->

- SAP Hana TDI --> H/W
  Creating SOE for HP superdome
  Physical
  VM

- Landscape 12 servers --> ubuntu (like satellite server) - vendor will update

- Samba issue -->
- Yum.conf also will be pushed through puppet

- /home - has to be monitored --> working with Stephaen
- Linux Jump host - /home quota will be enabled
- /tmpdata -->
- Oney Puppet server is not updating
- Proxy in /etc/yum.conf - ansible patching

To be asked
- If we create host in satellite will lcs server will be updated ?
- We got request to add user to hcl_unix_infrainstallation_users_ad
- Unix_infraopers_users_ad --> sandeep have access:??

- Cloud form - access to run the Sync job - satellite - cfme

- Rsyslog - retention period
- /etc/logrotate.d

To be discussed

Monday, August 15, 2022 5:31 PM

Additional repos
Build team to be discussed about delivered
Server domain information

===>14122023
RHEL 8 ask Design to puppet to / 8GB

Stephane:

- Change Dashboard automation status --> SNOW -Migration Pending
- How, we can plan for Dashboard Migration to GSS
- Nagaraj- Basic Check tool

Reg the NFS migration for segotl0997 server to segotl1979(inventory server)

======

By default, /home - is 2GB,
Will send list of server to Benoit for /

22/02/2024
DELL firmware upgrade
NVME Firmware upgrade - Rajesh completed - its worked- we are good to go.
Extract RHEL 8 server list - to share stephane,
About / file system increase - Agree for all RHEL 8 to extend from 6GB to 8GB.

RHEL 8& 9 - PXE - Updated for / - size - Updated from 6GB to 8GB- on Both Volvo and GSS.
Security issue?
Anything before execute yum command.

Ansible Play book to be updated for precheck playbook for / to increase to 2GB for RHEL 8.
And add RHEL 9 server also…
About Docker installed server - How we can proceed for OS-reinstallation- Please setup a call to discuss with SRM.

Satellite migration is completed in QA - 6.12
We will have one more node for Ansible prod server
CFME will be removed, later we have to Ansible play book. -->

RHEV --> to OpenShift

04/04/2024:
74 proxy server - Decommission stop using the on-prem proxies and migrate to palo alto services:
puppet5/hieradata-pup5/location/site_ageo.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxsaitdef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_bell.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxlyondef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_blai.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxlyondef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_blr.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxsaitdef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_bne.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxsaitdef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_bour.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxlyondef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_cta.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxctadef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_got.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxgotdef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_limo.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxlyondef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_lyon.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxlyondef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_sato.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxlyondef.srv.volvo.com:8090/"
puppet5/hieradata-pup5/location/site_syd.yaml:mdatp::file_manager::mdatp_proxy: "http://httppxsaitdef.srv.volvo.com:8090/"

About NFS file system struck while rebooting through Ansible -> **Arka is finding the test server.**
We will have one more node for Ansible prod server -->
CFME will be removed, later we have to Ansible play book. --> **on -going - Stephane**

RHEL -9 Cluster installation - Jagadish - play book is ready waiting for approval
About Docker installed server - How we can proceed for OS-reinstallation- Please setup a call to discuss with SRM. --> **Check with Anil**
China server installation/OS - Patching --> to have separate Capsule server.

Note: Rubrik Backup Solution is only for Large DB Servers and some specific use case like Hadoop. This Backup Solution is Only for Physical Servers in GOT, connected to Backup LAN.

02/05/2024

- **RHEL 9 Cluster - KT - Jagadish will share Wednesday**
- **Separate capsule server for China, setup a call with China Network**
- **Discussed about TSM Migration -**

===>

Within 4 hours we should recover --> Physical server…
Ldap query command for getting email ID: if I give input as VCN ID -->
Check, new SZ ntp server information

#13/06/2024
Remove the decommissioned servers --> Stephane will share the server list
Satellite
puppet
Lcs
China server different SZ/sites, Network team, what is the diff bandwidth

#VCN SZ behind firewall will not have same DNS -->will add this in checklist ,
-> new SZ , why cannot we have rule for subnet instead of IP :)

Reg: CyberArk show password - disable - wont impact to anything to you

Decom cfenging on AIX servers and move it on Ansible

11/07/2-24
==========
Check with Pai, when tsm will be decommissioned.
Tang server to be decommissioned
Segotl2945 - to be decommissioned,
https://ahs-java-so-dashboard.got.volvo.net/SO/basic-checks.html - Can be used Ansible

Gss dashborad link

For me there are only url
https://ahs-java-so-dashboard.got.volvo.net/AT_patch_report/
referenced here
https://volvoitsm.service-now.com/kb?id=kb_article_view&sysparm_article=KB100004623
that need to be secure

PHP

Wednesday, August 17, 2022 3:50 PM

Hi all,

I replied before my vacation to the request, but I forgot to send it, it's remaining as a draft, see my reply below.

@Susmitha Pottipati, Redhat fixed this vuln in March 2018 as RHEL7 is still under support. Again, Qualys is not able to make the difference between php provided by redhat and php provided by the official php open repo. It's just checking the major version of PHP without taking in account fixing done a major editor such as RedHat (according to me this is just a shame) for your information https://access.redhat.com/errata/RHSA-2018:0406
We are wasting time on analysis because Qualys is not able to integrate fixing done 4 years ago.
@Bob Willis Kasi, you don't have to update php but if you want to

"Hi Bob,

On Rhel7 the default version of php is 5.4
You can install another version, but packages name are different:
rh-php56.x86_64 : Package that installs PHP 5.6
rh-php56-php.x86_64 : PHP scripting language for creating dynamic web sites
rh-php71.x86_64 : Package that installs PHP 7.1
rh-php71-php.x86_64 : PHP scripting language for creating dynamic web sites
rh-php73.x86_64 : Package that installs PHP 7.3
rh-php73-php.x86_64 : PHP scripting language for creating dynamic web sites

Feel free to install the version you need but keep in mind in can have impact on your application, especially if you move in php7
As you install another version with specific package in mean the PATH will be different also, you'll have to configure it."

Regards

Benoit Gaget
Change Center | Linux Service Design

Puppet

Tuesday, June 7, 2022 5:11 PM

```
grep -i motd /root/anaconda-ks.cfg
echo "Kickstarted on $(date +'%Y-%m-%d')" >> /etc/motd.installdate
```

Tuesday, February 8, 2022 12:06 PM

It's normal for those servers, please don't start them. Below servers are off, it's normal

segotl6007	Zabbix
segotl6008	Zabbix
segotl6012	Cloudforms DB
segotl6016	Cloudforms Frontend
segotl6017	Cloudforms Automate
segotl6018	Cloudforms RHV

Security-patching: A patch is a updated version of a software designed to fix a problem. This includes fixing security vulnerabilities, bugs, and improving the usability or performance

==========
Certificate need to clean in puppet which has oldservername
New server:/var/lib/puppet(certificate need to remove)
==========
```
root@ecsjl0503# ls -l /etc/puppetlabs/puppet/ssl
total 16
drwxr-xr-x. 2 root root 37 Feb 28 14:17 certificate_requests
drwxr-xr-x. 2 root root 51 Feb 28 14:17 certs
-rw-r--r--. 1 root root 14040 Feb 28 14:17 crl.pem
drwxr-x---. 2 root root 6 Feb 28 14:17 private
drwxr-x---. 2 root root 37 Feb 28 14:17 private_keys
drwxr-xr-x. 2 root root 37 Feb 28 14:17 public_keys
root@ecsjl0503# bc
```
==========
We need to remove puppet clean cert in puppet master (puppet clean)
stop and disable the puppet
change hostname and ip(this will be done by san/linux ops)
reboot
register with satellite with new hostname( )
root@segotl4531# /usr/local/bin/configgroup-manager.bash hostname=ECSJL0029 --list
Then need to modify the addon name from sapapp01 to sapnetweaver
Then run the puppet with sapnetweaver(puppet agent -t (feature))
enable the puppet and start
we need can run the ansible playbook

Oracle addon

Thursday, April 7, 2022 5:52 PM

Swap space maintenance (automation) will work only on mentioned puppet configuration where Base = LCS02 & Oracle Addon should be either ORACLE003 or ORACLE04 , it will not work below this configuration.

With Oracle Addon 03 or 04 , total swap space will be set to 16G [swap01 = 2Gb (by Default from OS) & 14G from Swap02 totally 16G] as per Oracle recommendation , if they need more than 16G for specific host it should be update hiera for that server.

postgres01 --> postgresql93
postgres02 --> postgresql95
postgres04 --> postgresql10
postgres05-->postgresql12
postgres06-->postgresql14

Collect Addon Info

Friday, April 8, 2022 11:58 AM

```
[re7w07c@segotl0836 ~]$ for addon in ORACLE01 ORACLE02 ORACLE03 ORACLE04 ; do getent netgroup UXCONF_ADDON_${addon}_NODES|tr '(' '\n'|sed '1,$s/,,.*$//';done
```

```
root@segotl4531# for server in segotl4117 ; do echo $server $(/usr/local/bin/configgroup-manager.bash hostname=${server} --list|grep ^ADDON=);done
segotl4117 ADDON=ORACLE04
```

```
for i in `cat /tmp/s`; do echo $i $(/usr/local/bin/configgroup-manager.bash hostname=$i --list|grep ^CUSTOMER=);done
```

To collect the server list based on the a
Segotl4391: /home/a409954/netgroup_and UXCONF_SITE_MEX_NODES UXCONF_SITE_MEX_NODES

```
root@segotl4391# /home/a409954/netgroup_and UXCONF_ADDON_SAPNETWEAVER01_NODES  UXCONF_ADDON_SAPNETWEAVER01_NODES |wc  -l
50
root@segotl4391#
```

OS release set

Thursday, June 6, 2024 6:40 PM

```
root@segotl0440# yum repolist |grep -i e4s
rhel-8-for-x86_64-appstream-e4s-rpms          Red Hat Enterprise Linux 8 for x86_64 - AppStream - Update Services for SAP Solutions (RPMs)
rhel-8-for-x86_64-baseos-e4s-rpms             Red Hat Enterprise Linux 8 for x86_64 - BaseOS - Update Services for SAP Solutions (RPMs)
rhel-8-for-x86_64-sap-netweaver-e4s-rpms      Red Hat Enterprise Linux 8 for x86_64 - SAP NetWeaver - Update Services for SAP Solutions (RPMs)
rhel-8-for-x86_64-sap-solutions-e4s-rpms      Red Hat Enterprise Linux 8 for x86_64 - SAP Solutions - Update Services for SAP Solutions (RPMs)
root@segotl0440# subscription-manager release --show
Release: 8.4
root@segotl0440# df -h /var
Filesystem                Size  Used Avail Use% Mounted on
/dev/mapper/rootvg-varvol  6.0G  3.9G  2.2G  65% /var
root@segotl0440# yum repolist all |grep -i eus
codeready-builder-for-rhel-8-x86_64-eus-rpms              Red Hat Code disabled
rhel-8-for-x86_64-appstream-eus-rpms                      Red Hat Ente disabled
rhel-8-for-x86_64-baseos-eus-rpms                         Red Hat Ente disabled
rhel-8-for-x86_64-sap-netweaver-eus-rpms                  Red Hat Ente disabled
rhel-8-for-x86_64-supplementary-eus-rpms                  Red Hat Ente disabled
root@segotl0440#
```

Friday, February 18, 2022 9:50 PM

```
 15  2022-02-18 17:15:29 ipa host-find |grep segotl6126
 16  2022-02-18 17:15:47 ipa host-show  |grep segotl6126
 17  2022-02-18 17:16:01 ipa host-show segotl6126.it.hclgss.com
 18  2022-02-18 17:16:49 ipa group-find |grep -i db2
 19  2022-02-18 17:16:59 ipa group-find |grep -i netcool
 20  2022-02-18 17:21:37 history
[naresh.d@sds.hclgss.com@segotl6204 ~]$
```

```
[a330505x@udcn.udtrucks.net@udgotl2035 ~]$ history
  1  2022-02-18 13:07:23 sudo su -
  2  2022-02-18 16:57:11 kinit admin
  3  2022-02-18 16:58:46 ipa group find --sizelimit=0
  4  2022-02-18 16:59:17 ipa group-find --sizelimit=0
  5  2022-02-18 16:59:27 ipa group-find --sizelimit=0 |grep -i oracle
  6  2022-02-18 17:00:20 ipa group-find --sizelimit=0 |grep -i medium
  7  2022-02-18 17:22:14 history
[a330505x@udcn.udtrucks.net@udgotl2035 ~]$
```

```
ipa hbactest --host udagol2018.got.udtrucks.net --service sshd --user wauser@udcn.udtrucks.net
```

Replica issue

Wednesday, May 4, 2022 7:45 PM

```
#ds-replcheck -D "cn=directory manager" -l 300 -m ldap://127.0.0.1 -r ldap://udgotl2036.idm.udtrucks.net -b "dc=idm,dc=udtrucks,dc=net"  -w
"idmudtrucks123" --ignore "krbloginfailedcount,krblastfailedauth"
#ds-replcheck -D "cn=directory manager" -l 300 -m ldap://127.0.0.1 -r ldap://udgotl2038.idm.udtrucks.net -b "dc=idm,dc=udtrucks,dc=net"  -w
"idmudtrucks123" --ignore "krbloginfailedcount,krblastfailedauth"
#ds-replcheck -D "cn=directory manager" -l 300 -m ldap://127.0.0.1 -r ldap://udgotl2037.idm.udtrucks.net -b "dc=idm,dc=udtrucks,dc=net"  -w
"idmudtrucks123" --ignore "krbloginfailedcount,krblastfailedauth"

root@udgotl2035.idm.udtrucks.net# ./ipa_check_consistency -H "udgotl2035.idm.udtrucks.net udgotl2036.idm.udtrucks.net udgotl2037.idm.udtrucks.net
udgotl2038.idm.udtrucks.net" -d idm.udtrucks.net -W idmudtrucks123

ipa-replica-manage force-sync --from udgotl2035.idm.udtrucks.net
ipa-replica-manage re-initialize --from udgotl2035.idm.udtrucks.net
```

IDM Commands

Friday, July 15, 2022 6:33 PM

ipa user-add --first= --last= --email= --password --gecos="first name" username
ipa user-show
ipa host-show
ipa group-add-member hcl_unix_oracle_medium_users --users=aravinds.ar
Ipa hostgroup-show <gname-nodes>
Ipa group-show <gname-users>

ipa user-mod --password username

kinit admin
ipa host-find --sizelimit=0 |grep -i segotl6023
ipa host-show segotl6023.it.hclgss.com
ipa group-show hcl_unix_presto_high_users

http://sp-hotel.volvo.com/volvoit/UnixDoc/UnixWiki/RuntimeOSHCLGSSAccess.aspx
IT Environment Program - IT Segregation projects (sharepoint.com)

https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/8/html/installing_identity_management/installing-trust-between-idm-and-ad_installing-identity-management#ports-required-for-communication-between-idm-and-ad_installing-trust-between-idm-and-ad

IDM PORTS

443
88 tcp and udp
636
389
464 tcp and udp

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22113004100>

ipa trust-fetch-domains
ipa trust-show
ipa trust-show udcn.udtrucks.net

ipa hbactest --host=udgotl2216.got.udtrucks.net --user=cs-ws-s-pdis-tst-ftp@udcn.udtrucks.net --service=ftp --sizelimit=0

ipa hbactest --host=udgotl2216.got.udtrucks.net --user=cs-ws-s-pdis-tst-ftp@udcn.udtrucks.net --service=vsftpd --sizelimit=0

ipa hbactest --host=udgotl2235.got.udtrucks.net --user=a344248x@udcn.udtrucks.net --service=sshd --sizelimit=0

ipa hbactest --host=udgotl2216.got.udtrucks.net --user=cs-ws-s-pdis-tst-ftp@udcn.udtrucks.net --service=vsftpd --sizelimit=0

ipa hbactest --host=udgotl2039.got.udtrucks.net --user=a330505x@udcn.udtrucks.net --service=sshd --sizelimit=0

ipa hbactest --host=segotl6230.it.hclgss.com --user=hx11450@sds.hclgss.com --service=sshd --sizelimit=0

ipa host-show hostname --all
CS-WS-PDIS-CIS-FTP
update-crypto-policies --set FIPS:AD-SUPPORT
systemctl stop sssd; rm -rf /var/lib/sss/db/*; rm -f /var/log/sssd/*; systemctl start sssd

=====

×

========

kinit admin
ipa config-show
ipa trust-find
ipa trustconfig-show

kinit no kcm server found while getting default cache

Friday, May 5, 2023 7:03 PM

Even restarting the sssd-kcm service only temporarily resolves the problem. Here you can see that I had a functional credentials cache for approximately 15 seconds:
[lars@madhatter ~]$ date; klist
Thu Mar 15 08:24:27 EDT 2018
klist: Internal credentials cache error while getting default ccache
[lars@madhatter ~]$ sudo systemctl stop sssd-kcm.{service,socket}; sudo rm -f /var/lib/sss/secrets/.secrets.mkey /var/lib/sss/secrets/secrets.ldb; sudo systemctl start sssd-kcm.socket

From <https://bugzilla.redhat.com/show_bug.cgi?id=1494843>

IPA

Thursday, April 6, 2023 3:52 PM

```
  864  2023-03-17 13:20:32 ipa hostgroup-add hcl_unix_iics_nonprod_high_nodes
  865  2023-03-17 13:20:34 ipa hostgroup-find hcl_unix_iics_nonprod_high_nodes
  866  2023-03-17 13:20:48 ipa group-add unix_iics_nonprod_high_users
  867  2023-03-17 13:21:10 ipa group-add --external unix_iics_nonprod_high_users_ad --desc="mapped to
unix_iics_nonprod_high_high@udcn.udtrucks.net"
  868  2023-03-17 13:21:11 ipa group-add-member unix_iics_nonprod_high_users --groups unix_iics_nonprod_high_users_ad
  869  2023-03-17 13:21:11 ipa -n group-add-member unix_iics_nonprod_high_users_ad --external
unix_iics_nonprod_high_high@udcn.udtrucks.net
  871  2023-03-17 13:22:14 ipa -n group-add-member unix_iics_nonprod_high_users_ad --external
unix_iics_nonprod_high@udcn.udtrucks.net
  872  2023-03-17 13:23:40 ipa hostgroup-add unix_iics_nonprod_high_nodes
  873  2023-03-17 13:23:41 ipa hostgroup-find unix_iics_nonprod_high_nodes
  874  2023-03-17 13:24:23 ipa -n group-add-member unix_iics_nonprod_high_users_ad --external
unix_iics_nonprod_high@udcn.udtrucks.net
  875  2023-03-17 13:24:33 ipa hbacrule-add unix_iics_nonprod_high_hbac --servicecat='all'
  876  2023-03-17 13:24:34 ipa hbacrule-add-user unix_iics_nonprod_high_hbac --group unix_iics_nonprod_high_users
  877  2023-03-17 13:24:35 ipa hbacrule-add-host unix_iics_nonprod_high_hbac --hostgroup unix_iics_nonprod_high_nodes
  878  2023-03-17 13:24:46 ipa sudorule-add unix_iics_nonprod_high_rule --desc "root access for cs-ws-epurch-iics high" --cmdcat='all'
  879  2023-03-17 13:24:48 ipa sudorule-add-user unix_iics_nonprod_high_rule --group unix_iics_nonprod_high_users
  880  2023-03-17 13:24:49 ipa sudorule-add-host unix_iics_nonprod_high_rule --hostgroup unix_iics_nonprod_high_nodes
  881  2023-03-17 13:26:58  ipa group-add unix_iics_nonprod_high_users
  882  2023-03-17 13:27:38 ipa hostgroup-add unix_iics_prod_high_nodes
  883  2023-03-17 13:27:39 ipa hostgroup-find unix_iics_prod_high_nodes
  884  2023-03-17 13:27:39 ipa group-add unix_iics_prod_high_users
  885  2023-03-17 13:27:40 ipa group-add --external unix_iics_prod_high_users_ad --desc="mapped to
unix_iics_prod_high_high@udcn.udtrucks.net"
  886  2023-03-17 13:27:41 ipa group-add-member unix_iics_prod_high_users --groups unix_iics_prod_high_users_ad
  887  2023-03-17 13:27:41 ipa -n group-add-member unix_iics_prod_high_users_ad --external unix_iics_prod_high@udcn.udtrucks.net
  888  2023-03-17 13:27:54 ipa hbacrule-add unix_iics_prod_high_hbac --servicecat='all'
  889  2023-03-17 13:27:54 ipa hbacrule-add-user unix_iics_prod_high_hbac --group unix_iics_prod_high_users
  890  2023-03-17 13:27:55 ipa hbacrule-add-host unix_iics_prod_high_hbac --hostgroup unix_iics_prod_high_nodes
  891  2023-03-17 13:27:55 ipa sudorule-add unix_iics_prod_high_rule --desc "root access for cs-ws-epurch-iics high" --cmdcat='all'
  892  2023-03-17 13:27:56 ipa sudorule-add-user unix_iics_prod_high_rule --group unix_iics_prod_high_users
  893  2023-03-17 13:27:56 ipa sudorule-add-host unix_iics_prod_high_rule --hostgroup unix_iics_prod_high_nodes
  910  2023-03-23 02:44:50 ipactl status
  924  2023-03-25 16:16:53 ipactl status
  953  2023-03-28 16:54:08 ipactl status
  957  2023-04-01 20:24:36 ipactl status
  988  2023-04-05 16:03:20 sudo ipa user-show a407412x
  989  2023-04-05 16:03:33 sudo ipa user-show a407412x@udcn.udtrucks.net
  990  2023-04-05 16:04:09 ipa user-show
  991  2023-04-05 16:05:38 ipa host-show
  993  2023-04-05 16:07:03 sudo ipa user-show a407412x@udcn.udtrucks.net
  994  2023-04-05 16:07:32 ipa user-show a407412
  995  2023-04-05 16:07:39 ipa user-show a407412x
  996  2023-04-05 09:25:58 ipactl status
 1001  2023-04-06 08:46:02 history  |grep ipa
 1002  2023-04-06 08:46:11 ipa trust-show udcn.udtrucks.net
 1004  2023-04-06 08:48:21 ipa trust-fetch-domains
 1006  2023-04-06 08:49:14 ipa trust-fetch-domains
 1011  2023-04-06 08:55:37 ipa trust-show
 1013  2023-04-06 12:22:22 history  |grep ipa
root@udgotl2035.idm.udtrucks.net#
```

```
1042  ipa user-add antbu --first="Anne Techau"  --last=Bruun --email=antbu@leo-pharma.com --gidnumber=40938
1043  ipa group-add-member UNIX_LEORSTUDIO_MEDIUM_USERS --users=antbu
1044  ipa user-show antbu
1045  ipa user-mod --password antbu
1046  history
[root@srv01895 ~]#
```

ipa hostgroup-add-member unix_sjxpider_basic_hosts --hosts=ecsjl0389.srv.sj.se

ipa group-add unix_volvoftp_high_users
ipa user-add hx10530 --first=Adinarayana Rao --last=Mandava --email=adinarayanarao.m@hcl.com
ipa group-add-member unix_volvoftp_high_users --users=hx10530
ipa hostgroup-add unix_sjvolvoftp_high_hosts

ipa hbacrule-add hbac_unix_sjvolvoftp_high --servicecat='all'
ipa hbacrule-add-host hbac_unix_sjvolvoftp_high --hostgroups=unix_sjvolvoftp_high_hosts

ipa hbacrule-add-user hbac_unix_sjvolvoftp_high --groups=unix_volvoftp_high_users

ipa sudorule-add sudo_unix_sjvolvoftp_high

ipa sudorule-add-user sudo_unix_sjvolvoftp_high --groups=unix_volvoftp_high_users

ipa sudorule-add-host sudo_unix_sjvolvoftp_high --hostgroups=unix_sjvolvoftp_high_hosts

ipa hostgroup-add-member --hosts=ecsjl0242.srv.sj.se unix_sjvolvoftp_high_hosts

ipa group-mod unix_volvoftp_high_users --rename=unix_postgres_prod_high_users

INC013063479

INC0013483946----

Step 1:- users group creation
ipa group-add unix_leonwm_high_users

Step 2:- host group creation
ipa hostgroup-add unix_leonwm_high_hosts

Step 3:- HBAC rule creation
ipa hbacrule-add hbac_unix_leonwm_high --servicecat='all'

Step 4:- To add groups & hosts to the HBAC
ipa hbacrule-add-host hbac_unix_leonwm_high --hostgroups=unix_leonwm_high_hosts
ipa hbacrule-add-user hbac_unix_leonwm_high --groups=unix_leonwm_high_users

Step 5:- to create sudo rule
ipa sudorule-add sudo_unix_leonwm_high --cmdcat=all

Step 6:- To add groups & Hosts to sudo group
ipa sudorule-add-user sudo_unix_leonwm_high --groups=unix_leonwm_high_users
ipa sudorule-add-host sudo_unix_leonwm_high --hostgroups=unix_leonwm_high_hosts

Step 6:- To add servers to IDM group
ipa hostgroup-add-member --hosts=srv01853.leo-internal.net unix_leonwm_high_hosts
ipa host-show srv01853.leo-internal.net

Step 7:- To create user ID in IDM
ipa user-add hx10650 --first=Daphnee --last=Bisschop --email=daphnee.bisschop@hcl.com

Step 8 :- To add user ID to IDM groups
ipa group-add-member unix_leonwm_high_users --users=hx10650

Techem IDM

Thursday, May 18, 2023 12:01 PM

```
root@techl0745.idm.eu.techem.corp# history
  2  2023-04-20 11:48:22 ipa host-show techa0050.eu.techem.corp
  3  2023-04-20 11:50:09 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0050.eu.techem.corp
  4  2023-04-20 11:50:20 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0050.eu.techem.corp
  5  2023-04-20 11:51:51 ipa automember-find --type=hostgroup
  6  2023-04-20 11:52:06 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0050.eu.techem.corp
  7  2023-04-20 11:52:12 ipa host-show techa0050.eu.techem.corp
  8  2023-04-20 11:52:24 ipa host-show techa0050.eu.techem.corp
  9  2023-04-20 11:52:59 ipa host-show techa0050.eu.techem.corp
 10  2023-04-20 11:53:20 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0050.eu.techem.corp
 11  2023-04-20 11:53:30 ipa automember-find --type=hostgroup
 12  2023-04-20 11:54:09 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0050.eu.techem.corp
 13  2023-04-20 11:56:30 ipa automember-find --type=hostgroup
 14  2023-04-20 11:57:22 ipa automember-add-condition
 15  2023-04-20 11:58:30 ipa automember-find --type=hostgroup
 16  2023-04-20 11:58:39 ipa host-show techa0050.eu.techem.corp
 17  2023-04-20 11:59:13 ipa hostgroup-remove-member unix_techemother_high_hosts techa0050.eu.techem.corp
 18  2023-04-20 11:59:22 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0050.eu.techem.corp
 19  2023-04-20 11:59:42 ipa host-find | grep -i techa
 20  2023-04-20 11:59:52 ipa host-show techa0019.eu.techem.corp
 21  2023-04-20 12:00:02 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0019.eu.techem.corp
 22  2023-04-20 12:00:08 ipa host-show techa0019.eu.techem.corp
 23  2023-04-20 12:00:46 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0019.eu.techem.corp
 24  2023-04-20 12:01:05 ipa host-show techa0019.eu.techem.corp
 25  2023-04-20 12:01:15 ipa host-show techa0019.eu.techem.corp
 26  2023-04-20 12:01:38 ipa host-show techa0050.eu.techem.corp
 27  2023-04-20 12:02:01 ipa automember-find --type=hostgroup
 28  2023-04-20 12:02:12 ipa host-show techa0019.eu.techem.corp
 29  2023-04-20 12:02:20 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0019.eu.techem.corp
 30  2023-04-20 12:02:30 ipa host-show techa0019.eu.techem.corp
 31  2023-04-20 12:02:40 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0019.eu.techem.corp
 32  2023-04-20 12:02:45 ipa host-show techa0019.eu.techem.corp
 33  2023-04-20 12:02:55 ipa host-show techa0050.eu.techem.corp
 34  2023-04-20 12:03:08 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0050.eu.techem.corp
 35  2023-04-20 12:03:40 #ipa automember-add-condition
 36  2023-04-20 12:03:46 ipa automember-find --type=hostgroup
 37  2023-04-20 12:03:49 ipa automember-add-condition
 38  2023-04-20 12:04:05 ipa automember-add-condition
 39  2023-04-20 12:04:21 ipa automember-find --type=hostgroup
 40  2023-04-20 12:04:54 ipa automember-find --type=hostgroup
 41  2023-04-20 12:05:15 ipa automember-remove-condition
 42  2023-04-20 12:05:39 ipa automember-remove-condition
 43  2023-04-20 12:05:57 ipa automember-find --type=hostgroup
 44  2023-04-20 12:06:06 ipa automember-remove-condition
 45  2023-04-20 12:06:37 ipa host-show techa0050.eu.techem.corp
 46  2023-04-20 12:06:51 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0050.eu.techem.corp
 47  2023-04-20 12:06:59 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0019.eu.techem.corp
 48  2023-04-20 12:07:05 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0019.eu.techem.corp
 49  2023-04-20 12:07:15 ipa host-find | grep -i techa
 50  2023-04-20 12:07:31 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0108.eu.techem
 51  2023-04-20 12:07:39 ipa host-find | grep -i techa
 52  2023-04-20 12:07:55 ipa host-show techa0125.eu.techem.corp
 53  2023-04-20 12:08:09 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0125.eu.techem.corp
 54  2023-04-20 12:08:16 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0125.eu.techem.corp
 55  2023-04-20 12:08:34 ipa hostgroup-show unix_techemother_high_hosts
 56  2023-04-20 12:08:58 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts"
 57  2023-04-20 12:09:18 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}'
 58  2023-04-20 12:09:33 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n'
```

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  59  2023-04-20 12:09:40 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h
  60  2023-04-20 12:10:13 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0108.eu.techem.corp
  61  2023-04-20 12:10:26 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
  62  2023-04-20 12:10:30 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techl
  63  2023-04-20 12:10:34 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techl*
  64  2023-04-20 12:10:40 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa*
  65  2023-04-20 12:10:51 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techl*
  66  2023-04-20 12:11:42 ipa automember-find --type=hostgroup
  67  2023-04-20 12:11:48 ipa automember-add-condition
  68  2023-04-20 12:12:24 ipa automember-find --type=hostgroup
  69  2023-04-20 12:12:34 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
  70  2023-04-20 12:12:37 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa*
  71  2023-04-20 12:14:13 ipa automember-find --type=hostgroup
  72  2023-04-20 12:14:34 ipa hostgroup-show unix_techemother_high_hosts
  73  2023-04-20 12:15:22 df -h /var
  74  2023-04-20 12:15:24 pwd
  75  2023-04-20 12:15:27 ls -lrth
  76  2023-04-20 12:15:39 tail -f krb5kdc.log
  77  2023-04-20 12:18:36 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
  78  2023-04-20 12:21:01 ipa automember-default-group-show
  79  2023-04-20 12:25:36 ipa automember-find --type=hostgroup
  80  2023-04-20 12:25:51 ipa automember-add-condition
  81  2023-04-20 12:26:22 ipa automember-find --type=hostgroup
  82  2023-04-20 12:26:41 ipa automember-rebuild --type=hostgroup
  83  2023-04-20 12:30:05 df -h
  84  2023-04-20 12:30:24 ipactl status
  85  2023-04-20 12:30:45 kinit admin
  86  2023-04-20 12:30:57 kinit admin
  87  2023-04-20 12:31:44 ipactl status
  88  2023-04-20 12:33:45 ipactl status
  89  2023-04-20 12:34:24 w
  90  2023-04-20 12:34:31 df -h
  91  2023-04-20 12:34:36 top
  92  2023-04-20 12:34:52 sar 1
  93  2023-04-20 12:35:16 sar 1
  94  2023-04-20 12:35:22 ipactl status
  95  2023-04-20 12:35:42 ps -eaf | grep -i fire
  96  2023-04-20 12:35:50 top
  97  2023-04-20 12:36:10 df -h
  98  2023-04-20 12:36:16 cd /var/log/
  99  2023-04-20 12:36:17 ls -lrth
 100  2023-04-20 12:36:23 cat cron
 101  2023-04-20 12:36:33 ls -lrth
 102  2023-04-20 12:36:40 tail -f krb5kdc.log
 103  2023-04-20 12:36:50 ipactl status
 104  2023-04-20 12:37:39 date
 105  2023-04-20 12:37:42 ipactl status
 106  2023-04-20 12:37:50 kinit admin
 107  2023-04-20 12:38:18 ipactl status
 108  2023-04-20 12:38:57 id opsmgrusersvc
 109  2023-04-20 12:39:34 ipactl status
 110  2023-04-20 12:41:19 ipactl status
 111  2023-04-20 12:41:47 iptables -L
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 112  2023-04-20 12:41:51 sar 1
 113  2023-04-20 12:41:55 top
 114  2023-04-20 12:42:09 top -p 239635
 115  2023-04-20 12:42:25 ipactl status
 116  2023-04-20 12:42:35 kinit admin
 117  2023-04-20 12:42:56 ipa automember-find --type=hostgroup
 118  2023-04-20 12:43:07 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
 119  2023-04-20 12:44:43 history
 120  2023-04-20 12:45:12 ipa automember-remove-condition
 121  2023-04-20 12:46:04 ipa automember-find --type=hostgroup
 122  2023-04-20 12:46:14 ipa automember-rebuild --type=hostgroup
 123  2023-04-20 12:50:28 ipa automember-find --type=hostgroup
 124  2023-04-20 12:50:37 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
 125  2023-04-20 12:51:17 ipa automember-find --type=hostgroup
 126  2023-04-20 12:51:25 ipactl status
 127  2023-04-20 12:51:31 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
 128  2023-04-20 12:51:52  ipa hostgroup-show unix_techemother_high_hosts
 129  2023-04-20 12:52:07 kinit admin
 130  2023-04-20 12:52:13  ipa hostgroup-show unix_techemother_high_hosts
 131  2023-04-20 12:52:24 ipa user-show hx11318
 132  2023-04-20 12:54:36  ipa hostgroup-show unix_techemother_high_hosts
 133  2023-04-20 12:54:41 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
 134  2023-04-20 12:54:54 ipa automember-find --type=hostgroup
 135  2023-04-20 12:55:04 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0108.eu.techem.corp
 136  2023-04-20 12:55:09 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
 137  2023-04-20 12:55:19 ipa hostgroup-remove-member unix_techemother_high_hosts --hosts=techa0108.eu.techem.corp
 138  2023-04-20 12:55:24 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
 139  2023-04-20 12:56:14 ipa automember-find --type=hostgroup
 140  2023-04-20 12:58:15 history
 141  2023-04-20 12:58:18 ipa automember-find --type=hostgroup
 142  2023-04-20 12:58:43 ipa automember-add-condition
 143  2023-04-20 13:01:11 ipa automember-remove-condition
 144  2023-04-20 13:01:44 ipa automember-find --type=hostgroup
 145  2023-04-20 13:01:52 ipa automember-rebuild --type=hostgroup
 146  2023-04-20 13:03:14 ipactl status
 147  2023-04-20 13:03:22 ipa user-show hx11318
 148  2023-04-20 13:03:45 ipa hostgroup-show unix_techemother_high_hosts
 149  2023-04-20 13:25:25 ipa hostgroup-show unix_techemother_high_hosts
 150  2023-04-20 13:25:35 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
 151  2023-04-20 13:25:49 ipa automember-rebuild --type=hostgroup
 152  2023-04-20 13:25:59 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
 153  2023-04-20 13:26:52 ipa automember-find --type=hostgroup
 154  2023-04-20 13:27:11 history
 155  2023-04-20 13:27:54 ipa automember-find --type=hostgroup
 156  2023-04-20 13:30:05 ipa user-show hx11318
 157  2023-04-20 13:32:36 ipa user-show hx11318
 158  2023-04-20 13:32:45 ipa hostgroup-show unix_techemother_high_hosts | grep  "Member hosts" | awk -F':' '{print $2}' | tr ',' '\n' | sort -
h | grep -i techa
 159  2023-04-20 13:32:57 ipa hostgroup-show unix_techemother_high_hosts
 160  2023-04-20 13:33:24 ipa hostgroup-find | grep -i techa
 161  2023-04-20 13:33:32 ipa host-find | grep -i techa
 162  2023-04-20 13:33:41 ipa automember-find --type=hostgroup
 163  2023-04-20 13:34:26 dte
 164  2023-04-20 13:34:28 date
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165  2023-04-20 13:35:30 ipa hostgroup-show unix_techemother_high_hosts
166  2023-04-20 14:12:10 kinit admin
167  2023-04-20 14:12:33 ipa hostgroup-show unix_techemother_high_hosts
168  2023-04-20 14:12:49 ipa automember-find --type=hostgroup
169  2023-04-20 14:13:47 ipa config-show
170  2023-04-20 14:15:37 ipa user-show hx11318
171  2023-04-20 14:16:06 cd
172  2023-04-20 14:16:09 pwd
173  2023-04-20 14:16:13 ll
174  2023-04-20 14:17:16 mail -s "thur mail" jagadish.h@hcl.com
175  2023-04-20 14:17:32 ll
176  2023-04-20 14:17:44 ./ipa_user_password_set_and_send_mail.sh hx11318
177  2023-04-20 14:18:34 cat ipa_user_password_set_and_send_mail.sh
178  2023-04-20 14:20:14 ipactl status
179  2023-04-20 14:23:52 ipa hbactest --user=hx10717 --host=techl0363.eu.techem.corp --service=ssh | head -5
180  2023-04-20 14:24:22 ipa hbactest --user=hx11318 --host=techl0363.eu.techem.corp --service=ssh | head -5
181  2023-04-20 14:24:39 ipa hbactest --user=hx11811 --host=techl0363.eu.techem.corp --service=ssh | head -5
182  2023-04-20 14:25:00 ipa host-show techl0363.eu.techem.corp
183  2023-04-20 14:27:29 history | grep ipa
184  2023-04-20 14:27:57 ipa automember-rebuild --type=hostgroup
185  2023-04-20 12:46:52 sar 1
186  2023-04-20 12:52:41 df -h
187  2023-04-20 12:52:57 sar 1
188  2023-04-20 12:55:47 sar 1
189  2023-04-20 13:02:01 sar 1
190  2023-04-20 13:29:14 sar 1
191  2023-04-20 14:39:55 cat /home/ansiblehcl/.ssh/authorized_keys
192  2023-04-20 14:43:56 df -h
193  2023-04-20 14:44:01 cd /var/log/
194  2023-04-20 14:44:03 ls -lrth
195  2023-04-20 14:44:10 du -sh
196  2023-04-20 14:44:15 du -sh * | sorth -h
197  2023-04-20 14:44:17 du -sh * | sort -h
198  2023-04-20 14:44:26 tail krb5kdc.log
199  2023-04-20 14:44:47 chronyc tracking
200  2023-04-20 15:18:16 cd /var/log
201  2023-04-20 15:18:16 ls
202  2023-04-20 15:18:37 grep -Ri techl0488 *
203  2023-04-20 15:37:23 ipa automember-rebuild --type=hostgroup
204  2023-04-20 15:48:04 kinit admin
205  2023-04-20 15:48:17 ipahost-show techl0488
206  2023-04-20 15:48:22 ipa host-show techl0488
207  2023-04-20 15:48:42 ipa host-show data.point.techem.de
208  2023-04-20 15:49:06 ipa host-show techl0488
209  2023-04-20 15:49:45 cd /var/log/
210  2023-04-20 15:49:51 ls -lrth
211  2023-04-20 15:49:58 du -sh | grep -i sort -h
212  2023-04-20 15:50:03 du -sh * | grep -i sort -h
213  2023-04-20 15:50:09 du -sh * |  sort -h
214  2023-04-20 15:50:33 tar cvzf krb5kdc.log-20230401
215  2023-04-20 15:50:38 tar -cvzf krb5kdc.log-20230401
216  2023-04-20 15:52:48 tar cfz krb5kdc.log-20230401.tgz krb5kdc.log-20230401
217  2023-04-20 15:53:13 du -sh krb5kdc.log-20230401.tgz
218  2023-04-20 15:53:17 df -h .
219  2023-04-20 15:53:28 du -sh * |  sort -h
220  2023-04-20 15:53:46 rm -rf krb5kdc.log-20230401
221  2023-04-20 15:53:51 df -h /var
222  2023-04-20 15:53:55 ipa host-show techl0488
223  2023-04-20 15:54:13 ipa host-show data.point.techem.de
224  2023-04-20 15:54:22 ipa host-del data.point.techem.de
225  2023-04-20 15:55:18 ipa host-show techl0488
226  2023-04-21 07:37:49 kinit admin
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227  2023-04-21 07:39:12 klist
228  2023-04-21 07:43:15 ll
229  2023-04-21 07:43:16 cd
230  2023-04-21 07:43:16 ll
231  2023-04-21 07:43:24 cd jagadish/
232  2023-04-21 07:43:24 ll
233  2023-04-21 07:43:36 less sudoers_from_techl0001
234  2023-04-21 07:44:45 perl -pe 's/\\\n/ /' sudoers_from_techl0001 | grep techl0558
235  2023-04-21 07:45:15 perl -pe 's/\\\n/ /' sudoers_from_techl0001 | grep UNIX_POSTGRES_HIGH_
236  2023-04-21 07:47:54 perl -pe 's/\\\n/ /' sudoers_from_techl0001 | grep techl0558
237  2023-04-21 07:48:16 perl -pe 's/\\\n/ /' sudoers_from_techl0001 | grep UNIX_POSTGRES_MEDIUM
238  2023-04-21 07:48:44 perl -pe 's/\\\n/ /' sudoers_from_techl0001 | grep POSTGRESREPOSTOR_CMDS
239  2023-04-21 07:49:07 perl -pe 's/\\\n/ /' sudoers_from_techl0001 | grep UNIX_POSTGRES_HIGH
240  2023-04-21 07:49:49 perl -pe 's/\\\n/ /' sudoers_from_techl0001 | grep UNIX_POSTGRESAPP_MEDIUM_CMDS
241  2023-04-21 08:48:47 kinit admin
242  2023-04-21 08:49:25 ipa group-find
243  2023-04-21 08:49:44 ipa group-find | grep -i hcl
244  2023-04-21 08:49:52 ipa group-find | grep -i design
245  2023-04-21 08:50:21 ipa group-add unix_demo_high_users
246  2023-04-21 08:50:59 ipa group-add-member unix_demo_high_users --users=hx11318
247  2023-04-21 08:51:52 ipa group-show unix_demo_high_users
248  2023-04-21 08:51:59 ipa group-del unix_demo_high_users
249  2023-04-21 08:52:32 ipa group-add --desc="group_owner=mailid" unix_demo_high_users
250  2023-04-21 09:29:04 ipa group-find
251  2023-04-21 09:29:15 ipa group-find | grep -i default
252  2023-04-21 11:36:01 kinit admin
253  2023-04-21 11:36:18 ipa hbacrule-find | grep -i jump
254  2023-04-21 11:36:30 ipa hbacrule-show hbac_unix_jumphost_basic
255  2023-04-21 15:08:32 ipa --version
256  2023-04-21 10:56:20 history | grep xauth
257  2023-04-21 10:56:30 xauth add techl0745.idm.eu.techem.corp/unix:10  MIT-MAGIC-COOKIE-1  20087afa34c2f4707c02b1c2510e4dd4
258  2023-04-21 10:56:43 export DISPLAY=localhost:10.0
259  2023-04-21 10:56:48 firefox&
260  2023-04-21 10:56:52 bc
261  2023-04-21 10:59:10 kill 342953
262  2023-04-21 10:59:16 firefox&
263  2023-04-21 10:59:26 bc
264  2023-04-21 09:18:54 history | grep ipa
265  2023-04-21 09:19:58 ipa host-show techa0050
266  2023-04-21 09:20:26 ipa host-show techa0108
267  2023-04-21 09:22:55 bc
268  2023-04-21 09:26:19 ipa hostgroup-remove-member unix_techembautec_high_hosts --hosts=techa0050.eu.techem.corp
269  2023-04-21 09:26:31 ipa hostgroup-remove-member unix_techembautec_high_hosts --hosts=techa0108.eu.techem.corp
270  2023-04-21 09:27:10 ipa hostgroup-remove-member unix_techemtecportal_high_hosts --hosts=techa0050.eu.techem.corp
271  2023-04-21 09:27:41 ipa hostgroup-remove-member unix_techemtibco_high_hosts --hosts=techa0050.eu.techem.corp
272  2023-04-21 09:29:53 bc
273  2023-04-21 09:29:58 top
274  2023-04-21 10:02:12 ipa host-show techl0098
275  2023-04-21 10:03:15 top
276  2023-04-24 12:52:52 kinit admin
277  2023-04-24 12:53:07 ipa group-find | grep -i scom
278  2023-04-24 12:53:29 ipa group-add hcl_unix_techemscom_high_users
279  2023-04-24 12:53:35 ipa group-find | grep -i aom
280  2023-04-24 12:53:49 ipa group-find | grep -i infra
281  2023-04-24 12:53:59 ipa group-add unix_techemscom_high_users
282  2023-04-24 12:54:15 ipa group-del hcl_unix_techemscom_high_users
283  2023-04-24 12:54:35 id [Window Title]
284  2023-04-24 12:54:35 C:\Windows\temp\sepub.exe
285  2023-04-24 12:54:35 [Content]
286  2023-04-24 12:54:35 Windows cannot find 'C:\Windows\temp\sepub.exe'. Make sure you typed the name correctly, and then try again.
287  2023-04-24 12:54:50 id hx11450
288  2023-04-24 12:57:33 ipa user-add hx11450 --first=Amit --last=Guptha --email=gupta-ami@hcl.com
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289  2023-04-24 12:58:03 ipa group-add-member unix_techemscom_high_users --users=hx11450
290  2023-04-24 12:58:07 id hx11450
291  2023-04-24 13:00:43 ipa hbactest --user=hx11318 --host=techl0726.eu.techem.corp --service=ssh | head -5
292  2023-04-24 13:01:00 ipa hbactest --user=hx11450 --host=techl0726.eu.techem.corp --service=ssh | head -5
293  2023-04-24 13:01:20 ipa hbacrule-show hbac_unix_infradesign_high
294  2023-04-24 13:02:48 ipa group-find | grep -i infra
295  2023-04-24 13:03:07 ipa group-find | grep -i scom
296  2023-04-24 13:03:16 ipa group-find | grep -i tech
297  2023-04-24 13:03:21 ipa group-find | grep -i scom
298  2023-04-24 13:03:34 ipa group-del unix_techemscom_high_users
299  2023-04-24 13:03:48 ipa group-add unix_scom_high_users
300  2023-04-24 13:04:04 ipa group-add-member unix_scom_high_users --users=hx11450
301  2023-04-24 13:04:35 ipa hbacrule-show hbac_unix_infradesign_high
302  2023-04-24 13:04:54 ipa hbacrule-add hbac_unix_scom_high
303  2023-04-24 13:05:19  ipa hbacrule-add-user hbac_unix_scom_high
304  2023-04-24 13:05:45 ipa hbacrule-show hbac_unix_scom_high
305  2023-04-24 13:06:38 ipa hbacrule-mod hbac_unix_scom_high --hostcat=all
306  2023-04-24 13:06:50 ipa hbactest --user=hx11450 --host=techl0726.eu.techem.corp --service=ssh | head -5
307  2023-04-24 13:07:11 ipa group-show unix_scom_high_users
308  2023-04-24 13:07:56 ipa hbacrule-show hbac_unix_infradesign_high
309  2023-04-24 13:08:13 ipa hbacrule-mod hbac_unix_scom_high --help
310  2023-04-24 13:08:35 ipa hbacrule-mod hbac_unix_scom_high --servicecat=all
311  2023-04-24 13:08:39 ipa hbactest --user=hx11450 --host=techl0726.eu.techem.corp --service=ssh | head -5
312  2023-04-24 13:09:55 ipa sudorule-find | grep -i infra
313  2023-04-24 13:10:09 ipa sudorule-show sudo_unix_infradesign_high
314  2023-04-24 13:14:46 ipa sudorule-add sudo_unix_scom_high --hostcat=all --servicecat=all
315  2023-04-24 13:15:01 ipa sudorule-add sudo_unix_scom_high --hostcat=all
316  2023-04-24 13:15:36  ipa sudorule-mod sudo_unix_scom_high --he,p
317  2023-04-24 13:15:39  ipa sudorule-mod sudo_unix_scom_high --help
318  2023-04-24 13:15:55  ipa sudorule-mod sudo_unix_scom_high --cmdcat=all
319  2023-04-24 13:16:00 ipa sudorule-show sudo_unix_infradesign_high
320  2023-04-24 13:16:09 ipa sudorule-show sudo_unix_scom_high
321  2023-04-24 13:17:05  ipa sudorule-mod sudo_unix_scom_high --runasusercat=all --runasgroupcat=all
322  2023-04-24 13:17:40 ipa sudorule-add-user sudo_unix_scom_high
323  2023-04-24 13:18:00 ipa sudorule-show sudo_unix_infradesign_high
324  2023-04-24 13:18:16 ipa sudorule-show sudo_unix_scom_high
325  2023-04-24 13:19:25 cd
326  2023-04-24 13:19:34 ipa group-show unix_scom_high_users
327  2023-04-24 13:19:39 mail -s "thur mail" jagadish.h@hcl.com
328  2023-04-24 13:19:58 ./ipa_user_password_set_and_send_mail.sh hx11450
329  2023-04-24 16:04:47 yum install ipa-client-epn
330  2023-04-24 16:05:14 rpm -qa | grep -i ipa-client
331  2023-04-24 16:06:35 ipa --version
332  2023-04-26 16:53:19 ipa user-show hx10905
333  2023-04-26 16:54:19 kinit admin
334  2023-04-26 16:56:15 ipa user-show hx10905
335  2023-04-26 16:56:27 ipa user-show hx12149
336  2023-04-26 16:57:10 id hx10905
337  2023-04-26 16:53:08 ipa show-user
338  2023-04-26 16:53:42 history
339  2023-04-26 16:53:55 ip user-show
340  2023-04-26 16:54:01 ipa user-show
341  2023-04-26 16:54:16 ipa user-show hx10905
342  2023-04-26 16:54:31 kinit admin
343  2023-04-26 16:55:22 ipa user-show hx10905z
344  2023-04-26 16:55:28 ipa user-show hx10905
345  2023-04-26 16:56:03 ipa user-show hx11817
346  2023-04-27 09:34:36 kinit admin
347  2023-04-27 09:34:52 ipa group-find | grep -i demo
348  2023-04-27 09:35:07 ipa hbacrule-find
349  2023-04-27 09:35:46 ipa group-find | grep -i demo
350  2023-04-27 09:36:16 ipa hbacrule-add hbac_unix_demo_high
```

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351  2023-04-27 09:36:56 ipa hbacrule-find | grep -i hcl
352  2023-04-27 09:39:14 ipa hbacrule-add-host --help
353  2023-04-27 09:39:27 ipa hbacrule-add-user --help
354  2023-04-27 09:40:19 ipa hostgroup-find | grep -i demo
355  2023-04-27 09:40:28 ipa hostgroup-find
356  2023-04-27 09:40:42 ipa group-find | grep -i demo
357  2023-04-27 09:41:14 ipa hostgroup-add unix_demo_high_hosts
358  2023-04-27 09:43:56 ipa hbacrule-find | grep -i demo
359  2023-04-27 09:44:15 ipa hbacrule-add-host --help
360  2023-04-27 09:45:05 ipa hbacrule-add-host hbac_unix_demo_high --hostgroups=unix_demo_high_hosts
361  2023-04-27 09:45:48 ipa hbacrule-add-user hbac_unix_demo_high --groups=unix_demo_high_users
362  2023-04-27 09:46:23 ipa group-show unix_demo_high_users
363  2023-04-27 09:48:12 ipa sudorule-find
364  2023-04-27 09:49:19 ipa sudorule-find
365  2023-04-27 09:49:53 ipa sudorule-add sudo_unix_demo_high
366  2023-04-27 09:50:37 ipa sudocmdgroup-find
367  2023-04-27 09:51:14 ipa sudocmdgroup-add unix_demo_high_cmds
368  2023-04-27 09:51:59 ipa sudocmdgroup-show unix_postgres_medium_cmnds
369  2023-04-27 09:52:41 ipa sudocmd-add
370  2023-04-27 09:53:09 ipa sudocmd-add
371  2023-04-27 09:55:15 ipa sudocmd-add  --help
372  2023-04-27 09:55:34 ipa sudocmd-del
373  2023-04-27 09:55:47 ipa sudocmd-add  /bin/democommand
374  2023-04-27 09:56:37 ipa sudocmdgroup-add-member --help
375  2023-04-27 09:56:54 ipa sudocmdgroup-add-member --sudocmds=/bin/democommand
376  2023-04-27 09:57:19 ipa sudocmdgroup-add-member unix_demo_high_cmds --sudocmds=/bin/democommand
377  2023-04-27 09:58:17 ipa sudorule-show sudo_unix_techembsicrm_high_all
378  2023-04-27 09:59:04 ipa sudorule-show sudo_unix_demo_high
379  2023-04-27 09:59:36 ipa sudorule-add-user sudo_unix_demo_high --help
380  2023-04-27 10:00:01 ipa sudorule-add-user sudo_unix_demo_high --groups=unix_demo_high_users
381  2023-04-27 10:00:06 ipa sudorule-show sudo_unix_demo_high
382  2023-04-27 10:01:24 ipa sudorule-add-host sudo_unix_demo_high --groups=unix_demo_high_hosts
383  2023-04-27 10:01:32 ipa sudorule-add-host sudo_unix_demo_high --hostgroups=unix_demo_high_hosts
384  2023-04-27 11:19:45 ipa user-show hx13947
385  2023-04-27 11:25:00 kinit admin
386  2023-04-27 11:25:17 ipa user-show hx13947
387  2023-04-27 11:25:44 ipa host-show techa0125
388  2023-04-27 11:39:22 ipa user-show hx11775
389  2023-04-27 12:11:58 ipa hostgroup-add-member --help
390  2023-04-27 13:22:18 kinti admin
391  2023-04-27 13:22:22 kinit admin
392  2023-04-27 13:22:39 ipa user-show hx10905
393  2023-04-27 13:22:55 ipa group-find | grep -i app
394  2023-04-27 13:23:05 ipa group-show unix_appmysql_medium_users
395  2023-04-27 13:26:44 ipa user-show hx11844
396  2023-04-27 13:27:06 ipa group-find | grep -i mysql
397  2023-04-27 13:27:48 ipa group-find | grep -i techemapp
398  2023-04-27 13:28:19 ipa group-find | grep -i aom
399  2023-04-27 13:31:50 ipa group-find | grep -i aom
400  2023-04-27 13:32:06 ipa group-show unix_prdlsaom_medium_users
401  2023-04-27 13:47:52 ipa group-find | grep -i mysql
402  2023-04-27 13:48:21 ipa host-show echl0490
403  2023-04-27 13:48:26 ipa host-show techl0490
404  2023-04-27 13:49:05 ipa group-show unix_appmysql_medium_users
405  2023-04-27 13:50:30 ipa group-find | grep -i sql
406  2023-04-27 13:53:21 ipa host-show techl0490
407  2023-04-27 13:54:54 ipa hbacrule-show hbac_unix_appmysql_medium
408  2023-04-27 13:55:17 ipa group-show unix_appmysql_medium_users
409  2023-04-27 13:55:56 ipa user-show hx13483
410  2023-04-27 13:56:11 ipa user-show hx11777
411  2023-04-27 14:10:38 ll
412  2023-04-27 14:10:40 cd
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413 2023-04-27 14:10:41 ll
414 2023-04-27 14:10:42 cd jagadish/
415 2023-04-27 14:10:43 ll
416 2023-04-27 14:10:49 less sudoers_from_techl0001
417 2023-04-27 14:12:55 ipa hbacrule-show hbac_unix_appmysql_medium
418 2023-04-27 14:13:01 ipa host-show techl0490
419 2023-04-27 14:13:43 ipa hostgroup-show unix_appmysql_medium_hosts
420 2023-04-27 14:15:06 ipa group-show unix_appmysql_medium_users
421 2023-04-27 14:17:25 ipa hbacrule-show hbac_unix_appmysql_medium
422 2023-04-27 14:18:08 ipa user-show hx11844
423 2023-04-27 14:27:29 echo "hx11844, hx12893, hx11830, hx13220, hx11777, hx11829, hx13293, hx11832, hx11833, hx11843, hx12269, hx12625, hx12900, hx12924, hx13092,"
424 2023-04-27 14:28:02 echo hx11844, hx12893, hx11830, hx13220, hx11777, hx11829, hx13293, hx11832, hx11833, hx11843, hx12269, hx12625, hx12900, hx12924, hx13092, hx13099, hx13213, hx13214, hx13483, hx13947"
425 2023-04-27 14:28:10 echo "hx11844, hx12893, hx11830, hx13220, hx11777, hx11829, hx13293, hx11832, hx11833, hx11843, hx12269, hx12625, hx12900, hx12924, hx13092, hx13099, hx13213, hx13214, hx13483, hx13947"
426 2023-04-27 14:28:20 echo "hx11844, hx12893, hx11830, hx13220, hx11777, hx11829, hx13293, hx11832, hx11833, hx11843, hx12269, hx12625, hx12900, hx12924, hx13092, hx13099, hx13213, hx13214, hx13483, hx13947" | tr ',' '\n'
427 2023-04-27 14:28:28 echo " hx11844, hx12893, hx11830, hx13220, hx11777, hx11829, hx13293, hx11832, hx11833, hx11843, hx12269, hx12625, hx12900, hx12924, hx13092, hx13099, hx13213, hx13214, hx13483, hx13947" | tr ',' '\n'
428 2023-04-27 14:28:41 ipa user-show hx11844
429 2023-04-27 14:28:54 ipa user-show hx11844 | grep "First name:"
430 2023-04-27 14:29:21 for i in `cat`;do ipa user-show $i|| grep "First name:";done
431 2023-04-27 14:29:54 for i in `cat`;do ipa user-show $i| grep "First name:";done
432 2023-04-27 14:31:14 ipa hbactest --user=hx11844 --host=techl0490.eu.techem.corp --service=ssh | head -5
433 2023-04-27 14:31:20 ipa hbactest --user=hx11844 --host=techl0490.eu.techem.corp --service=ssh | head -7
434 2023-04-27 15:50:01 ipa hbacrule-show hbac_unix_appmysql_medium
435 2023-04-27 15:54:57 ipa hbactest --user=hx11844 --host=techl0490.eu.techem.corp --service=ssh | head -7
436 2023-04-27 15:55:10 ipa hbactest --user=hx12893 --host=techl0490.eu.techem.corp --service=ssh | head -7
437 2023-04-27 15:55:29 ipa group-show unix_postgres_high_users
438 2023-04-27 15:55:51 ipa hbactest --user=hx13947 --host=techl0490.eu.techem.corp --service=ssh | head -7
439 2023-04-27 15:56:27 for i in `cat;do `ipa hbactest --user=$i --host=techl0490.eu.techem.corp --service=ssh | head -7;done
440 2023-04-27 15:56:42 for i in `cat`;do ipa hbactest --user=$i --host=techl0490.eu.techem.corp --service=ssh | head -7;done
441 2023-04-27 15:57:18 ipa group-show unix_postgres_high_users
442 2023-04-27 15:57:36 ipa group-show unix_postgres_medium_users
443 2023-04-27 15:39:33 kinit admin
444 2023-04-27 15:41:12 ipa host-add techa0011.eu.techem.corp
445 2023-04-27 15:42:17 ipa-getkeytab -v -s techl0745.idm.eu.techem.corp -p host/techa0011.eu.techem.corp@IDM.EU.TECHEM.CORP -k /tmp/techa0011.keytab
446 2023-04-27 15:42:25 ls -lrt /tmp/techa0011.keytab
447 2023-04-27 15:42:52 chmod 777 /tmp/techa0011.keytab
448 2023-04-27 15:58:15 ipa host-show --help
449 2023-04-27 15:58:40 ipa host
450 2023-04-27 15:59:39 ipa hostgroup-show UNIX_TECHEMAIXSAP_MEDIUM
451 2023-04-27 15:59:55 ipa hostgroup-show unix_techemaixsap_medium
452 2023-04-27 16:00:15 ipa hostgroup-find |grep -i sap
453 2023-04-27 16:01:46 ipa hostgroup-add-member
454 2023-04-27 16:02:19 ipa hostgroup-find |grep -i sap
455 2023-04-27 16:03:06 ipa hostgroup-add-member unix_sapbasis_high_hosts --hosts=techa0011
456 2023-04-27 16:03:26 ipa host-find techa0011
457 2023-04-27 16:03:54 ipa host-show techa0011
458 2023-04-27 16:04:42 ipa host-show techa0125
459 2023-04-27 16:17:44 ipa hbacrule-show hbac_unix_oracle_medium
460 2023-04-27 16:19:41 ipa sudorule-show sudo_unix_orac
461 2023-04-27 16:30:45 ipa group-show unix_oracle_high_users
462 2023-04-27 16:41:36 ipa host-show techa0011
463 2023-04-27 16:43:06 ipa group-show unix_sapbasis_high_users
464 2023-04-27 16:44:56 cd
465 2023-04-27 16:45:02 cat /etc/sudoers
466 2023-04-27 14:20:23 ipa user-show hx12149| grep xauth
467 2023-04-27 14:20:36 history | grep xauth
468 2023-04-27 14:20:57 xauth add techl0745.idm.eu.techem.corp/unix:10 MIT-MAGIC-COOKIE-1 2df525e1eb48a79e94273c178516053b

469 2023-04-27 14:21:11 export DISPLAY=localhost:10.0
470 2023-04-27 14:21:23 firefox&
471 2023-04-27 14:29:58 history
472 2023-04-27 14:30:13 ipa group-find | grep -i oracle
473 2023-04-27 14:31:23 ipa hostgroup-show help
474 2023-04-27 14:31:27 ipa hostgroup-show --help
475 2023-04-27 14:31:51 ipa hostgroup-find | grep oracle
476 2023-04-27 14:32:09 ipa hostgroup-show unix_oracle_high_hosts
477 2023-04-27 14:32:32 ipa hostgroup-show unix_oracle_medium_hosts
478 2023-04-27 14:33:17 ipa hostgroup-add-member --help
479 2023-04-27 14:33:56 ipa hostgroup-add-member unix_oracle_high_hosts --hosts=techa0125
480 2023-04-27 14:36:52 ipa hostgroup-add-member unix_oracle_medium_hosts --hosts=techa0125
481 2023-04-27 14:39:26 ipa hostgroup-add-member unix_oracledba_medium_hosts --hosts=techa0125
482 2023-04-27 14:39:55 ipa host-show techa125
483 2023-04-27 14:40:00 ipa host-show techa0125
484 2023-04-27 14:43:48 bc
485 2023-04-27 15:26:06 ipa user-find --help
486 2023-04-27 15:26:33 ipa user-find hx10905
487 2023-04-27 15:26:56 ipa user-find --login=hx10905
488 2023-04-27 15:27:06 bc
489 2023-04-27 17:54:00 exit
490 2023-04-28 10:15:58 kinit admin
491 2023-04-28 10:22:14 ipa host-add techa0013.eu.techem.corp
492 2023-04-28 10:22:47 ipa-getkeytab -v -s techl0745.idm.eu.techem.corp -p host/techa0013.eu.techem.corp@IDM.EU.TECHEM.CORP -k /tmp/techa0013.keytab
493 2023-04-28 10:22:58 chmod 777 /tmp/techa0013.keytab
494 2023-04-28 11:18:39 ipa host-show techa0013.eu.techem.corp
495 2023-04-28 11:18:49 kinit admin
496 2023-04-28 11:20:31 ipa host-show techa0125.eu.techem.corp
497 2023-04-28 11:21:56 ipa hostgroup-add-member unix_oracledba_medium_hosts --hosts=techa0013
498 2023-04-28 11:31:50 ipa hostgroup-add-member unix_oracle_high_hosts --hosts=techa0013
499 2023-04-28 11:43:31 ipa hostgroup-add-member unix_oracle_medium_hosts --hosts=techa0013
500 2023-04-28 11:53:00 ipa host-show techa0013.eu.techem.corp
501 2023-04-28 11:55:43 ipa host-show techa0125.eu.techem.corp
502 2023-04-28 11:56:09 clear
503 2023-04-28 11:56:12 ipa host-show techa0013.eu.techem.corp
504 2023-04-28 11:57:50 ipa host-show techa0011.eu.techem.corp
505 2023-04-28 11:59:12 ipa hostgroup-show unix_oracle_medium_hosts
506 2023-04-28 12:00:53 ipa hostgroup-show unix_sapbasis_high_hosts
507 2023-04-28 12:02:10 history
508 2023-04-28 12:05:05 ipa hostgroup-find |grep -i sap
509 2023-04-28 12:05:35 ipa hostgroup-find |grep -i oracle
510 2023-04-28 12:06:30 ipa host-show techa0011.eu.techem.corp
511 2023-04-28 12:08:10 ipa group-show unix_sapbasis_high_users
512 2023-04-28 12:08:59 ipa group-show unix_sapbasis_medium_users
513 2023-04-28 12:12:21 ipa hostgroup-find |grep -i oracle
514 2023-04-28 12:12:52 ipa group-show unix_oracle_high_users
515 2023-04-28 12:15:17 ipa group-show unix_oracle__medium_users
516 2023-04-28 12:15:39 ipa group-show unix_oracle_medium_users
517 2023-04-28 12:16:58 ipa group-show unix_oracledba_medium_users
518 2023-05-02 16:44:08 kinit admin
519 2023-05-02 16:45:53 ipa pwpolicy-find
520 2023-05-02 16:46:06 ipa pwpolicy-show techmgrp
521 2023-05-02 16:48:26 ipa pwpolicy-show techmgrp
522 2023-05-02 16:49:00 ipa automember-find --type=hostgroup
523 2023-05-02 17:14:21 ipa automember-show unix_techemaixdbadm_high_hosts
524 2023-05-03 16:00:11 cd /etc/sudoers.d/
525 2023-05-03 16:00:11 ls
526 2023-05-03 16:00:14 ls -lart
527 2023-05-03 16:00:17 cat /etc/passwd
528 2023-05-03 16:00:23 cd /home/satrce
529 2023-05-03 16:00:24 ls

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530  2023-05-03 16:00:26 cd .ssh/
531  2023-05-03 16:00:27 ls
532  2023-05-03 16:00:30 cat authorized_keys
533  2023-05-03 16:01:42 visudo
534  2023-05-03 16:09:18 top
535  2023-05-03 16:15:46 systemctl status puppet
536  2023-05-03 16:16:10 cat /etc/puppetlabs/puppet/puppet.conf
537  2023-05-03 16:16:45 puppet agent -t --noop
538  2023-05-03 16:22:47 visudo
539  2023-05-04 10:48:58 systemctl status puppet
540  2023-05-04 10:50:01 puppet agent -t --noop
541  2023-05-04 12:54:24 ipa hostgroup-show unix_techemaixdbops_high_users
542  2023-05-04 12:54:42 kinit admin
543  2023-05-04 12:56:04 ipa hostgroup-show unix_techemaixdbops_high_users
544  2023-05-04 12:57:35 ipa host-show techa0011
545  2023-05-04 12:58:09 ipa hostgroup-show unix_techemaixdbadm_high_hosts
546  2023-05-04 13:01:05 ipa group-show unix_techemaixdbadm_high_users
547  2023-05-04 13:09:55 ipa user-show dei06730
548  2023-05-04 13:10:29 ipa user-show tbob
549  2023-05-04 13:12:28 ipa group-show techmgrp
550  2023-05-04 13:12:46 ipa group-show admins
551  2023-05-04 13:13:16 ipa group-show unix_techemaixdbops_high_users
552  2023-05-04 13:13:52 ipa group-show unix_techemother_high_users
553  2023-05-04 13:14:34 ipa host-show techa0011
554  2023-05-04 13:15:06 ipa group-show unix_techemaixdbadm_high_hosts
555  2023-05-04 13:15:47 ipa group-show unix_techemaixdbadm_high_users
556  2023-05-04 13:16:01 ipa group-show unix_techemaixdbadm_high_groups
557  2023-05-04 13:16:52 ipa user-show hx11775
558  2023-05-04 13:17:47 ipa group-show unix_unix_high_users
559  2023-05-04 15:29:43 kinti admin
560  2023-05-04 15:29:47 kinit admin
561  2023-05-04 15:30:19 ipa hbactest --user=tbob --host=techa0011.eu.techem.corp --service=ssh | head -7
562  2023-05-04 15:30:50 ipa host-show techa0011
563  2023-05-04 15:31:48 ipa user-show tbob
564  2023-05-04 15:35:01 sss_cache -E
565  2023-05-04 15:35:08 systemctl restart sssd
566  2023-05-04 15:35:36 ipa hbactest --user=hx11775 --host=techa0011.eu.techem.corp --service=ssh | head -7
567  2023-05-04 15:35:43 ipa hbactest --user=tbob --host=techa0011.eu.techem.corp --service=ssh | head -7
568  2023-05-04 15:41:18 ipa sudorule-show sudo_unix_techemaixdbops_high_all
569  2023-05-04 15:42:00 ipa host-show techa0011
570  2023-05-04 15:42:23 ipa sudorule-show sudo_unix_sapbasis_high
571  2023-05-04 15:43:32 ipa hostgroup-show unix_sapbasis_high_hosts
572  2023-05-04 15:44:28 ipa group-show unix_sapbasis_high_users
573  2023-05-04 15:58:45 ipa hbactest --user=hx11775 --host=techa0011.eu.techem.corp --service=ssh | head -7
574  2023-05-04 15:58:52 sudo -l -U hx11775
575  2023-05-05 08:21:00 sar 1
576  2023-05-05 08:21:21 sar
577  2023-05-05 08:21:42 sar -f /var/log/sa/sa04
578  2023-05-05 08:21:46 sar -f /var/log/sa/sa03
579  2023-05-05 09:17:36 cat /etc/sysconfig/network
580  2023-05-05 09:23:45 authselect current
581  2023-05-05 09:23:57 systemctl status puppet
582  2023-05-05 09:24:04 ps -eaf | grep -i puppet
583  2023-05-05 09:24:34 sudo -l -U satrce
584  2023-05-05 09:25:20 cat /etc/sysconfig/network
585  2023-05-05 09:25:24 nisdomainname
586  2023-05-05 09:25:29 cat /etc/hosts
587  2023-05-05 09:26:16 nisdomainname
588  2023-05-05 09:26:23 strace nisdomainname
589  2023-05-05 09:26:53 strace nisdomainname
590  2023-05-05 09:27:46 cat /etc/hosts
591  2023-05-05 09:28:21 cat /etc/hostname
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592  2023-05-05 09:28:30 cat /etc/sysconfig/network
593  2023-05-05 09:28:42 cat /etc/sysconfig/network-scripts/ifcfg-ens192
594  2023-05-08 08:00:42 du -sh * | sort -h
595  2023-05-08 08:00:48 rm -rf krb5kdc.log-20230501
596  2023-05-08 08:00:50 df -h .
597  2023-05-08 08:01:04 du -sh * | sort -h
598  2023-05-08 08:01:06 df -h .
599  2023-05-08 08:01:16 sync
600  2023-05-08 08:01:18 df -h
601  2023-05-08 08:01:23 cd /var
602  2023-05-08 08:01:25 df -h .
603  2023-05-08 08:01:29 du -sh * | sort -h
604  2023-05-08 08:01:32 cd log/
605  2023-05-08 08:01:34 du -sh * | sort -h
606  2023-05-08 08:01:40 df -h .
607  2023-05-08 08:01:44 cd /var
608  2023-05-08 08:01:46 du -sh * | sort -h
609  2023-05-08 08:01:52 df -h
610  2023-05-08 08:02:29 lsof | grep -i var
611  2023-05-08 08:02:49 ll
612  2023-05-08 08:02:58 du -sh *
613  2023-05-08 08:03:07 cd log/
614  2023-05-08 08:05:50 sync
615  2023-05-08 08:05:53 df -h .
616  2023-05-08 08:06:07 lsof | grep -i var | grep -i kdc
617  2023-05-08 08:06:41 lsof | grep -i var | grep -i kdc | grep -i deleted
618  2023-05-08 08:07:19 top -p 239680
619  2023-05-08 08:08:15 ls -l /proc/239680/fd/
620  2023-05-08 08:08:46 >/proc/239680/fd/3
621  2023-05-08 08:08:49 df -h /var
622  2023-05-08 08:08:55 kinit admin
623  2023-05-08 08:09:11 ipactl status
624  2023-05-08 08:09:17 df -h
625  2023-05-08 08:12:36 history
626  2023-05-08 08:18:18 history | grep -i ipa hbacrule-add-user hbac_unix_scom_high
627  2023-05-08 08:18:28 history | grep -i  hbac_unix_scom_high
628  2023-05-09 17:03:51 kinit admin
629  2023-05-09 17:04:56 ipa host-show techa0011
630  2023-05-09 17:05:19 ipa host-show techa0013
631  2023-05-09 17:05:31 ipa host-show techa0125
632  2023-05-09 18:49:25 df -h
633  2023-05-09 18:49:44 id hx10914
634  2023-05-09 18:49:54 id hx10915
635  2023-05-09 18:50:02 id hx10905
636  2023-05-09 18:50:09 id hx10912
637  2023-05-09 18:50:29 kinit admin
638  2023-05-09 18:50:43 ipa group-find | grep -i appmy
639  2023-05-09 18:50:53 ipa group-show unix_appmysql_medium_users
640  2023-05-09 19:05:40 id hx10914
641  2023-05-09 19:05:50 id hx10912
642  2023-05-09 19:05:53 id hx10905
643  2023-05-09 19:05:58 id hx10915
644  2023-05-09 19:06:04 ipa group-show unix_appmysql_medium_users
645  2023-05-09 19:06:53 ipa group-add-member unix_appmysql_medium_users --users={hx10914,hx10912,hx10905,hx10915}
646  2023-05-09 19:07:07 ipa user-show hx10915
647  2023-05-09 19:07:31 ipa hostgroup-find  | grep -i appmy
648  2023-05-09 19:07:41 ipa hostgroup-show unix_appmysql_medium_hosts
649  2023-05-09 19:08:09 ipa hbactest --user=hx10915 --host=techldv5232.eu.techem.corp --service=ssh | head -7
650  2023-05-10 13:05:20 kinit admin
651  2023-05-10 13:06:40 mail -s "test" jagadish.h@hcl.com
652  2023-05-10 13:08:02 ipa hbactest --user=hx10915 --host=techl0726.eu.techem.corp --service=ssh | head -7
653  2023-05-10 13:08:32 ipa hostgroup-find | grep -i jump
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654  2023-05-10 13:08:54 ipa hostgroup-show hcl_unix_jumphost_basic_hosts
655  2023-05-10 13:09:11 ipa hbacrule-show hbac_unix_jumphost_basic
656  2023-05-10 13:09:45 ipa hbacrule-add-user --help
657  2023-05-10 13:10:21 ipa hbacrule-add-user hbac_unix_jumphost_basic --groups=hbac_unix_appmysql_medium
658  2023-05-10 13:10:55 ipa user-show hx10905
659  2023-05-10 13:11:09 ipa hbacrule-add-user hbac_unix_jumphost_basic --groups=unix_appmysql_medium_users
660  2023-05-10 13:11:14 ipa hbactest --user=hx10915 --host=techl0726.eu.techem.corp --service=ssh | head -7
661  2023-05-10 13:13:59 kinit admin
662  2023-05-10 13:14:05 cd
663  2023-05-10 13:14:06 cd
664  2023-05-10 13:14:07 ll
665  2023-05-10 13:14:27 ./ipa_user_password_set_and_send_mail.sh hx10905
666  2023-05-10 13:14:36 ./ipa_user_password_set_and_send_mail.sh hx10914
667  2023-05-10 13:14:44 ./ipa_user_password_set_and_send_mail.sh hx10915
668  2023-05-10 13:14:53 ./ipa_user_password_set_and_send_mail.sh hx10912
669  2023-05-11 13:09:13 kinit admin
670  2023-05-11 13:09:39 ipa user-show hx11775
671  2023-05-11 13:10:18 ipa user-show hx13947
672  2023-05-11 13:12:05 ipa
673  2023-05-11 13:14:57 ipa user-show dei02099
674  2023-05-11 13:15:36 ipa hostgroup-show techa0125
675  2023-05-11 13:15:49 ipa host-show techa0125
676  2023-05-11 12:49:01 history
677  2023-05-11 12:49:19 ipa hbactest --user=hx10915 --host=techl0726.eu.techem.corp --service=ssh | head -7
678  2023-05-11 12:49:29 kinit admin
679  2023-05-11 12:49:35 ipa hbactest --user=hx10915 --host=techl0726.eu.techem.corp --service=ssh | head -7
680  2023-05-11 12:50:04 ipa hbacrule-show hbac_unix_jumphost_basic
681  2023-05-11 12:50:45 ipa hostgroup-show hcl_unix_jumphost_basic_hosts
682  2023-05-11 12:51:08 ipa hbactest --user=hx10915 --host=techl0726.eu.techem.corp --service=ssh
683  2023-05-11 12:51:47 ipactl status
684  2023-05-11 13:01:54 kinit admin
685  2023-05-11 13:03:26 ipa user-find --help
686  2023-05-11 13:03:40 ipa user-find
687  2023-05-11 13:04:03 ipa config-show
688  2023-05-11 13:05:20 ipa user-show hx11318
689  2023-05-11 13:16:41 id tdl
690  2023-05-11 13:16:57 id thlm
691  2023-05-11 13:17:14 ipa user-show tdl
692  2023-05-11 13:18:11 ipa configshow
693  2023-05-11 13:18:16 ipa config-show
694  2023-05-11 13:22:32 ipa pwpolicy-show techmgrp
695  2023-05-11 13:25:13 ipa hbacrule-show hbac_unix_jumphost_basic
696  2023-05-11 13:27:05 ipa group-add-member --help
697  2023-05-11 13:27:56 ipa group-show unix_sapbasis_high_users
698  2023-05-11 13:28:30 id hx10712
699  2023-05-11 13:29:19 ipa group-show unix_sapbasis_high_users
700  2023-05-11 13:32:45 ipa hbacrule-show hbac_unix_jumphost_basic
701  2023-05-11 13:32:58 ipa hostgroup-show hcl_unix_jumphost_basic_hosts
702  2023-05-11 13:36:26 ipa hbacrule-show hbac_unix_jumphost_basic
703  2023-05-11 13:36:30 ipa group-show unix_sapbasis_high_users
704  2023-05-11 13:36:44 ipa sudorule-show sudo_unix_sapbasis_high
705  2023-05-11 13:37:05 ipa sudorule-show sudo_unix_sapbasis_medium
706  2023-05-11 13:37:35 ipa sudocmd-show unix_sapbasis_medium_cmnds
707  2023-05-11 13:37:47 ipa sudocmdgroup-show unix_sapbasis_medium_cmnds
708  2023-05-11 14:38:43 kinit admin
709  2023-05-11 14:39:54 ipa group-show techmgrp
710  2023-05-11 14:43:13 ipa group-show admin
711  2023-05-11 14:43:28 ipa group-show admins
712  2023-05-11 15:05:36 kinit admin
713  2023-05-11 15:06:19 ipa group-show unix_techemaixdbops_high_users
714  2023-05-11 15:10:49 ipa group-show unix_sapbasis_high_users
715  2023-05-11 15:11:52 ipa group-show unix_techemaixdbops_high
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716  2023-05-12 09:25:50 history
717  2023-05-12 09:26:02 ipa user-show hx11811
718  2023-05-12 14:31:51 cd
719  2023-05-12 14:31:53 cd jagadish/
720  2023-05-12 14:31:53 ll
721  2023-05-12 14:32:14 vim monitoring_users
722  2023-05-12 14:33:00 ll
723  2023-05-12 14:33:21 for i in `cat monitoring_users`;do id $i;done
724  2023-05-12 14:33:35 for i in `cat monitoring_users`;do id $i;done
725  2023-05-12 14:33:39 wc -l monitoring_users
726  2023-05-12 14:33:48 ll
727  2023-05-12 14:34:17 kinit admin
728  2023-05-12 14:34:33 ipa group-find  | grep -i desi
729  2023-05-12 14:34:52 ipa group-find  | grep -i oper
730  2023-05-12 14:35:08 ipa group-find  | grep -i unix | grep -i high
731  2023-05-12 14:36:25 ipa group-add unix_monitoring_medium_users
732  2023-05-12 14:37:08 ll
733  2023-05-12 14:38:02 for i in `cat monitoring_users`;do ipa group-add-member unix_monitoring_medium_users --users=$i;done
734  2023-05-12 14:39:11 ipa group-find  | grep -i unix | grep -i high
735  2023-05-12 14:39:21 ipa group-show unix_unix_high_users
736  2023-05-12 14:39:39 ipa hbacrule-show hbac_unix_unix_high
737  2023-05-12 14:39:59 ipa hbacrule-add --help
738  2023-05-12 14:41:12 ipa hbacrule-add hbac_unix_monitoring_medium --hostcat=['all']
739  2023-05-12 14:41:19 ipa hbacrule-add hbac_unix_monitoring_medium --hostcat=all
740  2023-05-12 14:41:53 ipa hbacrule-add-user --help
741  2023-05-12 14:42:26 ipa hbacrule-add-user hbac_unix_monitoring_medium --groups=unix_monitoring_medium_users
742  2023-05-12 14:42:49 ipa hbacrule-show hbac_unix_monitoring_medium
743  2023-05-12 14:43:05 ipa group-show unix_unix_high_users
744  2023-05-12 14:43:28 ipa hbacrule-show hbac_unix_unix_high
745  2023-05-12 14:43:32 ipa hbacrule-show hbac_unix_unix_high
746  2023-05-12 14:43:36 ipa hbacrule-show hbac_unix_monitoring_medium
747  2023-05-12 14:44:41 ipa hbacrule-mod hbac_unix_monitoring_medium --servicecat=all
748  2023-05-12 14:44:44 ipa hbacrule-show hbac_unix_monitoring_medium
749  2023-05-12 14:44:58 ipa group-show unix_monitoring_medium_users
750  2023-05-12 14:45:12 ipa hbactest --user=hx11145 --host=techl0726.eu.techem.corp --service=ssh
751  2023-05-12 14:45:20 ipa hbactest --user=hx11145 --host=techl0726.eu.techem.corp --service=ssh | head 7
752  2023-05-12 14:45:24 ipa hbactest --user=hx11145 --host=techl0726.eu.techem.corp --service=ssh | head -7
753  2023-05-12 14:46:18 ipa hbacrule-show hbac_unix_unix_high
754  2023-05-12 14:46:37 ipa group-show unix_unix_high_users
755  2023-05-12 14:46:44 ipa group-show unix_monitoring_medium_users
756  2023-05-12 14:47:26 ipa sudorule-add sudo_monitoring_medium_users
757  2023-05-12 14:47:35 ipa sudorule-del sudo_monitoring_medium_users
758  2023-05-12 14:47:44 ipa sudorule-add sudo_monitoring_medium
759  2023-05-12 14:48:17 ipa sudorule-show sudo_unix_unix_high
760  2023-05-12 14:48:24 ipa sudorule-show sudo_monitoring_medium
761  2023-05-12 14:50:37 ipa sudorule-mod --help
762  2023-05-12 14:50:58 ipa sudorule-mod sudo_monitoring_medium --hostcat=all
763  2023-05-12 14:51:16 ipa sudorule-show sudo_unix_unix_high
764  2023-05-12 14:51:19 ipa sudorule-show sudo_monitoring_medium
765  2023-05-12 14:52:02 ipa sudorule-add-user --help
766  2023-05-12 14:52:20 ipa sudorule-add-user --groups=unix_monitoring_medium_users
767  2023-05-12 14:53:10 ipa sudorule-del sudo_monitoring_medium
768  2023-05-12 14:53:41 ipa sudorule-add sudo_unix_monitoring_medium
769  2023-05-12 14:54:10 ipa sudorule-mod sudo_unix_monitoring_medium --hostcat=all
770  2023-05-12 14:54:31 ipa sudorule-add-user sudo_unix_monitoring_medium --groups=unix_monitoring_medium_users
771  2023-05-12 14:54:44 ipa sudorule-show sudo_unix_monitoring_medium
772  2023-05-12 14:55:18 ipa hbacrule-show hbac_unix_unix_high
773  2023-05-12 14:55:43 ipa group-show unix_unix_high_users
774  2023-05-12 14:56:03 ipa group-show unix_monitoring_medium_users
775  2023-05-12 14:59:44 ipa sudorule-find
776  2023-05-12 15:00:24 ipa sudorule-show sudo_unix_oracle_medium
777  2023-05-12 15:00:46 ipa sudorule-show sudo_unix_monitoring_medium
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  778  2023-05-12 15:01:40 ipa sudocmdgroup-show unix_oracle_medium_cmnds
  779  2023-05-12 15:02:10 ipa sudocmdgroup-add unix_monitoring_medium_cmds
  780  2023-05-12 15:02:35 pwd
  781  2023-05-12 15:02:50 vim monitoring_sudo_cmds
  782  2023-05-12 15:06:14 wc -l monitoring_sudo_cmds
  783  2023-05-12 15:20:07 ipa sudocmdgroup-add-member --help
  784  2023-05-12 15:20:35 ipa sudocmdgroup-add-member --sudocmds=/bin/su - oracle
  785  2023-05-12 15:20:42 ipa sudocmdgroup-add-member --sudocmds="/bin/su - oracle"
  786  2023-05-12 15:21:00 ipa sudocmdgroup-add-member unix_monitoring_medium_cmds --sudocmds="/bin/su - oracle"
  787  2023-05-12 15:21:16 ipa sudocmdgroup-show unix_monitoring_medium_cmds
  788  2023-05-12 15:22:01 for i in `cat monitoring_sudo_cmds`;do ipa sudocmdgroup-add-member unix_monitoring_medium_cmds --
sudocmds="$i";done
  789  2023-05-12 15:23:44 ipa sudocmdgroup-add-member unix_monitoring_medium_cmds --sudocmds="/bin/su - amtrix43"
  790  2023-05-12 15:24:05 ipa sudocmd-add "/bin/su - amtrix43"
  791  2023-05-12 15:24:08 ipa sudocmdgroup-add-member unix_monitoring_medium_cmds --sudocmds="/bin/su - amtrix43"
  792  2023-05-12 15:25:05 for i in `cat monitoring_sudo_cmds`;do ipa sudocmd-add "$i";done
  793  2023-05-12 15:30:40 for i in `cat monitoring_sudo_cmds`;do echo  "$i";done
  794  2023-05-12 15:30:56 cat monitoring_sudo_cmds
  795  2023-05-12 15:31:07 for i in `cat monitoring_sudo_cmds`;do echo  '$i';done
  796  2023-05-12 15:31:16 for i in `cat monitoring_sudo_cmds`;do echo  ${i};done
  797  2023-05-12 15:33:01 for i in `cat monitoring_sudo_cmds`;do echo  "${i}";done
  798  2023-05-12 15:33:23 for i in `cat monitoring_sudo_cmds`;do echo  "$i";done
  799  2023-05-12 15:36:13 OLDIFS=$IFS; IFS=$'\n';for i in `cat monitoring_sudo_cmds`;do echo  "$i";done;IFS=$OLDIFS
  800  2023-05-12 15:41:13 OLDIFS=$IFS;for i in `cat monitoring_sudo_cmds`;do ipa sudocmd-add "$i";done;IFS=$OLDIFS
  801  2023-05-12 15:41:35 OLDIFS=$IFS;for i in `cat monitoring_sudo_cmds`;do echo "$i";done;IFS=$OLDIFS
  802  2023-05-12 15:42:05 OLDIFS=$IFS; IFS=$'\n';for i in `cat monitoring_sudo_cmds`;do echo  "$i";done;IFS=$OLDIFS
  803  2023-05-12 15:43:05 OLDIFS=$IFS;IFS=$'\n';for i in `cat monitoring_sudo_cmds`;do ipa sudocmd-add "$i";done;IFS=$OLDIFS
  804  2023-05-12 15:45:15 history
  805  2023-05-12 15:46:12 OLDIFS=$IFS;IFS=$'\n';for i in `cat monitoring_sudo_cmds`;do ipa sudocmdgroup-add-member
unix_monitoring_medium_cmds --sudocmds="$i";done;done;IFS=$OLDIFS
  806  2023-05-12 15:46:56 OLDIFS=$IFS;IFS=$'\n';for i in `cat monitoring_sudo_cmds`;do ipa sudocmdgroup-add-member
unix_monitoring_medium_cmds --sudocmds="$i";done;IFS=$OLDIFS
  807  2023-05-12 15:49:57 history
  808  2023-05-12 15:51:00 ipa sudocmdgroup-show sudocmdgroup-add-member
  809  2023-05-12 15:51:07 ipa sudocmdgroup-show unix_monitoring_medium_cmds
  810  2023-05-12 15:51:47  ipa sudocmdgroup-show unix_oracle_medium_cmnds
  811  2023-05-12 15:52:11 ipa sudorule-add --help
  812  2023-05-12 15:52:50 ipa sudorule-show sudo_unix_monitoring_medium
  813  2023-05-12 15:53:19 ipa sudorule-show sudo_unix_oracle_medium
  814  2023-05-12 15:54:05 ipa sudorule-add-allow-command --help
  815  2023-05-12 15:54:36 ipa sudorule-add-allow-command sudo_unix_monitoring_medium --
sudocmdgroups=unix_monitoring_medium_cmds
  816  2023-05-12 15:54:44 ipa sudorule-show sudo_unix_oracle_medium
  817  2023-05-12 15:54:48 ipa sudorule-show sudo_unix_monitoring_medium
  818  2023-05-12 16:08:53 ipa user-add demojuser
  819  2023-05-12 16:11:14 ipa group-add-member unix_monitoring_medium_users --users=demojuser
  820  2023-05-12 16:11:25 cd
  821  2023-05-12 16:11:27 cat ipa_user_password_set_and_send_mail.sh
  822  2023-05-12 16:11:37 ipa user-mod --random demojuser
  823  2023-05-12 16:14:02 cd jagadish/
  824  2023-05-12 16:14:07 grep-i cat monitoring_sudo_cmds
  825  2023-05-12 16:14:14 grep -i cat monitoring_sudo_cmds
  826  2023-05-12 16:15:14 ipa user-del demojuser
  827  2023-05-12 16:15:30 ipa group-show  unix_monitoring_medium_users
  828  2023-05-12 16:15:42 ipa user-add demojuser
  829  2023-05-12 16:15:49 ipa group-show  unix_monitoring_medium_users
  830  2023-05-12 16:15:55 ipa user-del demojuser
  831  2023-05-12 16:15:59 ipa user-del demojuser
  832  2023-05-12 16:23:17 cat monitoring_
  833  2023-05-12 16:23:19 cat monitoring_users
  834  2023-05-12 16:25:49 cat  monitoring_sudo_cmds
  835  2023-05-12 18:40:34 cd
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836  2023-05-12 18:40:35 cd jagadish/
837  2023-05-12 18:40:35 ll
838  2023-05-12 18:40:39 cat monitoring_users
839  2023-05-12 18:42:42 cat monitoring_sudo_cmds
840  2023-05-12 18:50:32 cat monitoring_users
841  2023-05-12 18:52:11 cat monitoring_sudo_cmds
842  2023-05-15 08:05:03 kinit admin
843  2023-05-15 08:05:11 cd
844  2023-05-15 08:05:12 cd ajga
845  2023-05-15 08:05:14 cd jagadish/
846  2023-05-15 08:05:16 cat monitoring_users
847  2023-05-15 08:05:43 cat ~/ipa_user_password_set_and_send_mail.sh
848  2023-05-15 08:06:24 for i in `cat monitoring_users`;do ipa user-show $i | awk '/Email address:/{print $3}';done
849  2023-05-15 08:19:51 mail -s "test" jagadish.h@hcl.com
850  2023-05-15 08:20:12 kinit admin
851  2023-05-15 08:20:22 cd
852  2023-05-15 08:20:24 cat ipa_user_password_set_and_send_mail.sh
853  2023-05-15 08:20:29 cd jagadish/
854  2023-05-15 08:20:29 ll
855  2023-05-15 08:20:43 cd
856  2023-05-15 08:21:03 for i in `cat jagadish/monitoring_users`;do ipa user-show $i | awk '/Email address:/{print $3}';done
857  2023-05-15 08:22:10 for i in `cat jagadish/monitoring_users`;do echo $i;done
858  2023-05-15 08:22:24 for i in `cat jagadish/monitoring_users`;do ./ipa_user_password_set_and_send_mail.sh $i;done
859  2023-05-15 08:23:15 tail /var/log/maillog
860  2023-05-15 08:23:27 tail /var/log/maillog
861  2023-05-15 08:23:29 tail /var/log/maillog
862  2023-05-15 08:23:34 mailq
863  2023-05-15 10:03:19 kinit admin
864  2023-05-15 10:03:45 ipa group-find |grep -i monitor
865  2023-05-15 10:03:59 ipa group-show unix_monitoring_medium_users
866  2023-05-15 10:04:35 ipa hbacrule-find hbac_unix_monitoring_medium
867  2023-05-15 10:04:57 ipa hbacrule-show hbac_unix_monitoring_medium
868  2023-05-15 10:06:17 ipa hbactest --user=hx11145 --host=techl0726.eu.techem.corp --service=ssh | head -7
869  2023-05-15 10:07:06 ipa sudorule-find |grep -i monitor
870  2023-05-15 10:07:18 ipa sudorule-show sudo_unix_monitoring_medium
871  2023-05-15 10:08:23 ipa sudocmdgroup-show unix_monitoring_medium_cmds
872  2023-05-15 10:08:50 history |grep sudo
873  2023-05-15 10:10:47 cd jagadish/
874  2023-05-15 10:10:47 ll
875  2023-05-15 10:10:54 cat monitoring_sudo_cmds
876  2023-05-15 10:11:51 OLDIFS=$IFS;for i in `cat monitoring_sudo_cmds` ; do echo $i; done
877  2023-05-15 10:15:22 OLDIFS=$IFS;IFS=$'\n';for i in `cat monitoring_sudo_cmds` ; do echo $i; done;IFS=$OLDIFS
878  2023-05-16 09:36:17 kinit admin
879  2023-05-16 09:36:31 ipa hbacrule-show hbac_unix_monitoring_medium
880  2023-05-16 09:37:00 history | grep -i cat
881  2023-05-16 09:37:15 history | grep -i cat | grep -i moni
882  2023-05-16 09:37:50 ipa hbacrule-add  --help
883  2023-05-16 09:38:03 history | grep -i servicecat
884  2023-05-16 16:40:58 kinit admin
885  2023-05-16 16:41:08 ipa group-show unix_scom_high_users
886  2023-05-16 16:41:20 ipa hbacrule-show hbac_unix_scom_high
887  2023-05-16 16:41:42 history | grep -i sudo_unix_scom_high
888  2023-05-16 16:42:38 history | grep -i hbac_unix_scom_high
889  2023-05-16 16:43:31 ipa group-add --help
890  2023-05-16 16:44:13 ipa sudorule-show sudo_unix_scom_high
891  2023-05-16 16:46:05 history | grep -i sudo_unix_scom_high
892  2023-05-16 16:47:12 ipa sudorule-show sudo_unix_scom_high
893  2023-05-17 08:53:15 cd
894  2023-05-17 08:53:15 ll
895  2023-05-17 08:53:21 ll /root/ipa_user_password_set_and_send_mail.sh
896  2023-05-17 09:03:50 id hx11150
897  2023-05-17 09:07:28 kinit admin
```

```
898  2023-05-17 09:09:09 ipa user-add  hx11150 --first=Sivasankaran --last=s --email=sivasankaran_s@hcl.com
899  2023-05-17 09:09:26 ipa user-show hx11145
900  2023-05-17 09:09:53 ipa group-add-member unix_monitoring_medium_users
901  2023-05-17 09:10:27 ipa hbactest --user=hx11145 --host=techl0726.eu.techem.corp --service=ssh | head -7
902  2023-05-17 09:10:35 ipa hbactest --user=hx11150 --host=techl0726.eu.techem.corp --service=ssh | head -7
903  2023-05-17 09:10:41 cd
904  2023-05-17 09:10:54 ./ipa_user_password_set_and_send_mail.sh hx11150
905  2023-05-17 09:16:20 history
906  2023-05-17 09:19:06 echo hx11150 >> jagadish/monitoring_users
907  2023-05-17 10:34:41 kinit admin
908  2023-05-17 10:34:58 ipa hbacrule-show hbac_unix_infradesign_high
909  2023-05-17 10:35:11 ipa hbacrule-show hbac_unix_infradesign_high
910  2023-05-17 10:35:41 ipa hbacrule-find | grep -i jump
911  2023-05-17 10:36:06 ipa hbacrule-show hbac_unix_jumphost_basic
912  2023-05-17 10:36:51 ipa hostgroup-show hcl_unix_jumphost_basic_hosts
913  2023-05-17 10:37:17 ipa user-show hx11318
914  2023-05-17 11:56:41 ipactl status
915  2023-05-17 11:56:48 klist
916  2023-05-17 11:56:57 kdestroy -A
917  2023-05-17 11:57:01 ipactl status
918  2023-05-17 11:57:06 klist
919  2023-05-17 11:57:18 klist
920  2023-05-17 11:57:23 kinit admin
921  2023-05-17 11:57:29 klist
922  2023-05-17 11:57:51 /sbin/ipactl status
923  2023-05-17 11:58:30 mkdir -p  /etc/ipa_monitoring
924  2023-05-17 11:58:50 vim /etc/ipa_monitoring/ipactl_functional_status.sh
925  2023-05-17 11:59:38 cd /etc/ipa_monitoring/
926  2023-05-17 11:59:39 ll
927  2023-05-17 11:59:44 chmod a+x ipactl_functional_status.sh
928  2023-05-17 11:59:47 ./ipactl_functional_status.sh
929  2023-05-17 12:00:56 cd /etc/cron.d
930  2023-05-17 12:01:02 vim ipa_monitoring
931  2023-05-17 12:02:06 cat ipa_monitoring
932  2023-05-17 12:02:18 mkdir -p /var/log/ipa_monitoring
933  2023-05-17 12:02:24 ll /var/log/ipa_monitoring
934  2023-05-17 12:03:15 ll /var/log/ipa_monitoring/
935  2023-05-17 12:03:18 date
936  2023-05-17 12:03:26 crontab -l
937  2023-05-17 12:03:32 cat /etc/cron.d/ipa_monitoring
938  2023-05-17 12:04:59 ll /var/log/ipa_monitoring/
939  2023-05-17 12:08:23 ll /var/log/ipa_monitoring/
940  2023-05-17 12:08:28 date
941  2023-05-17 12:08:44 vim /etc/ipa_monitoring/ipactl_functional_status.sh
942  2023-05-17 12:09:32 cat /etc/ipa_monitoring/ipactl_functional_status.sh
943  2023-05-17 12:11:06 ll /var/log/ipa_monitoring/
944  2023-05-17 12:11:14 cat /var/log/ipa_monitoring/ipactl_functional_status.log
945  2023-05-17 12:11:25 kinit -k -t /etc/krb5.keytab
946  2023-05-17 12:11:29 echo $?
947  2023-05-17 12:11:33 kinit -k -t /etc/krb5.keytaba
948  2023-05-17 12:12:29 vim /etc/ipa_monitoring/ipactl_functional_status.sh
949  2023-05-17 12:12:45 /etc/ipa_monitoring/ipactl_functional_status.sh
950  2023-05-17 12:12:53 vim /etc/ipa_monitoring/ipactl_functional_status.sh
951  2023-05-17 12:13:01 /etc/ipa_monitoring/ipactl_functional_status.sh
952  2023-05-17 12:13:13 cat /etc/ipa_monitoring/ipactl_functional_status.sh
953  2023-05-17 12:13:32 vim /etc/ipa_monitoring/ipactl_functional_status.sh
954  2023-05-17 12:13:44 vim /etc/ipa_monitoring/ipactl_functional_status.sh
955  2023-05-17 12:13:54 /etc/ipa_monitoring/ipactl_functional_status.sh
956  2023-05-17 12:13:57 vim /etc/ipa_monitoring/ipactl_functional_status.sh
957  2023-05-17 12:14:04 /etc/ipa_monitoring/ipactl_functional_status.sh
958  2023-05-17 12:15:34 /sbin/ipa-replica-manage list
959  2023-05-17 12:16:04 /sbin/ipa-replica-manage list|sed "s/:.*//g"
```

960 2023-05-17 12:18:04 ll /bin/ds-replcheck
961 2023-05-17 12:25:39 /bin/ds-replcheck -D "cn=directory manager" -m ldap://127.0.0.1 -r ldap://"techl0743.idm.eu.techem.corp" -b "$base" -w "$pwd" --ignore "krbloginfailedcount,krblastfailedauth"
962 2023-05-17 12:29:19 /bin/ds-replcheck -D "cn=directory manager" -m ldap://127.0.0.1 -r ldap://"techl0743.idm.eu.techem.corp" -b "dc=idm,dc=eu,dc=corp.dc=net" -w "idmtechem123" --ignore "krbloginfailedcount,krblastfailedauth"
963 2023-05-17 12:29:39 /bin/ds-replcheck -D "cn=directory manager" -m ldap://127.0.0.1 -r ldap://"techl0743.idm.eu.techem.corp" -b "dc=idm,dc=eu,dc=corp,dc=net" -w "idmtechem123" --ignore "krbloginfailedcount,krblastfailedauth"
964 2023-05-17 12:31:47 /bin/ds-replcheck -D 'cn=directory manager' -m ldap://127.0.0.1 -r ldap://techl0743.idm.eu.techem.corp -b dc=idm,dc=eu,dc=corp,dc=net -w idmtechem123 --ignore krbloginfailedcount,krblastfailedauth
965 2023-05-17 12:33:03 /bin/ds-replcheck -D 'cn=directory manager' -m ldap://127.0.0.1 -r ldap://techl0743.idm.eu.techem.corp -b dc=idm,dc=eu,dc=corp -w idmtechem123 --ignore krbloginfailedcount,krblastfailedauth
966 2023-05-17 12:33:10 cat /etc/ipa/default.conf
967 2023-05-17 12:33:28 /bin/ds-replcheck -D 'cn=directory manager' -m ldap://127.0.0.1 -r ldap://techl0743.idm.eu.techem.corp -b dc=idm,dc=eu,dc=techem,dc=corp -w idmtechem123 --ignore krbloginfailedcount,krblastfailedauth
968 2023-05-17 12:33:43 ds-replcheck -h
969 2023-05-17 12:35:01 man /bin/ds-replcheck
970 2023-05-17 12:35:30 man /bin/ds-replcheck
971 2023-05-17 12:40:12 rpm -qf /bin/ds-replcheck
972 2023-05-17 12:46:34 cat /etc/redhat-release
973 2023-05-17 12:46:44 yum install /usr/bin/ipa-healthcheck
974 2023-05-17 12:47:01 ipa-healthcheck
975 2023-05-17 12:49:04 ipa-healthcheck --list-sources
976 2023-05-17 12:49:58 ipa-healthcheck --source=ipahealthcheck.ds.replication
977 2023-05-17 12:50:23 ipa-healthcheck --source=ipahealthcheck.ds.replication --source=ipahealthcheck.ipa.topology
978 2023-05-17 12:50:53 ipa-healthcheck --source=ipahealthcheck.ipa.topology
979 2023-05-17 12:51:31 ipa-healthcheck --source=ipahealthcheck.ds.replication
980 2023-05-17 12:55:39 ipa-healthcheck --source=ipahealthcheck.meta.services
981 2023-05-17 12:59:03 ipa-healthcheck --list-sources
982 2023-05-17 12:59:39 ipa-healthcheck --source=ipahealthcheck.system.filesystemspace
983 2023-05-17 13:00:53 ipa-healthcheck --source ipahealthcheck.ipa.idns
984 2023-05-17 13:01:39 ipa-healthcheck --source ipahealthcheck.ipa.kdc
985 2023-05-17 13:01:55 ipa-healthcheck --source=ipahealthcheck.ipa.kdc
986 2023-05-17 13:02:44 ipa-healthcheck --source=ipahealthcheck.ds.replication --source=ipahealthcheck.ipa.topology
987 2023-05-17 13:03:34 ipa-healthcheck --source=ipahealthcheck.dogtag.ca
988 2023-05-17 13:04:45 ipa-healthcheck --failures-only
989 2023-05-17 13:08:51 which ipa-healthcheck
990 2023-05-17 13:08:56 file /bin/ipa-healthcheck
991 2023-05-17 13:09:02 cat /bin/ipa-healthcheck
992 2023-05-17 13:09:32 date
993 2023-05-17 13:11:41 systemctl status ipa-healthcheck.timer
994 2023-05-17 13:11:47 systemctl status ipa-healthcheck.service
995 2023-05-17 13:12:40 cat /etc/ipahealthcheck/ipahealthcheck.conf
996 2023-05-17 14:21:16 ipa-healthcheck --source=ipahealthcheck.ipa.files --failures-only
997 2023-05-17 15:57:49 history
998 2023-05-18 04:47:03 history | grep -i ipa user-show
999 2023-05-18 04:48:20 ipa user-show dex03590
1000 2023-05-18 04:51:09 ipa user-mod --password dex03590
1001 2023-05-18 08:30:25 history

IDM UDCN ISSUE

Tuesday, December 26, 2023 8:23 PM

IDM/IPA: How to map AD users/groups to local IDM/ FreeIPA posix group in IPA - AD trust environment - Red Hat Customer Portal

https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/linux_domain_identity_authentication_and_policy_guide/hbac-configure-domain#hbac-add

ISSUE:
[krb5_child_timeout] (0x3f7c0): [RID#59] Timeout for child [1065051] reached. In case KDC is distant or network is slow you may consider increasing value of krb5_auth_timeout.
(2023-12-26 21:44:02): [be[idm.udtrucks.net]] [krb5_auth_done] (0x0020): [RID#59] child timed out!

```
systemctl stop sssd; rm -f /var/lib/sss/db/* /var/log/sssd/* ;systemctl start sssd
cat /etc/krb5.conf
systemctl status sssd
kinit a330505x@UDCN.UDTRUCKS.NET
getent passwd -s sss a330505x@UDCN.UDTRUCKS.NET
time id a330505x@UDCN.UDTRUCKS.NET
```

Added below in sssd.conf file to resolve the krb5 timeout issue
ignore_group_members = true
krb5_auth_timeout = 60

Tuesday, February 22, 2022 7:06 PM

Roster scipt file

/var/www/cgi-bin/SO/display_roster.py ---- Main script

/var/www/html/SO/roster.html

/var/www/cgi-bin/SO/weeknumber.py

/var/www/html/SO/roster-display.html

/var/data/SO/Roster_files/

/var/www/html/SO

Edit roster.html file and change the week no

/var/www/cgi-bin/SO

edit weeknumber.py for changing week number

/var/www/html/SO/roster-display.html

edit roster-display.html

add september

```
root@segotl2945# pwd
/var/data/SO/Roster_files/Roster_BKPs
root@segotl2945# cd ..
root@segotl2945# ll |grep -i week33
-rw-r-----. 1 apache apache    893 Aug  8 15:05 Week33.csv
root@segotl2945# cp Week33.csv /home/a251761/
root@segotl2945# cd Roster_BKPs/
root@segotl2945# mv Week33_2018-08-08 ../Week33.csv
```

mv: cannot stat `Week33_2018-08-08': No such file or directory

**To copy and overwrite the files we need to include the / between the file names like below

root@segotl2945# mv Week48_2018-11-26\ 07\:01\:13.481665.csv ../Week48.csv

mv: overwrite `../Week48.csv'? yes

User access review

Monday, April 18, 2022 11:41 AM

```
DELETE FROM `faros_report` WHERE `netgroup` = 'netgroup';

DELETE FROM `sudoers_reconcilation` WHERE `Netgroup` = 'Netgroup';
```

LEO

Tuesday, May 24, 2022 11:35 AM

Linux Patch Process. Could not find a clear link between CMDB and server list used for patching process in the runbook for Linux patching. Please clarify this to ensure up-to-date server list for patching. Finding level not decided. Probably Minor.

Audit

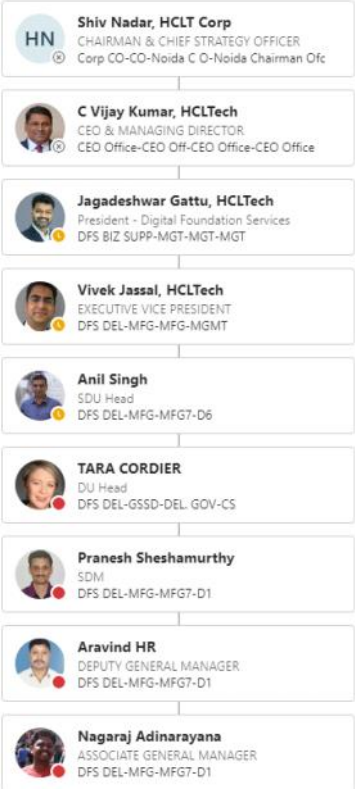
Sunday, February 27, 2022 3:42 PM

P1 complete procedure ?
why do we need MIM team ?
name any policy in HCL?
who is SDM for ISO ? Rajiv Chandel
KB article why do we need ?
why do we need SOPs?
why do we need Runbooks ?
what is the safest area during Fire drill ?
what will you do when you are last one to leave the room during fire accident?
Human Error Avoidance. what is Human error ?
Anti virus status.
different SLAa and KMs status

When we are closing a P1 under **JAVA AHS UNIX SO** we need to submit MIR report ASAP framing the actions and Time Stamp. Generating this Report will not take 15 mins,

I want you all to ensure follow the Guideline mentioned below.

- Be part of the P1 Incident
- Involve Leads and SME's for support
- Post Addressing the P1 Incident actions and closure of the incident.
- Secure the MIR Report by framing the performed actions with Time Stamp
- Send the MIR report Immediately (With in Duration of 6hrs) to PPDL MIM PPDLMIM@hcl.com team after closure of the Incident.



Patch

Friday, April 8, 2022 12:43 PM

- January and July we will not patch - because

```
# cat /tmp/au |awk '{print $1, $4, $5, $6}'
```

VFS India IT Audit

Monday, March 7, 2022 6:02 PM

1st April 2021 to 28th Feb 2022

S.No	Evidence Requirement
2.8	Hardening and Baseline for Servers, Database, Workstations and Application
2.9	Asset Management / Classification
5	Review report of Firewall rules and configuration
6	Review report of Firewall Logs
9	Network diagram
10	Please provide Backup configuration (for application and for DB)
11	List of all patches installed on the following during the period 01 April 2021 to 28 February 22 1. Servers and Databases 2. Workstations
13	List of all approved administrators for Servers, Database and Applications
17	Backup Restoration Activity Report
18	VAPT Report performed in the last 1 year
20	Database Activity logs for sample days Refer Annexure 2 for list of sample days

S.No Evidence Requirement
2.8 Hardening and Baseline for Servers, Database, Workstations and Application
2.9 Asset Management / Classification
5 Review report of Firewall rules and configuration
6 Review report of Firewall Logs
9 Network diagram
10 Please provide Backup configuration (for application and for DB)
11 List of all patches installed on the following during the period 01 April 2021 to 28 February 22
1. Servers and Databases
2. Workstations
13 List of all approved administrators for Servers, Database and Applications
17 Backup Restoration Activity Report
18 VAPT Report performed in the last 1 year
20 Database Activity logs for sample days
Refer Annexure 2 for list of sample days

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Audit 2023

Monday, April 17, 2023 1:07 PM

Internal Dry Audit FCS 2023 Plan

Phase One •Week 17-18

Phase Two •Week 32-33

Service Area	Audit Sample	Phase One	Phase Two
Opening discussion	Full FCS state	Week 17 (9:30-10:00 CET)	Week 32 (9:30-10:00 CET)
Windows	Full FCS state	Week 17 (10:00-12:00 CET)	Week 32 (10:00-12:00 CET)
SQL	Full FCS state	Week 17 (12:30-14:30 CET)	Week 32 (12:30-14:30 CET)
SAP HANA	Full FCS state	Week 17 (10:00-12:00 CET)	Week 32 (10:00-12:00 CET)
Zlinux	Full FCS state	Week 17 (12:30-14:30 CET)	Week 32 (12:30-14:30 CET)
Unix	Full FCS state	Week 18 (10:00-12:00 CET)	Week 33 (10:00-12:00 CET)
Oracle	Full FCS state	Week 18 (12:30-14:30 CET)	Week 33 (12:30-14:30 CET)
Mainframe	Full FCS state	Week 18 (10:00-12:00 CET)	Week 33 (10:00-12:00 CET)
IBMi	Full FCS state	Week 18 (12:30-14:30 CET)	Week 33 (12:30-14:30 CET)

Objective:

To ensure that are VICS IT control are working effectively and identify any potential risk in upcoming annual audit in September 2023

Scope:

1. Phase One: All FCS Infra with control AM01,AM02,AM04,CM01,CM02,SM02,SM06
2. Phase Two: All FCS infra with control AM01,AM02, AM04,CM01,CM02

Method:

1. Document verification
2. Control test on all infra

Evidence Place: VICS IT Internal audit 2023

Control	Description	Evidence
AM01	Separation of activities in access administration	Access management process Faros or other AMT workflow screen-prints Faros or AMT Service export
AM02	Access rights approval	Faros or AMT service export User export from the system with role, creation date and Status
AM04	Access rights removal	Access review and user reconciliation report
CM01	Separation of activities in change management	Change management Process. Approval list from ServiceNow Group Implementer list from ServiceNow Group
CM02	Change approval	System generated change logs Report from Service Now
SM02	Backup & restore Routines	Back-up logs from system Service and process document to check RTO RPO
SM06	Security configuration	Updated baseline/SOE document Approved review report

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HCLTech

19/06/2023:
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Audit scope & timeline

Applications, infrastructure components & supporting tools

Category	IT Element Name
SUPPORTING TOOLS	SERVICE NOW (HCL GBP)
SUPPORTING TOOLS	SERVICE NOW VANILLA
SUPPORTING TOOLS	FAROS
SUPPORTING TOOLS	ENDEVOR
SUPPORTING TOOLS	ACTIVE DIRECTORY
SUPPORTING TOOLS	SOLMAN
SUPPORTING TOOLS	SAP GRC

Category	IT Element Name
INFRASTRUCTURE	WINDOWS
INFRASTRUCTURE	UNIX
INFRASTRUCTURE	HANA
INFRASTRUCTURE	MAINFRAME (ZOS)
INFRASTRUCTURE	MAINFRAME (ZLIN)
INFRASTRUCTURE	IBMi
INFRASTRUCTURE	ORACLE
INFRASTRUCTURE	SQL

APMID	Application Name	APMID	Application Name	APMID	Application Name
41449	AX 2012 (ERP)	427	CPTA-VEN (OUGES)	800	VG SAP HR solution
458	PROSA	515	PARTNER DISTRIBUTION	1313	Leva 1
1699	R&AAPP	1141	RVS PORTFOLIO+QUOTATION	27829	Wallstreet Suite 7
269	VIPS standard	113319	UTAH RT	29748	CHECKING
532	MOVEX (VLC)	1782	FRESTA	39213	BATM
558	CAM SML	18694	BusMaster	75262	VGCS
606	RHELP-Global Distr	72	GPPS	76848	VGIMT
805	TM1	1613	VCEMOM	80259	VGLA
972	SICA	1818	One Digital Core	1786	JDE E1
1026	RHELP-Finance	19152	CoreView	884	PROGAR
1086	SIPRE	19188	VFS Americas InfoLease	62407	UTAH NG
1720	ISSA	19222	VFS CONNECT	150	CTINVOIC
1833	SWIS	19256	Vienna	960	TIA
16140	OCTO-CPLV	60215	Charisma EMEA	1210	UCHP
17819	GILM	63444	NAV VFS EMEA	1286	SAINT
20178	PARTS LINQ ERP	861	PARMA	1894	GDS (MARKET - FRANCE)
26149	LES VC	75065	XPA ABV	1910	PRINVO
1000	GPS	76844	FDHS	18740	Dealerpoint
1363	EBD	77352	RRS	42358	TSA one
2010	C406 TruckTranscript	146	SAP_VGMF	85067	RVP
348	GCSV	96242	FENA	95576	RVQ

2023 FCA VICS IT – Closing meeting

Interim Test Results

VICS IT Control		Conclusion		
Ref #	Short Name	Results	Rating	Comments
AM01	Separation of activities in access management	FAIL	Further improvements required	During the audit it was noted that four approvers were not included in the review performed. It was also noted a lack of traceability as each step of the review was not fully documented. It was difficult to trace who and when each step of the process has been performed.
AM02	Access rights approval	PASS	No further improvements required	
AM04	Access rights review and removal	FAIL	Further improvements required	During the review it was noted a lack of traceability as each step of the review was not fully documented. It was difficult to trace who and when each step of the process has been performed. Moreover, it was also noted that the verification between users marked for removal and users that have been disabled have not been performed.
CM01	Separation of activities in change management	PASS	Effective	
CM02	Change approval	PASS	Effective	
SM02	Backup & restore routines	PASS	Effective	
SM06	Security Configuration	FAIL	Further improvements required	No formal review performed during 2023.

VG SAP HR - 2022 Audit

Thursday, June 9, 2022 11:47 AM

Deloitte will perform the audit on Q3, starting the 30th of August. The closing meeting is planned the 23rd of September.
The test period of the audit is January 1st, 2022 until August the 1st.
Evidence has to be provided at the latest in August, the 16th.

The scope of the IT Audit 2022 is:

Control ID	Control Objective
AM01	**Separation of activities in access administration**
AM02	**Access rights approval**
AM04	**Access rights removal**
CM01	**Separation of activities in change management**
CM02	**Change approval**
SM05	**Batch job monitoring**
SM06	**Security configuration**

Deloitte is also requesting to process the ACTT script through our change management cycle. The deadline to provide the result is August, the 8th.

Be aware that from 30th of August until 23rd of September, I could contact you.
I really thank you to prioritize my requests during this period.

Best regards,
Adeline

Ciscat report

Monday, March 7, 2022 6:06 PM

On segotl0997, in directory /app/secaud/Repository/, you'll find reports sent by servers in txt or html

Description	Pass	Fail	Error	Unkonwn	All	Action
1.1.17 Set Sticky Bit on All World-Writable Directories	833	2923	0	0	3756	Offline
7.4 Set Default umask for Users	1431	2326	0	0	3757	Offline
5.1.5 Configure rsyslog to Send Logs to a Remote Log Host	0	1992	0	0	1992	Online
5.1.4 (VIT) Create and Set Permissions on rsyslog Log Files	2	1762	0	0	1764	Online
1.6.1 Restrict Core Dumps	78	1686	0	0	1764	Online
5.1.4 Create and Set Permissions on rsyslog Log Files	645	1348	0	0	1993	Online
9.1.11 Find Un-owned Files and Directories	609	1153	0	0	1762	Offline
3.11 Remove HTTP Server	2687	1069	0	0	3756	Offline
9.2.7 Check Permissions on User Home Directories	2727	1030	0	0	3757	Offline
9.1.12 Find Un-grouped Files and Directories	987	775	0	0	1762	Offline
9.2.8 (VIT) Check User Dot File Permissions	1120	641	0	0	1761	Offline
1.1.16 Add noexec Option to /dev/shm Partition	3143	614	0	0	3757	Online
6.1.9 Set User/Group Owner and Permission on /etc/cron.d	3150	607	0	0	3757	Online
6.1.10 Restrict at Daemon	3185	572	0	0	3757	Online
6.1.11 (VIT) Restrict at/cron to Authorized Users	1195	569	0	0	1764	Online
1.1.14 Add nodev Option to /dev/shm Partition	3190	567	0	0	3757	Online
1.1.15 Add nosuid Option to /dev/shm Partition	3190	567	0	0	3757	Online
1.4.2 Set the SELinux State	3348	407	0	0	3755	Offline
1.1.3 Set nosuid option for /tmp Partition	3379	378	0	0	3757	Online
1.1.2 Set nodev option for /tmp Partition	3382	375	0	0	3757	Online
1.1.10 Add nodev Option to /home	3395	362	0	0	3757	Online
1.1.6 Bind Mount the /var/tmp directory to /tmp	3401	356	0	0	3757	Online
8.2 Remove OS Information from Login Warning Banners	3420	337	0	0	3757	Offline
4.2.2 Disable ICMP Redirect Acceptance	3421	336	0	0	3757	Online
4.4.1.1 Disable IPv6 Router Advertisements	1430	334	0	0	1764	Online
4.4.1.2 Disable IPv6 Redirect Acceptance	1430	334	0	0	1764	Online
4.1.2 Disable Send Packet Redirects	3424	333	0	0	3757	Online
1.5.4 Require Authentication for Single-User Mode	1436	328	0	0	1764	Offline
1.4.3 Set the SELinux Policy	3430	325	0	0	3755	Offline
3.1 Set Daemon umask	3432	325	0	0	3757	Offline
1.5.5 Disable Interactive Boot	1446	318	0	0	1764	Online
4.1.1 Disable IP Forwarding	3445	312	0	0	3757	Online
9.2.13 Check User Home Directory Ownership	3485	272	0	0	3757	Offline

9.1.14 Find SGID System Executables	1525	237	0	0	1762	Offline
9.2.11 Check Groups in /etc/passwd	3522	235	0	0	3757	Offline
9.2.8 Check User Dot File Permissions	1816	177	0	0	1993	Offline
6.2.8 Disable SSH Root Login	3588	169	0	0	3757	Online
9.2.12 Check That Users Are Assigned Valid Home Directories	3603	154	0	0	3757	Offline
6.2.14 (VIT) Set SSH Banner	3606	151	0	0	3757	Offline
1.6.2 Enable Randomized Virtual Memory Region Placement	1863	130	0	0	1993	Offline
6.3.1 Upgrade Password Hashing Algorithm to SHA-512	1876	117	0	0	1993	Offline
6.2.11 Use Only Approved Cipher in Counter Mode	3645	112	0	0	3757	Offline
9.2.10 Check for Presence of User .rhosts Files	3665	92	0	0	3757	Offline
3.10 Remove FTP Server	3671	86	0	0	3757	Offline
3.6 Configure Network Time Protocol (NTP)	1680	84	0	0	1764	Offline
6.2.10 Do Not Allow Users to Set Environment Options	3675	82	0	0	3757	Offline
6.2.9 Set SSH PermitEmptyPasswords to No	3678	79	0	0	3757	Online
6.2.7 Set SSH HostbasedAuthentication to No	3679	78	0	0	3757	Online
1.6.2 Configure ExecShield	1687	77	0	0	1764	Offline
6.2.6 Set SSH IgnoreRhosts to Yes	3680	77	0	0	3757	Online
6.2.2 Set LogLevel to INFO	3681	76	0	0	3757	Offline
6.2.5 Set SSH MaxAuthTries to 4 or Less	3682	75	0	0	3757	Online
3.13 Remove Samba	3691	66	0	0	3757	Offline
6.1.4 Set User/Group Owner and Permission on /etc/crontab	3693	64	0	0	3757	Online
6.1.5 Set User/Group Owner and Permission on /etc/cron.hourly	3693	64	0	0	3757	Online
6.1.6 Set User/Group Owner and Permission on /etc/cron.daily	3693	64	0	0	3757	Online
6.1.7 Set User/Group Owner and Permission on /etc/cron.weekly	3693	64	0	0	3757	Online
6.1.8 Set User/Group Owner and Permission on /etc/cron.monthly	3693	64	0	0	3757	Online
3.4 Disable Print Server - CUPS	3708	49	0	0	3757	Offline
9.2.18 Check for Duplicate Group Names	3709	48	0	0	3757	Offline
9.2.1 Ensure Password Fields are Not Empty	3711	46	0	0	3757	Offline
6.2.3 Set Permissions on /etc/ssh/sshd_config	3712	45	0	0	3757	Offline
3.2 Remove the X Window System	1950	43	0	0	1993	Offline
9.2.15 Check for Duplicate GIDs	3725	32	0	0	3757	Offline
1.1.9 Create Separate Partition for /home	3728	29	0	0	3757	Offline
3.16 Configure Mail Transfer Agent for Local-Only Mode	3729	28	0	0	3757	Offline
2.1.12 Disable chargen-dgram	3730	27	0	0	3757	Offline
2.1.13 Disable chargen-stream	3730	27	0	0	3757	Offline
2.1.14 Disable daytime-dgram	3730	27	0	0	3757	Offline
2.1.15 Disable daytime-stream	3730	27	0	0	3757	Offline
2.1.16 Disable echo-dgram	3730	27	0	0	3757	Offline
2.1.17 Disable echo-stream	3730	27	0	0	3757	Offline
2.1.18 Disable tcpmux-server	3730	27	0	0	3757	Offline

9.2.17 Check for Duplicate User Names	3731	26	0	0	3757	Offline

VICS IT

Friday, September 9, 2022 4:31 PM

VICS IT Evaluation – Closing meeting

Categorization of conclusion

PASS Control activity designed to meet the control objective and working effectively	No additional actions required
PASS with Observation Minor deviation from meeting the control objective or deviation in control performance	Depending on the nature of the deficiency, a remediation activity might be required
FAIL Control activity not designed to meet the control objective or not performed as designed. This can result in serious impact on C/I/A	Corrective Action Plan and remediation activities are mandatory
NOT TESTED Lack of population or activity not yet performed	Control to be tested during year end

Management action plan

Thursday, October 6, 2022 1:41 PM

General Information

Wednesday, July 6, 2022 12:25 PM

VCN Volvo Corporate Network
VICS VOLVO Internal Control Standards
FCS Financial Critical System
PDS Personal Data services
CIS (Center For Internet Security)
NIST (NIST Computer Security Resource Center)
CVSS (Common Vulnerability Scoring System)

Powershell script

Wednesday, March 20, 2024 4:16 PM

SEGOTN15824.vcn.ds.volvo.net

```
Get-Content "C:\Users\a352441y\Desktop\Report\users.txt" | ForEach-Object {
Get-ADUser -Filter {SamAccountName -eq $_} -Properties
DistinguishedName,SamAccountName,CN,DisplayName,EmailAddress,CanonicalName,Enabled,userPrincipalName,Manager,LastLogonDate,title,accountExpires |
Select-Object
DistinguishedName,SamAccountName,CN,DisplayName,EmailAddress,CanonicalName,Enabled,userPrincipalName,Manager,LastLogonDate,title,accountExpires}
| Export-Csv C:\Users\a352441y\Desktop\Report\Account-Details.csv
```

```
Get-Content "C:\Users\a334645\Desktop\user.txt" | ForEach-Object {
Get-ADUser -Filter {SamAccountName -eq $_} -Properties SamAccountName,CN,DisplayName,EmailAddress,Enabled,Manager,LastLogonDate | Select-Object
SamAccountName,CN,DisplayName,EmailAddress,Enabled,Manager,LastLogonDate} | Export-Csv C:\Users\a334645\Desktop\Account-Details.csv
```

Open csv file and copy, paste in desktop notepad -> save as .csv format -> then open it and copy it to New XL

==========

```
[re7w07c@segotl0836 ~]$ /usr/bin/ldapsearch -H ldap://got.ad.volvo.net -D CN='cs-ws-s-unixbind,OU=Service
Accounts,OU=WINSRV,OU=CS,DC=vcn,DC=ds,DC=volvo,DC=net' -w *** -x -b dc='vcn,dc=ds,dc=volvo,dc=net'  "(SamAccountName=re7w07cm)" cn mail
displayName|egrep '^cn|^mail|displayName'
# requesting: cn mail displayName
cn: re7w07cm
displayName: Ruel Stephane
[re7w07c@segotl0836 ~]$ /usr/bin/ldapsearch -H ldap://got.ad.volvo.net -D CN='cs-ws-s-unixbind,OU=Service
Accounts,OU=WINSRV,OU=CS,DC=vcn,DC=ds,DC=volvo,DC=net' -w *** -x -b dc='vcn,dc=ds,dc=volvo,dc=net'  "(SamAccountName=re7w07c)" cn mail
displayName|egrep '^cn|^mail|displayName'
# requesting: cn mail displayName
cn: re7w07c
displayName: Ruel Stephane
mail: stephane-ruel@hcl.com
```

Audit 2024

Thursday, May 23, 2024 4:14 PM

INC0015817164 -

RITM101382745 - VGCS - SElinux exception

any INC related to User Access Review, we will raise in Volvo Domain

VFS IT Audit FY24

Scope & Heat Map Unix

System
- Unix Operational System
  - Server USGSOL0399

Scope
- Access Management
- Change Management
- System Management

Heat-map

Following table shows areas tested in the IT Audit and our assessment of the impact of the risks identified:

Level of concern
Pass
Pass with areas for improvements
Require improvements
Not tested / Not applicable

	Unix OS
	FY 24
Access Management	
Separation of activities in access administration (AM01)	Pass
Change Management	
Separation of activities in change management (CM01)	Pass
Change approval (CM02)	Pass
System Management	
Backup and restore routines (SM02)	Pass
Security configuration (SM06)	Pass with areas for improvements

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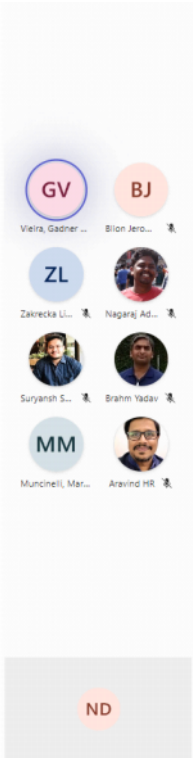
Volvo Financial Services



{b}	We consider the parameter configuration as deviation, which can be improved; however, does not represent a considerable risk for the operation, due the main parameters are in accordance with the policies.

Evidences

Table 1: UNIX Password parametrization

System	Authentication	Atribute Status A	Results
Unix - usgsol0399	Active Directory authentication	✓	Effective

Table 2: Unix Security Configuration Review

Date Performed	Formal Security Baseline policy	Atribute Status B	Results
03/13/2024	Yes, has a formal security baseline report	✓	Effective

Table 3: CyberArk parametrization for automatic generated passwords

#	Password Parameter	Documented Policy Requirement Volvo Group	CyberArk parameters	Attribute A	Results
1	Enforce password history	8 passwords	N/A - Automatic generated	{a}	Effective
2	Maximum password age	60, 90 or 120 days	1440 minutes	✓	Effective
3	Minimum password length	30 characters	20 characters	{b}	Deviation
4	Password complexity	Enabled	Enabled	✓	Effective
5	Account lockout threshold	10	N/A - Automatic generated	{a}	Effective
6	Account lockout duration	0 (need administrator to unlock the account)	N/A - Automatic generated	{a}	Effective

VICS IT audit 2024 preparation

Thursday, July 18, 2024 3:32 PM

R_1 -> document update and approval
R_3 --> sudoers file
R_4 -> SOD Faros
R_5 -> SOD

AM02
R_6 --> Export from Faros
R_7 --> sudoers file,
Local users to be reviewed -->

AM04
Access Review

==========

R_11 - email
verify the user access email

CM01

tcrp email approval
R_22 -->

sm03

R_3 - only secadm screen print from sudors file(Check with Nagaraj, one new user is added to secadm)
R_5 -> add additional tab to have process

R_6 --> weekly dump report -- in 4089 download and keep

R_7_1 -Faros dump
R_7_2 - sudoers file

R_11 - update the version information -- task to be downloaded [get approval from Aravind]

R_13 - change management process
R_14 - na
R_15, sudoers, java ahs unix so
R_16 ch maanga entterprisse

R_17 - changed implemented during period - sep to latest

R_25 - Approved Base line, XL file --> get information from Benoit, Reviewed benchmark for each version
R_26 --????

send compliance control mon process to Brahm

filter the failed one, take failed one, get Aravind approval

Remedy -snow

Discuss with Nagaraj:
INC0015665595 - INC is cancelled

vcdchange@volvo.com
All mail sent to support.root@volvo.com end up in ths inbox.

SM06 - Pending Benoit sent email, Brahm has to confirm,

getent netgroup UNIX_SECADMIN_MEDIUM_USERS | tr ' ' '\n' |cut -d ',' -f2 |grep -v "("

yum history info 112 |egrep -i "Begin time|User|Command"
for i in `cat /tmp/y`; do yum history info $i |egrep -i "Begin time|User|Command"; done |grep -v Upgrade |grep -v warning

Sudoers in text format

Change no task no owner

Yum history -txt file
Screenshot from show

Final Validation:
==========
AM01: All good - Check with Brahm, do we need to take screenshot Monday or whatever it's there is fine or not (secadm)

AM02: Monday report - I will upload (weekly report and Faros report) (sudoers file also will capture Monday)

AM04: will upload, 2nd September report, unix access review

CM01: Updated sudoers file

CM02: Yum history is already uploaded (decommissioned server we don't have in text file)

SM02: All good

SM06: Benoit is Preparing the Baseline for RHEL9

Replacement server for segotl3994 -->

Backup one - we need to check

Swap& Memory

Wednesday, March 16, 2022 6:56 PM

egrep "SwapTotal|MemTotal" /proc/meminfo |awk '$3=="kB"{$2=$2/1024^2;$3="GB";} 1' -> total memory and swap

free -m | grep -i swap: | awk '{printf "Swap_used:%.2f%\n",($3/$2)*100}' --> swap usage

date -s "20 May 2022 08:40:00"

for i in `cat /home/a285209/test`; do sshpass -p ****** ssh -n -o StrictHostKeyChecking=no -o ConnectTimeout=10 -o ConnectionAttempts=1 *****@$i "uname -a;rpm -qa --last kernel"; done

getent netgroup UNIX_HMTEST_BASIC_NODES | tr ')' '\n'

watch -n 1 "netstat -tulanp |grep 1500"
/proc/sys/net/ipv4/ip_local_reserved_ports

clusvcadm -e gorapresjrps01
root@segotl4127# yum check-update --advisory RHSA-2019:1223

ps -eo pid,ppid,cmd,%mem,%cpu --sort=-%mem | head
top -b -o +%MEM | head -n 15

Clear cache - cron job:

```
root@udgotl2172# cat /root/clearcache.sh
#!/bin/bash
sync; echo 1 > /proc/sys/vm/drop_caches
root@udgotl2172#
```

0 20 * * * /root/clearcache.sh

commands

Friday, July 15, 2022 6:25 PM

System install date:

```
root@segotl5619# rpm -qi basesystem |grep -i "Install Date" ; ls -l /root/anaconda-ks.cfg
Install Date: Thu 27 Apr 2023 01:47:51 PM CEST
-rw-------. 1 root root 11672 Apr 27 13:52 /root/anaconda-ks.cfg
root@segotl5619#
```

```
openssl ciphers -v | awk '{print $2}' | sort | uniq
```

Agent services details:-
Start the Snap Creator Agent
install_path/scAgent4.1.0/bin/scAgent start
Verify that the Snap Creator Agent is running
install_path/scAgent4.1.0/bin/scAgent status
Stop the Snap Creator Agent
install_path/scAgent4.1.0/bin/Agent stop

```
sss_cache -E
systemctl restart sssd
```

```
dcicfg command=clearmemfailures
```

```
root@segotl3134# cat /home/a312324/team.sh
#!/bin/bash
nmcli connection del team0-port1-em1
nmcli connection del team0-port2-em3
nmcli connection add type ethernet con-name team0-port1-p3p1 ifname p3p1 master team0
nmcli connection add type ethernet con-name team0-port2-p3p2 ifname p3p2 master team0
nmcli connection show
nmcli connection reload
systemctl restart network.service
teamdctl team0 state
ethtool p3p1; ethtool p3p2
root@segotl3134#
```

net cache flush --> samba connecting issues.

```
service winbind stop
service smb stop
net cache flush
rm -f /var/lib/samba/*.tdb
rm -f /var/lib/samba/group_mapping.ldb
net ads join -U Administrator
service smb start
service winbind start
```

```
systemctl daemon-reload
```

usgsol0197 - Dependecy issue.

```
package-cleanup --dupes
package-cleanup --cleandupes
package-cleanup --cleandupes --removenewestdupes
```

```
package-cleanup --dupes
rpm -qa |grep libreport-python
yum list libreport-python
yum remove libreport-python-2.1.11-53.el7.x86_64

# Howto manualy run ciscat
/opt/vit/ciscat/bin/mk_ciscat_report -n

rpm --last -q kernel

ldapsearch -xLLL -H ldap://segotl2888.srv.volvo.com -b dc=vcn,dc=ds,dc=volvo,dc=net uid=a330505 --> get UID information

ldapsearch -d1 -xLLL -H ldaps://ldapgot.srv.volvo.com:49815 -b dc=vcn,dc=ds,dc=volvo,dc=net uid=a330505

mount -t cifs -o username=IT-CTA-S-MasterSAF,password=CbnPq3yD,domain=VCN,uid=59012,gid=59065,file_mode=0777,dir_mode=0777
//brctax1000.vcn.ds.volvo.net/VTCPROJ10$/PRODUCTION /tmp/PRODUCTION_2

mount -t cifs -o username=cs-ws-s-EDIAG-STR,domain=VCN,uid=59156,gid=59156,file_mode=0777,dir_mode=0777
//segotx1061.rds.volvo.com/segotl2249_dsfs_1001_q1001c$ /soeappli/data/K61EDIAG-prod


 mount -t cifs -o username=cs-ws-s-EDIAG-STR,domain=VCN //segotx1061.rds.volvo.com/segotl2249_dsfs_1001_q1001c$ /soeappli/data/K61EDIAG-
prod


mount -o context="system_u:object_r:bin_t:s0" 172.20.58.70:/segot_segotl6272_dsfs_1000/segotl6272_dsfs_1000_q1001n /opt/IBM/ITM


tcpdump -nn -s 120 -i ens192 -w /tmp/ens192-$(hostname).pcap


systemctl stop winbind ; systemctl stop smb ; net cache flush ; rm -f /var/lib/samba/*.tdb ; systemctl start smb; systemctl start winbind

tar czvf /tmp/samba-debug_$(hostname | cut -d"." -f1)_$(date +%F).tar.gz  /var/log/secure /var/log/messages /var/log/samba /etc/nsswitch.conf
/etc/krb5.conf /etc/samba/smb.conf /etc/pam.d
/opt/tsmcfg/bin/configure_node -r "dkrduxprod24_arch 172.18.0.72"


///etc/fstab:
==============
//10.180.30.131/udgotl2210_dsfs_1000_q1000m$ /compass/RPAshare cifs credentials=/etc/windows-credential,uid=697234679,gid=
697234679,forceuid,forcegid,dir_mode=0774,file_mode=0774 0 0

//segotx1066/segotl2249_dsfs_1002_q1001c$      /soeappli/data/cdpress          cifs credentials=/etc/windows-credentials2,uid=59156,gid=
59156,forceuid,forcegid,dir_mode=0777,file_mode=0777 0 0

//segotx1066/segotl2249_dsfs_1002_q1002c$      /soeappli/data/K58WEBMR-prod       cifs credentials=/etc/windows-credentials2,uid=59156,gid=
59156,forceuid,forcegid,dir_mode=0777,file_mode=0777 0 0



root@segotl2249# cat /etc/windows-credential
username=cs-ws-s-compass-pd@udcn.udtrucks.net
password=fd8KL9&7M%7&8fH
domain=vcn.ds.volvo.net
root@segotl2249#

echo '8L-9bJ9fKJ&d9&H' | sudo -S su - root -c 'whoami'



semanage fcontext -a -t net_conf_t -s system_u ifcfg-eth0:1
semanage fcontext -a -t net_conf_t -s system_u ifcfg-eth0:2
```

restorecon -vF ifcfg-eth0:1
restorecon -vF ifcfg-eth0:2

journalctl -t setroubleshoot --since today
sealert -a /var/log/audit/audit.log
chcon -t bin_t /dvp_ba/prometheus/apache_exporter/apache_exporter
setsebool -P nis_enabled 1

chcon -t samba_share_t /ccase1

#grep sealert /var/log/messages
#tail /var/log/audit/audit.log
#sealert -l 95f41f98-6b56-45bc-95da-ce67ec9a9ab7
#ausearch -m AVC -ts recent
#ausearch -m AVC -ts today

aureport --summary -i -if audit.log
aureport --summary -i -if audit.log -k

semanage fcontext -a -t public_content_t "/var/ftp/pub/stuff(/.*)?"
restorecon -F -R -v /var/ftp/pub/stuff

ausearch -c 'check_disk' --raw | audit2allow -M my-checkdisk
semodule -i my-checkdisk.pp#012

semanage fcontext -a -t auditd_log_t /var/log/audit'(/.*)'
[root@udagol2010 ~]# restorecon -Rv /var/log/audit
Relabeled /var/log/audit from unconfined_u:object_r:var_log_t:s0 to unconfined_u:object_r:auditd_log_t:s0
[root@udagol2010 ~]# systemctl start auditd
[root@udagol2010 ~]# systemctl status auditd
● auditd.service - Security Auditing Service
  Loaded: loaded (/usr/lib/systemd/system/auditd.service; enabled; vendor preset: enabled)
  Active: active (running) since Wed 2022-09-07 23:41:13 JST; 8s ago
    Docs: man:auditd(8)

semanage fcontext -a -t httpd_sys_content_t '/var/www/html(/.*)
restorecon -Rv /var/www/html

subscription-manager release --set=7.8
yum clean all
subscription-manager release --show

tcpdump -i any dst 172.19.122.25 and port 2049 -w /tmp/tcpdump/${HOSTNAME}_`/bin/date '+%Y%m%d'`.pcap

tcpdump -vv -i eth0 -nn host 131.97.143.80 and port 636 -w /tmp/${HOSTNAME}_131.97.143.80_636_`/bin/date '+%Y%m%d'`.pcap

tcpdump -i any -nn host 10.196.82.47 and port 1521 -w ${HOSTNAME}_`/bin/date '+%Y%m%d'`.pcap

tcpdump -vv -i eth1 -w /tmp/tcpdump/${HOSTNAME}_`/bin/date '+%Y%m%d'`.pcap

tcpdump -vv -i eth4 -w /tmp/tcpdump/${HOSTNAME}_`/bin/date '+%Y%m%d'`.pcap

cat /etc/passwd| grep ^edw| cut -d':' -f1| while read u; do userdel $u; done

tcpdump-i eth0 host10.10.1.1
tcpdump-I eth0 dst 10.10.1.20

```
tcpdump-v-nhost10.64.229.12orhost10.64.229.11-w/tmp/srv33779.pcap

tcpdump-s0-ieth0-vvv-C500M-W8-nhost10.64.229.11orhost10.64.229.12-w/SAPmedia/tcpdump/${HOSTNAME}_/bin/date'+%Y%m%d'`.pcap

tcpdump-s0-vvv-C500M-W8-nhost10.64.229.11orhost10.64.229.12-w/SAPmedia/tcpdump/${HOSTNAME}_`/bin/date'+%Y%m%d'`.pcap



  245  2022-06-28 13:15:19 yum install --downloadonly --exclude=TIVsm-API,TIVsm-API64,TIVsm-BA,nginx*,ksh,jbcs-httpd24-mod_cluster*
  246  2022-06-28 13:28:03 yum update --downloadonly --exclude=TIVsm-API,TIVsm-API64,TIVsm-BA,nginx*,ksh,jbcs-httpd24-mod_cluster*
  266  2022-07-07 14:32:08 yum -y update --disablerepo=* /home/a381057/*.rpm > /dev/null 2>&1
  374  2022-07-21 10:04:05 yum -y update rsyslog python xz


for i in `cat /tmp/udp`; do sshpass -p Vichu@1994 ssh -qn -o StrictHostKeyChecking=no -l a330505 $i uname -a ; done
 for i in `cat /tmp/udp`; do sshpass -p Vichu@1994 ssh -q -l a330505 $i uname -a ; done

  12  2022-02-08 11:57:54 for i in `cat /tmp/hosts`; do sshpass -p Jan@2022 ssh -n -o StrictHostKeyChecking=no -l a330505x@udcn.udtrucks.net $i
uname -a |awk '{print $2}'; uptime; done
  14  2022-02-08 12:00:47 for i in `cat /tmp/hosts`; do sshpass -p Jan@2022 ssh -n -o StrictHostKeyChecking=no -l a330505x@udcn.udtrucks.net $i
uname -a |awk '{print $2}'; uptime; done
  16  2022-02-08 12:02:58 for i in `cat /tmp/hosts`; do sshpass -p Jan@2022 ssh -n -o StrictHostKeyChecking=no -l a330505x@udcn.udtrucks.net $i
uname -a |awk '{print $2}'; uptime; done
  18  2022-02-08 12:06:55 for i in `cat /tmp/hosts`; do sshpass -p Jan@2022 ssh -n -o StrictHostKeyChecking=no -l a330505x@udcn.udtrucks.net $i
uname -a |awk '{print $2}'; uptime; done
  20  2022-02-08 12:09:49 for i in `cat /tmp/hosts`; do sshpass -p Jan@2022 ssh -n -o StrictHostKeyChecking=no -l a330505x@udcn.udtrucks.net $i
uname -a |awk '{print $2}'; uptime; done
  22  2022-02-08 12:12:43 for i in `cat /tmp/hosts`; do sshpass -p Jan@2022 ssh -n -o StrictHostKeyChecking=no -l a330505x@udcn.udtrucks.net $i
uname -a |awk '{print $2}'; uptime; done
  24  2022-02-08 12:15:21 for i in `cat /tmp/hosts`; do sshpass -p Jan@2022 ssh -n -o StrictHostKeyChecking=no -l a330505x@udcn.udtrucks.net $i
uname -a |awk '{print $2}'; uptime; done
  26  2022-02-08 12:17:41 for i in `cat /tmp/hosts`; do sshpass -p Jan@2022 ssh -n -o StrictHostKeyChecking=no -l a330505x@udcn.udtrucks.net $i
uname -a |awk '{print $2}'; uptime; done
  154  2022-04-29 14:46:36 for i in `cat /tmp/s`; do sshpass -p Jan@2022 ssh  a330505x@udcn.udtrucks.net@$i /usr/bin/rpm -qa |grep postfix
  155  2022-04-29 14:46:47 for i in `cat /tmp/s`; do sshpass -p Jan@2022 ssh  a330505x@udcn.udtrucks.net@$i /usr/bin/rpm -qa |grep postfix; done
  157  2022-04-29 14:48:52 for i in `cat /tmp/s`; do sshpass -p Jan@2022 ssh  a330505x@udcn.udtrucks.net@$i 'uname -a;/usr/bin/rpm -qa |grep
postfix'; done
  158  2022-04-29 14:51:45 for i in `cat /tmp/s`; do sshpass -p Jan@2022 ssh a330505x@udcn.udtrucks.net@$i 'uname -a;/usr/bin/rpm -qa |grep
postfix'; done
  177  2022-05-02 10:31:47 for i in `cat /tmp/s`; do sshpass -p Jan@2022 ssh a330505x@udcn.udtrucks.net@$i 'uname -a;/usr/bin/rpm -qa |grep
postfix'; done



for i in `cat /tmp/server`; do hammer host list --search $i; done

for i in `ps -ef|grep rpm|grep -v grep|awk '{print $2}'`; do kill -9 $i; done


hammer  bootdisk host --host {{ new_vm_fqdn }} --file /tmp/{{ new_vm_fqdn }}.iso


UD Backup server:
pvcreate --uuid "FPVIVB-eWQ8-67S3-yvyc-xq1E-Frv5-KVz6VW" --restorefile /etc/lvm/backup/volgroup00-udgotl2050-tsmstg01
/dev/mapper/udgotl2050_dbbackup01
vgcfgrestore -f /etc/lvm/backup/volgroup00-udgotl2050-tsmstg01  volgroup00-udgotl2050-tsmstg01


 620  2023-09-17 09:49:24 yum --downloadonly --downloaddir=/tmp reinstall mdatp
  622  2023-09-17 09:50:11 yum --downloadonly --downloaddir=/tmp reinstall libnetfilter_queue
  624  2023-09-17 09:50:35 yum --downloadonly --downloaddir=/tmp reinstall mde-netfilter
```

```
getent netgroup UNIX_UNIX_HIGH_USERS | tr ' ' '\n' |cut -d ',' -f2 |grep -v "("
```

Remember

Tuesday, October 11, 2022 6:10 AM

echo ~a330505

[root@host ~]# chage -d 0 cloudadmin10
The next time the cloudadmin10 user logs in, the user is prompted to change the password.

semanage fcontext -l -C -> command to view any local customizations to the default policy
semanage boolean -l -C --> Boolean
setsebool -P httpd_enable_homedirs on

Use the ausearch command to search for AVC events in the /var/log/audit.log log file. Use the -m option to specify the AVC message type and the -ts option to provide a time hint, such as recent.

ausearch -m AVC -ts recent

systemctl cat systemd-tmpfiles-clean.timer

Redhat links

Thursday, August 11, 2022 6:14 PM

How to repair filesystem in rescue environment for Red Hat Enterprise Linux? - Red Hat Customer Portal

Enabling networking in rescue environment without chrooting - Red Hat Customer Portal

Index of /doc/Documentation/ (kernel.org)

Why does yum fails with error "Cannot download repomd.xml" ? - Red Hat Customer Portal

lvremove Command Fails With Error “LVM – Can’t remove open logical volume” – The Geek Diary

How to capture network packets with tcpdump during boot time - Red Hat Customer Portal

https://access.redhat.com/solutions/344883

https://access.redhat.com/solutions/9541 --> Rhel 6 root file system check

Custom repository is not available on the client system even after attaching the right subscription. - Red Hat Customer Portal

LVM commands generating warning of "Failed to set up async io, using sync io." - Red Hat Customer Portal --> /proc/sys/fs/aio-nr

root@segotl4321# cat **/proc/sys/vm/hugetlb_shm_group**
59064
root@segotl4321#

In regard to system cache usage, Linux systems are designed to utilize all available memory. This is to ensure there are no wasted resources and is accomplished via the cache mechanic. The system allocates pages into the cache and will leave them there in order to speed up read and write I/O operations. If an application requests memory that is currently being held by the cache which is reclaimable, then the kernel will free that memory for the application to use.

The below article can provide additional information on cache usage:

What is cache in "free -m" output and why is memory utilization high for cache?
https://access.redhat.com/solutions/67610

Please note that this is not an isolated incident but actually an expected behavior of the Linux kernel.

Also the shared memory is different than cached memory. Cache memory is a type of memory that is used to store frequently used information. It's much faster than the hard drive or the RAM, so it can help the computer to run faster. Shared memory is a type of memory that can be accessed by more than one program.

How to monitor and configure shared memory usage in Red Hat Enterprise Linux
https://access.redhat.com/solutions/414533

I hope this clarifies your questions.

We should not be having shmall and shmmax values more than a server total RAM.

kernel.shmall

Defines the total number of shared memory pages that can be used system-wide. To use the entire main memory, the value of the `kernel.shmall` parameter should be ≤ total main memory size.

kernel.shmmax

Defines the maximum size in bytes of a single shared memory segment that a Linux process can allocate in its virtual address space.

kernel.shmmni

Defines the maximum number of shared memory segments the database server is able to handle.

requestor confirms a OS level activity was performed last year "might be a upgrade to Linux7" then the issue started.

Verified - RHEL 7 server

```
oot@segotl4101# sysctl -a |grep -i shmmax
kernel.shmmax = 18446744073692774399

root@segotl4101# sysctl -a |grep -i shmall
kernel.shmall = 18446744073692774399
```

Knowledge

Friday, July 15, 2022 6:25 PM

local ports 32000 -- 61000
Well known ports 0 - 1023
Registered ports Range: 1024 to 49151
private/Dynamic ports Range: 49152 to 65535

- Ø jbd2 is a kernel thread that updates the filesystem journal.
- Ø CVE - Common Vulnerabilities and Exposures
- Ø Red hat Security Advisory

Resolution

- • If your system is unresponsive you can either suspend or snapshot your guest while it is hung (or on a panic backtrace screen) and before rebooting it. You can provide Red Hat with only the .vmss or .vmsn file along with the separate .vmem file. We can do the conversion for you

From <https://access.redhat.com/solutions/411653>

The arbiter brick will store only the file/directory names (i.e. the tree structure) and extended attributes (metadata) but not any data. i.e. the file size (as shown by ls -l) will be zero bytes. It will also store other gluster metadata like the .glusterfs folder and its contents.

From <https://docs.gluster.org/en/latest/Administrator%20Guide/arbiter-volumes-and-quorum/>

With that said, we highly recommend to first configure a parallel RHEL 7 pacemaker cluster and perform all testings, keeping RHEL 6 cluster running.
Once all testing and configuration is complete, you can migrate the production data/traffic to new RHEL 7 cluster setup. This will ensure that the cluster migration is a success with all testings performed.

From <https://access.redhat.com/support/cases/#/case/02618917>

Particularly in the case of 6 to 7, RHEL 6 manages quorum via cman, and RHEL 7 manages quorum via corosync. This would result in multiple inquorate memberships. Your RHEL 6 nodes would be trying to form membership with other cman based nodes, while your RHEL 7 nodes would be trying to form membership with other corosync based nodes.

From <https://access.redhat.com/support/cases/#/case/02618917>

Processes in a "D" or uninterruptible sleep state are usually waiting on I/O. You cannot kill "D" state processes, even with SIGKILL or kill -9. As the name implies, they are uninterruptible. You can only clear them by rebooting the server or waiting for the I/O to respond. It is normal to see processes in a "D" state when the server performs I/O intensive operations.
The D state processes cannot be safely interrupted and will remain in this state until the operation either completes successfully or fails with an error.
If operations do not complete due to a hardware or software fault (for example network connectivity problems) it may not be possible to eliminate all processes in 'D' state without rebooting.

From <https://access.redhat.com/support/cases/#/case/02611058>

/usr/libexec/itm/bin/itmcmd agent stop um

3.2.2. Recovery Policy
The recovery policy is the default action RGManager takes when a service fails on a particular node. There are four available options, defined in the following list.

- restart (default) - restart the service on the same node. If no other recovery policy is specified, this recovery policy is used. If restarting fails, RGManager falls back to relocate the service.
- relocate - Try to start the service on other node(s) in the cluster. If no other nodes successfully start the service, the service is then placed in the stopped state.
- disable - Do nothing. Place the service into the disabled state.
- restart-disable - Attempt to restart the service, in place. Place the service into the disabled state if restarting fails.

From <https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/6/html/high_availability_add-on_overview/s1-rgmanager-servicepolicies>

SAMBA - SOFT LINK

Edit smb.conf
[global]
unix extensions = no
[share]
follow symlinks = yes
wide links = yes
Note: If you're using a newer version of samba the following may work for you instead:
[global]
allow insecure wide links = yes
[share]
follow symlinks = yes
wide links = yes

From <https://unix.stackexchange.com/questions/5120/how-do-you-make-samba-follow-symlink-outside-the-shared-path>

https://man7.org/linux/man-pages/man7/dracut.cmdline.7.html

LVM
rd.lvm=0
disable LVM detection

From <https://man7.org/linux/man-pages/man7/dracut.cmdline.7.html>

Generate single dsa host key pair /etc/ssh/ssh_host_dsa_key and /etc/ssh/ssh_host_dsa_key.pub with an empty passphrase specified:

Raw
ssh-keygen -f /etc/ssh/ssh_host_dsa_key -N '' -t dsa

https://access.redhat.com/solutions/29617

Certificate re-new

Friday, August 12, 2022 1:37 PM

2024:

We will get email with sub: **Renew Your certificate for ahs-java-so-dashboard.got.volvo.net it will expire in 5 days**

Login to: https://venafi.srv.volvo.com/aperture/ to renew your certificate.
CN: ahs-java-so-dashboard.got.volvo.net
Certificate Serial Number: 54012040B3EF2B5F2B0955C6A20001012040B3

Step1: Login to https://venafi.srv.volvo.com/aperture/
Step2: search "ahs-java-so-dashboard.got.volvo.net"
Step3: Right top - Click- Actions -Renew certificate
Step3: you need to copy the CSR file for that you need to create from Server end using below cmd
Note: mv /etc/httpd/ssl/ahs-java-so-dashboard.got.volvo.net.key to bkp

```
root@segotl2945# openssl req -new -newkey rsa:2048 -nodes -keyout /etc/httpd/ssl/ahs-java-so-dashboard.got.volvo.net.key -config ahs-java-so-dashboard.cnf -out ahs-java-so-dashboard.csr
Generating a 2048 bit RSA private key
.+++
.....+++
writing new private key to '/etc/httpd/ssl/ahs-java-so-dashboard.got.volvo.net.key'
-----
root@segotl2945# ls -lh /etc/httpd/ssl/ahs-java-so-dashboard.got.volvo.net.key
-rw-r--r--. 1 root root 1.7K Aug 12 11:35 /etc/httpd/ssl/ahs-java-so-dashboard.got.volvo.net.key
root@segotl2945#cat ahs-java-so-dashboard.csr
```

Step4: submit the request

We will get .crt file from certificatecenter@volvo.com.

```
#cd /etc/httpd/ssl/
#vi ahs-java-so-dashboard.got.volvo.net.crt
 - Copy past the content from email certificatecenter@volvo.com
#openssl x509 -text -in ahs-java-so-dashboard.got.volvo.net.crt
#/etc/init.d/httpd reload
```

==========

Step 1: We will Email with subject "Renew Your certificate for ahs-java-so-dashboard.got.volvo.net"
Click here to renew your certificate

```
cd /etc/httpd/ssl/
 find . -ls
cd new/
cat req.txt
cd ..
cp -rp new old3
rm -f ahs-java-so-dashboard.got.volvo.net.crt
openssl req -new -key /etc/httpd/ssl/ahs-java-so-dashboard.got.volvo.net.key -config ahs-java-so-dashboard.cnf -out ahs-java-so-dashboard.csr
cat ahs-java-so-dashboard.csr
```

Copy the content and past it to portal.
https://certificaterequest.srv.volvo.com/volvocertrequest/Renew.aspx?id=72340
And submit request

Step 2: Your Certificate Is Ready for ahs-java-so-dashboard.got.volvo.net
Once its approved, we can copy the new key.

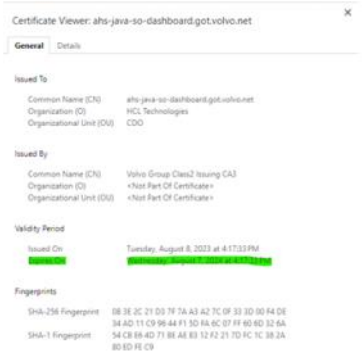
```
#cd /etc/httpd/ssl/new
#vi ahs-java-so-dashboard.got.volvo.net.crt
 - Copy past the content from email certificatecenter@volvo.com
#openssl x509 -text -in ahs-java-so-dashboard.got.volvo.net.crt
```

cp ahs-java-so-dashboard.got.volvo.net.crt /etc/httpd/ssl
#/etc/init.d/httpd reload

==========

Before:

After:



==========
root@segotl2945# cd /etc/httpd/ssl/
root@segotl2945# ll
total 24
-rw-r--r--. 1 root root 2601 Sep 10 2021 ahs-java-so-dashboard.got.volvo.net.crt
-rw-r--r--. 1 root root 1704 Sep 18 2020 ahs-java-so-dashboard.got.volvo.net.key
drwxr-xr-x. 2 root root 4096 Aug 12 09:50 new
drwxr-xr-x. 2 root root 4096 Sep 18 2020 old
drwxr-xr-x. 2 root root 4096 Sep 10 2021 old2
drwxr-xr-x. 2 root root 4096 Sep 10 2021 old3
root@segotl2945# cd new/
root@segotl2945# ll
total 12
-rw-r--r--. 1 root root 399 Sep 17 2020 ahs-java-so-dashboard.cnf
-rw-r--r--. 1 root root 1204 Aug 12 09:51 ahs-java-so-dashboard.csr
-rw-r--r--. 1 root root 144 Sep 10 2021 req.txt
root@segotl2945#

cd /etc/httpd/ssl/
 find . -ls
cd new/
cat req.txt
cd ..
cp -rp new old3
rm -f ahs-java-so-dashboard.got.volvo.net.crt
openssl req -new -key /etc/httpd/ssl/ahs-java-so-dashboard.got.volvo.net.key -config ahs-java-so-dashboard.cnf -out ahs-java-so-dashboard.csr
cat ahs-java-so-dashboard.csr

Copy the content and past it to portal.

https://certificaterequest.srv.volvo.com/volvocertrequest/Renew.aspx?id=72340

```
==========================================================================================
  501  2022-08-15 16:02:06 cat /etc/sssd/sssd.conf
  502  2022-08-15 16:02:09 cat /etc/hosts
  503  2022-08-15 16:03:04 cd /etc/pki/ca-trust/
  504  2022-08-15 16:03:04 ll
  505  2022-08-15 16:03:09 cd source/
  506  2022-08-15 16:03:10 ll
  507  2022-08-15 16:03:17 cd anchors/
  508  2022-08-15 16:03:18 ll
  509  2022-08-15 16:03:47 cd /etc/openldap/certs/
  510  2022-08-15 16:03:47 ll
  511  2022-08-15 16:03:56 cd ..
  512  2022-08-15 16:03:57 ll
  513  2022-08-15 16:04:04 cat ldap.conf
  514  2022-08-15 16:04:11 cd /etc/openldap/cacerts
  515  2022-08-15 16:04:12 ll
  516  2022-08-15 16:04:52 openssl x509 -in 6976b05b.0 -text
  517  2022-08-15 16:06:07 df -h
==========================================================================================
```

.Bash_History readable

Monday, July 24, 2023 7:45 PM

```
awk -F \\n '{ if ($0 ~ /^#[0-9]+/) {printf "%5d  %s ", ++i, strftime("%d/%m/%y %T", substr($1,2)); getline; print $0 }}' /tmp/.bash_history-4669
```

```
export HISTTIMEFORMAT="%d/%m/%y %T "
```

From <https://askubuntu.com/questions/391082/how-to-see-time-stamps-in-bash-history>

IPCS

Tuesday, June 18, 2024 3:52 PM

There is an option -Q in ipcrmthat deletes all the messages in the queue. For instance, **ipcrm -Q 0x00000000 deletes all the messages** for the key 0x00000000

```
# ipcs -a
------ Shared Memory Segments --------
key      shmid     owner     perms     bytes     nattch    status
0xc616cc44 1056800768 oracle    660       4096      0
0x0103f577 323158020  root     664       966       1
0x0000270f 325713925  root     666       1         2
------ Semaphore Arrays --------
key      semid     owner     perms     nsems
0x0103eefd 0         root     664       1
0x0103eefe 32769     root     664       1
0x4b0d4514 1094844418 oracle    660       204
------ Message Queues --------
key      msqid     owner     perms     used-bytes   messages
0x000005a4 32768     root      644       0          0
```

All the IPC facility has unique key and identifier, which is used to identify an IPC facility.

IPCS Example 2: List all the Message Queue

ipcs with option -q, lists only message queues for which the current process has read access.

```
$ ipcs -q
------ Message Queues --------
key      msqid     owner     perms     used-bytes   messages
0x000005a4 32768     root      644       0          0
```

IPCS Example 3. List all the Semaphores

ipcs -s option is used to list the accessible semaphores.

```
# ipcs -s
------ Semaphore Arrays --------
key      semid     owner     perms     nsems
0x0103eefd 0         root     664       1
0x0103eefe 32769     root     664       1
0x4b0d4514 1094844418 oracle    660       204
```

IPCS Example 4. List all the Shared Memory

ipcs -m option with ipcs command lists the shared memories.

```
# ipcs -m
------ Shared Memory Segments --------
key      shmid     owner     perms     bytes     nattch    status
0xc616cc44 1056800768 oracle    660       4096      0
0x0103f577 323158020  root     664       966       1
0x0000270f 325713925  root     666       1         2
```

IPCS Example 5. Detailed information about an IPC facility

ipcs -i option provides detailed information about an ipc facility.

```
# ipcs -q -i 32768
Message Queue msqid=32768
uid=0  gid=0  cuid=0  cgid=0  mode=0644
cbytes=0      qbytes=65536   qnum=0  lspid=0 lrpid=0
send_time=Not set
rcv_time=Not set
change_time=Thu Aug  5 13:30:22 2010
```

Option -i with -q provides information about a particular message queue. Option -i with -s provides semaphore details. Option -i with -m provides details about a shared memory.

IPCS Example 6. Lists the Limits for IPC facility

ipcs -l option gives the system limits for each ipc facility.

```
# ipcs -m -l
------ Shared Memory Limits --------
max number of segments = 4096
max seg size (kbytes) = 67108864
max total shared memory (kbytes) = 17179869184
min seg size (bytes) = 1
```

The above command gives the limits for shared memory. -l can be combined with -q and -s to view the limits for message queue and semaphores respectively. Single option -l gives the limits for all three IPC facilities.

```
# ipcs -l
```

IPCS Example 7. List Creator and Owner Details for IPC Facility

ipcs -c option lists creator userid and groupid and owner userid and group id. This option can be combined with -m, -s and -q to view the creator details for specific IPC facility.

```
# ipcs -m -c
------ Shared Memory Segment Creators/Owners --------
shmid     perms     cuid      cgid      uid       gid
1056800768 660      oracle    oinstall  oracle    oinstall
323158020  664      root      root      root      root
325713925  666      root      root      root      root
```

IPCS Example 8. Process ids that accessed IPC facility recently

ipcs -p option displays creator id, and process id which accessed the corresponding ipc facility very recently.

```
# ipcs -m -p
------ Shared Memory Creator/Last-op --------
shmid     owner     cpid      lpid
1056800768 oracle   16764     5389
323158020  root     2354      2354
325713925  root     20666     20668
```

-p also can be combined with -m,-s or -q.

IPCS Example 9. Last Accessed Time

ipcs -t option displays last operation time in each ipc facility. This option can also be combined with -m, -s or -q to print for specific type of ipc facility. For message queue, -t option displays last sent and receive time, for shared memory it displays last attached (portion of memory) and detached timestamp and for semaphore it displays last operation and changed time details.

```
# ipcs -s -t
------ Semaphore Operation/Change Times --------
semid   owner     last-op                 last-changed
0       root      Thu Aug  5 12:46:52 2010   Tue Jul 13 10:39:41 2010
32769   root      Thu Aug  5 11:59:10 2010   Tue Jul 13 10:39:41 2010
1094844418 oracle   Thu Aug  5 13:52:59 2010   Thu Aug  5 13:52:59 2010
```

IPCS Example 10. Status of current usage

ipcs with -u command displays current usage for all the IPC facility. This option can be combined with a specific option to display the status for a particular IPC facility.

```
# ipcs -u
------ Shared Memory Status --------
segments allocated 30
pages allocated 102
pages resident  77
pages swapped   0
Swap performance: 0 attempts     0 successes
------ Semaphore Status --------
used arrays = 49
allocated semaphores = 252
------ Messages: Status --------
allocated queues = 1
used headers = 0
used space = 0 bytes
```

From <https://www.thegeekstuff.com/2010/08/ipcs-command-examples/>

cat /proc/sysvipc/msg

Banner

Tuesday, June 18, 2024 5:32 PM

https://manytools.org/hacker-tools/ascii-banner/

Signal kill

Tuesday, September 3, 2024 3:55 PM

- SIGTERM gracefully kills the process whereas SIGKILL kills the process immediately.
- SIGTERM signal can be handled, ignored, and blocked, but SIGKILL cannot be handled or blocked.
- SIGTERM doesn't kill the child processes. SIGKILL kills the child processes as well.

From <https://linuxhandbook.com/sigterm-vs-sigkill/>

Process States in Linux

In Linux, a process can be in one of five states:

- **Running:**
  The process is currently executing on the CPU.
- **Sleeping:**
  The process is waiting for a resource to become available.
- **Stopped:**
  The process has been terminated by a user
- **Zombie:**
  The process has completed execution but has not yet been cleaned by the system.
- **Orphan:**
  The parent process of the current process has been terminated.

From <https://www.scaler.com/topics/process-management-in-linux/>

I closed the terminal but need that program still running. What can I do?

nohup

From <https://www.geeksforgeeks.org/linux-process-management-command-cheat-sheet/#i-closed-the-terminal-but-need-that-program-still-running-what-can-i-do>

Monday, March 21, 2022 5:49 PM

k 5 stripes data at a block level across several drives, with parity equality distributed among the drives. The parity information allows recovery from the failure of any single drive. Write performance is rather quick, but because parity data must be skipped on each drive during reads, reads are slower. The low ratio of parity to data means low redundancy overhead.
Minimum number of drives required: **3**
Performance: **Average**
Redundancy: **High**
Efficiency: **High**

ADVANTAGES:

- Fault tolerant
- High efficiency

Thursday, March 31, 2022 5:21 PM

puppet agent --configprint runinterval -> check the interval

LEO file char issue

Friday, April 29, 2022 4:07 PM

The limit occurs **due to an optimization technique where smaller strings are stored with the first byte holding the length of the string**. Since a byte can only hold 256 different values, the maximum string length would be 255 since the first byte was reserved for storing the length.

```
[root@dkrduxprod24 ~]# getconf -a |grep -i name_max
NAME_MAX                    255
_POSIX_NAME_MAX             255
LOGNAME_MAX                 256
TTY_NAME_MAX                32
TZNAME_MAX                  6
_POSIX_TZNAME_MAX           6
CHARCLASS_NAME_MAX          2048
HOST_NAME_MAX               64
LOGIN_NAME_MAX              256
[root@dkrduxprod24 ~]# getconf -a |grep -i path_max
PATH_MAX                    4096
_POSIX_PATH_MAX             4096
[root@dkrduxprod24 ~]#
```

GET

Friday, April 29, 2022 6:27 PM

1. Create one test VM
2. Install OS on Desktop

Team Huddle

Tuesday, January 17, 2023 1:05 PM

Please take backup before you edit the file sudoers

CHG000431847 - Change is missed in the task reminder

UD /var -->
UD Azure servers

I got access to CFME - to replicate subnet

- Azure portal access
- Audit.conf file in UD server while patching

```
root@udgotl2128# grep admin /etc/audit/auditd.conf
admin_space_left = 50
admin_space_left_action = halt
root@udgotl2128#

root@segotl1923#  grep admin /etc/audit/auditd.conf
admin_space_left = 50
admin_space_left_action = SUSPEND
```

Mdatp instllatoin:
Lyon Factory
Blainvill and Borug sites

Wednesday, May 4, 2022 1:31 PM

New KB article in place for KB000059410 for JAVA Vulnerability Mitigation

ITIL - Linux JAVA Vulnerablity Mitigation Procedure | HCL Service Integration and Management Service Management (service-now.com)

New KB article Created KB000059409 - MTAAS Escalation Matrix

Thursday, May 5, 2022 5:58 PM

GLB WINDOWS SBC 2ND

Segotl6003
https://ansibletower.it.hclgss.com/#/login
http://git.it.hclgss.com/git/
https://lcs01.it.hclgss.com/AT_lj/AT_lj-h.php

Step 1: Every Monday - generate of inventgen - will build inventory -getting information from snow cmdb/satelite/AD
once inventory is completed both gss on volvo
take file from data_servicenow.csv --> updating info manually since getting info snow is difficult

re-run the invengen playbook once issue is resolved.

inventgen palybook will scheduling patching playbook - schedules
automatic cleanup - will remove the scheduled jobs

week A - 2nd Tuesday of month

once inventory is completed both gss on volvo

step 2: pre-check

- it will use the inventory file and check all the pre-check tasks

ssh
puppet
ansiblehcluser

>no external repo
onborading 100 of servers every mo

https://ansibletower.it.hclgss.com/#/login
nth.

Step 3 - prior to patch - email will send to sdm/srm/dm

Snow
Satellite
AD - configgroup

10-03-2022

Monday, October 3, 2022 1:14 PM

Step1: Validate the Ansible Week Change status before running the DB_SYNC Template
Step2: Validate the dataservicenow.csv file
Step3:

20-06-2022

Monday, June 20, 2022 12:44 PM

Segotl6294 - to create the inventory.csv file
Then copy that file to new satellite 4385
Then execute the script to change the content from 6M to 1M
Once its done - manually validate the file is there anything missing

27-6-2022

Monday, June 27, 2022 12:39 PM

1. Clone the inventory files based on the locations VOLVO/GSS
2. Run the inventroy_gen playbook
   Will create a inventory file
   Scheduled the job on that week
3. Go to your home directory- run the below command to generate the file
4. ansible-inventory -i inventory_VOLVO_PROD/inventory --list |jq -r '._meta.hostvars[]|{fqdn,addon,hostgroup,patch_code}|map(.)|@csv' > inventory.VOLVO.csv
5. Once file is generated copy it to

#copy this generated file to satellite server - to 4385
Login to 4385 ansiblehcl user

5. Run the hammer script and re-direct to hostgroup.sh
6. Hostgropu.sh script will change the content from 6M to 1M

Segotl6294

#git revert <commit id>

cta-hpc2-f001	Rajesh	to be excluded
segotl0491	Rajesh	ansiblehcl ID created
segotl0498	Rajesh	ansiblehcl ID to be created
segotl1298	Rajesh	ansiblehcl ID created
segotl3777	Rajesh	restored secontex /home/ansiblehcl
segotl4794	naresh	looks good
segotl4849	naresh	looks good
cta-hpc3-i001	naresh	to be excluded
jpageol0106	naresh	Retired

segotl0496	naresh	ansiblehcl ID created
segotl2085	naresh	ansiblehcl ID created
cta-hpc1-f001	naresh	df -h - hung - removed fs from fstab
segotl0490	Venkat	ansiblehcl ID created
segotl0497	Venkat	ansiblehcl ID created
segotl0857	Venkat	ansiblehcl ID created
segotl1252	Venkat	user is not created
segotl1588	Venkat	Retired

04-07-2022

Monday, July 4, 2022 1:01 PM

1. Login to the server Segotl6294

```
[sandeepkumar.chanda@sds.hclgss.com@segotl6294 ~]$ cd inventory_VOLVO_PROD
[sandeepkumar.chanda@sds.hclgss.com@segotl6294 inventory_VOLVO_PROD]$ ls -rlt
total 736
-rw-r-----. 1 sandeepkumar.chanda@sds.hclgss.com sandeepkumar.chanda@sds.hclgss.com    551 Jun 13 14:32 lab_inventory
-rw-r-----. 1 sandeepkumar.chanda@sds.hclgss.com sandeepkumar.chanda@sds.hclgss.com   9218 Jun 27 09:05 exception.csv
-rw-r-----. 1 sandeepkumar.chanda@sds.hclgss.com sandeepkumar.chanda@sds.hclgss.com 570181 Jun 27 12:07 inventory
-rw-r-----. 1 sandeepkumar.chanda@sds.hclgss.com sandeepkumar.chanda@sds.hclgss.com 163453 Jun 27 12:12 data_servicenow.csv
[sandeepkumar.chanda@sds.hclgss.com@segotl6294 inventory_VOLVO_PROD]$ git pull
warning: Pulling without specifying how to reconcile divergent branches is
discouraged. You can squelch this message by running one of the following
commands sometime before your next pull:

  git config pull.rebase false  # merge (the default strategy)
  git config pull.rebase true   # rebase
  git config pull.ff only       # fast-forward only

You can replace "git config" with "git config --global" to set a default
preference for all repositories. You can also pass --rebase, --no-rebase,
or --ff-only on the command line to override the configured default per
invocation.

Username for 'https://git.it.hclgss.com': a37
```

Issues:

```
root@segotl1686# ps -ef | grep rhsm
root      1356     1  0 Jun05 ?        00:00:00 /usr/bin/rhsmcertd
root      5729     1  0 10:56 ?        00:00:00 /usr/bin/python2 /usr/libexec/rhsmd
root      5943  3818  0 10:57 pts/19   00:00:00 grep --color=auto rhsm
root     11636  1356  0 Jun30 ?        00:00:00 /usr/bin/python2 /usr/libexec/rhsmcertd-worker
root@segotl1686# systemctl status rhsm
```

```
root@segotl1686# ps -ef | grep rhsm
root      5729     1  0 10:56 ?        00:00:00 /usr/bin/python2 /usr/libexec/rhsmd
root      6391  3818  0 10:59 pts/19   00:00:00 grep --color=auto rhsm
root     11636     1  0 Jun30 ?        00:00:00 /usr/bin/python2 /usr/libexec/rhsmcertd-worker
root@segotl1686# kill -9 11636
root@segotl1686# kill -9 5729
root@segotl1686# systemctl status rhsmcertd.service
● rhsmcertd.service - Enable periodic update of entitlement certificates.
   Loaded: loaded (/usr/lib/systemd/system/rhsmcertd.service; enabled; vendor preset: enabled)
   Active: inactive (dead) since Mon 2022-07-04 10:59:33 CEST; 13s ago
  Process: 1348 ExecStart=/usr/bin/rhsmcertd (code=exited, status=0/SUCCESS)
 Main PID: 1356 (code=killed, signal=TERM)

Jun 30 15:18:04 segotl1686 subscription-manager[16301]: Removed subscription for product 'Red Hat Virtualization for IBM Power LE - Extended Update Support'
Jun 30 15:18:04 segotl1686 subscription-manager[16301]: Removed subscription for product 'Red Hat CodeReady Linux Builder for ARM 64 High Touch Beta'
Jun 30 15:18:04 segotl1686 subscription-manager[16301]: Removed subscription for product 'Red Hat Developer Tools Beta (for RHEL Server for ARM 64)'
Jun 30 15:18:04 segotl1686 subscription-manager[16301]: Removed subscription for product 'Red Hat CloudForms Beta'
Jun 30 15:18:04 segotl1686 subscription-manager[16301]: Removed subscription for product 'Red Hat Developer Tools (for RHEL Server for ARM 64)'
Jun 30 15:18:04 segotl1686 subscription-manager[16301]: Removed subscription for product 'Red Hat CodeReady Workspaces for OpenShift'
Jun 30 15:18:04 segotl1686 subscription-manager[16301]: Removed subscription for product 'Red Hat JBoss Core Services'
Jun 30 15:18:04 segotl1686 subscription-manager[16301]: Removed subscription for product 'Red Hat Gluster Storage Web Administration (for RHEL Server)'
Jul 04 10:58:29 segotl1686 systemd[1]: Stopping Enable periodic update of entitlement certificates....
Jul 04 10:59:33 segotl1686 systemd[1]: Stopped Enable periodic update of entitlement certificates..
root@segotl1686# ps -ef | grep rhsm
root      6804  3818  0 10:59 pts/19   00:00:00 grep --color=auto rhsm
```

```
root@segotl1686# ps -ef | grep rpm | grep -v grep | awk '{print $2}'| xargs kill
root@segotl1686# ps -ef | grep rpm
```

```
root@segotl1686# ps -ef | grep rpm | grep -v grep | awk '{print $2}'| xargs kill -9
root@segotl1686# ps -ef | grep rpm
```

[2:39 PM] Benoit GAGET
ipa-client-install --domain idm.it.hclgss.com --realm IDM.IT.HCLGSS.COM --mkhomedir --no-ntp --no-dns-sshfp
yum install ipa-client
authconfig --enablesssd --enablemkhomedir –update

[2:45 PM] Amit Kmr
for manual IPA config --- https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/UnixWiki/OnetimeProductManagementipa-client-register.aspx

Segotl6294 : /tmp

pre-requisite to onboard servers in the ansible Patching automation

1. Servers must be reachable from ansible bastion host (segotl0836, segotl0837, segotl5364).
2. Servers must be subscribed to the Volvo Redhat Satellite.
3. Local account ansiblehcl must be created and correctly configured on servers to support ssh connection from AAP infrastructure (normally pushed by puppet).
4. Servers must exist in Snow CMDB GBP and a monthly patching code of the Volvo company must be set (e.g WA-Th09).

Linux teams won't set any patching code, this is under responsibility of the application team or server owner to set the value.

Commands

Monday, June 27, 2022 9:11 PM

#go to the start point
#/rw
Cw
Past
Next
.
Past

Added no_root_squash

https://lcs01.it.hclgss.com/
Click Ansible tower report

Ansible Tower definition PROD VOLVO and GSS jobs

HCL GSS Web Server
External Links:

Satellite 6 SDS AD auth (sAMAccountName)
LCS Server SDS AD auth (sAMAccountName)
GIT Server SDS AD auth (sAMAccountName)
Capplan GSS SDS AD auth (sAMAccountName)
Ansible Tower PROD GSS SDS AD auth (sAMAccountName)
Automation Hub PROD GSS local account admin
Ansible Tower QA GSS SDS AD auth (sAMAccountName)
Automation Hub QA GSS local account admin
Satellite 6 QA SDS AD auth (sAMAccountName)
Poc KeeWeb SDS AD auth (sAMAccountName)(https://lcs01.it.hclgss.com/uploads/test.kdbx)
Cloudforms Frontend Node 1
VSPHERE segotv00818
VSPHERE segotv00879
VSPHERE segotv00880
RHV Manager - Production
RHV Manager - QA
RHV Manager - Dev
RHV Manager - Lab
Red Hat Identity Management HCL GSS
Vsphere segotv00879 and segotv00880(not ready)
Snow PROD itsmgbpeu
Snow QA hclitsmqa

Local Links:

Repositories
Configgrp
Configgrp ALL
Puppet Lastseen
Ansible Tower reports
Server Description
segotl6001 RHV Manager - Production
segotl6002 Satellite 6
segotl6003 Dev git/puppet module
segotl6004 GIT Server (git.it.hclgss.com)
segotl6005 Syslog server (unixlog.it.hclgss.com)
segotl6006 Kdump server (kdump.it.hclgss.com)
segotl6007 Zabbix
segotl6008 Zabbix
segotl6009 RPM Build Server
segotl6010 Puppet 5 (_puppet5masters.it.hclgss.com)
segotl6011 Capplan (capplan.it.hclgss.com)
segotl6012 Cloudforms DB
segotl6014 LCS (lcs01.it.hclgss.com)
segotl6016 Cloudforms Frontend
segotl6017 Cloudforms Automate
segotl6018 Cloudforms RHV

segotl6020 RHV Manager - QA
segotl6204 IDM master node
segotl6205 IDM Replica node
segotl6206 IDM Hidden Replica node
segotl6221 Inventory
segotl6060 RHV Manager - Dev
segotl6141 RHV Manager - Lab
segotk0150 Hypervisor PROD
segotk0151 Hypervisor PROD
segotk0152 Hypervisor PROD
segotk0153 Hypervisor PROD
segotk0154 Hypervisor QA
segotk0155 Hypervisor QA
segotk0156 Hypervisor DEV
segotk0157 Hypervisor DEV
segotl6293 Ansible Tower PROD postgres
segotl6294 Ansible Tower PROD
segotl6295 Ansible Tower PROD
segotl6296 Ansible Tower PROD
segotl6297 Automation Hub
Others Links

HCL GSS PKI
• For internal certificates, create a CSR for the server and send it to gss.certificatecenter@hcl.com (O = HCL GSS/L = Gothen burg/C = SE)
• For external certificate, involved Onkar from procurement team and get a quote from JNR Management. The price is approx. 14 0€, for a 2 year cert.

New Reservation (HCL_GSS_Infrastructure_GOT / n10.189.70.128_26_Lab-Test_Servers)

ip server Comment
10.189.70.148 segotl6068.it.hclgss.com Benoit Gaget POC pamdGRC
10.189.70.149/172.18.118.4 segotl6069.it.hclgss.com squid QA + dns QA + smtp QA + podman QA
10.189.70.150 segotl6070.it.hclgss.com Reserve Saravanan
10.189.70.151 segotl6071.it.hclgss.com Reserve Sheetal
10.189.70.152/172.18.118.5 segotl6072.it.hclgss.com Reserve Stephane RHEL8
10.189.70.153 segotl6073.it.hclgss.com Reserve Chandra
10.189.70.154 segotl6074.it.hclgss.com Reserve Chandra
10.189.70.155 segotl6075.it.hclgss.com Reserve Jagadish
10.189.70.156 segotl6076.it.hclgss.com Reserve Anuj RHEL7
10.189.70.158 segotl6078.it.hclgss.com Reserver Amit test
10.189.70.159 segotl6079.it.hclgss.com Reserve Anuj RHEL8
10.189.70.160 segotl6080.it.hclgss.com Reserve for Ansible testing
10.189.70.161 segotl6081.it.hclgss.com Reserve for Ansible testing
10.189.70.162 segotl6082.it.hclgss.com Reserve for Ansible testing
10.189.70.163 segotl6083.it.hclgss.com Reserve for Ansible testing
10.189.70.164 segotl6084.qit.hclgss.com Reserve IDM QSDS Master
10.189.70.165 segotl6085.qit.hclgss.com Reserve IDM QSDS Replica
10.189.70.166 segotl6086.qit.hclgss.com Reserve Sattelite QA
10.189.70.167 segotl6087.qit.hclgss.com Reserve Sattelite LAB

EXTRA
=====

DNS :
170.102.144.6
170.102.144.7

NTP (same as DNS):
170.102.144.6
170.102.144.7

Mail gateways :
170.102.144.10 (trouble need permission on investigation)
170.102.144.11 (trouble need permission on investigation)

[stephane.ruel@sds.hclgss.com@segotl6294 ~] $ for s in $(cat ~/.ansible/l) ; do echo $s $(ssh $s id) ; done

ago-hpc4-f001.sait.volvo.net
ago-hpc4-f002.sait.volvo.net
ago-hpc4-f003.sait.volvo.net
ago-hpc4-f004.sait.volvo.net
ago-hpc4-f005.sait.volvo.net
ago-hpc4-i001.sait.volvo.net uid=23150(ansiblehcl) gid=23150(ansiblehcl) groups=23150(ansiblehcl)

```
context=unconfined_u:unconfined_r:unconf            ined_t:s0-s0:c0.c1023
ago-hpc4-i002.sait.volvo.net uid=23150(ansiblehcl) gid=23150(ansiblehcl) groups=23150(ansiblehcl)
context=unconfined_u:unconfined_r:unconf            ined_t:s0-s0:c0.c1023
jpageol0107.sait.volvo.net
jpageol0109.sait.volvo.net



========================

1007  2023-01-19 16:00:11 postconf -d | grep size
 1008  2023-01-19 16:00:42 postconf -e mailbox_size_limit=0
 1009  2023-01-19 16:00:47 postconf -e message_size_limit=0

queue_directory = /var/spool/postfix
command_directory = /usr/sbin
daemon_directory = /usr/libexec/postfix
data_directory = /var/lib/postfix
mail_owner = postfix
myhostname = segotl0798.got.volvo.net
mydomain = got.volvo.net
inet_interfaces = localhost
inet_protocols = all
mydestination = $myhostname, localhost.$mydomain, localhost
unknown_local_recipient_reject_code = 550
relayhost = [mailgot.it.volvo.net]
alias_maps = hash:/etc/aliases
alias_database = hash:/etc/aliases
debug_peer_level = 2
debugger_command =
        PATH=/bin:/usr/bin:/usr/local/bin:/usr/X11R6/bin
        ddd $daemon_directory/$process_name $process_id & sleep 5
sendmail_path = /usr/sbin/sendmail.postfix
newaliases_path = /usr/bin/newaliases.postfix
mailq_path = /usr/bin/mailq.postfix
setgid_group = postdrop
html_directory = no
manpage_directory = /usr/share/man
sample_directory = /usr/share/doc/postfix-2.6.6/samples
readme_directory = /usr/share/doc/postfix-2.6.6/README_FILES


========================

[root@udgotl2050 ~]# cat /etc/postfix/main.cf |grep -v "#"
queue_directory = /var/spool/postfix
command_directory = /usr/sbin
daemon_directory = /usr/libexec/postfix
data_directory = /var/lib/postfix
mail_owner = postfix
myhostname = udgotl2050.got.udtrucks.net
mydomain = got.udtrucks.net
inet_interfaces = localhost
inet_protocols = all
mydestination = $myhostname, localhost.$mydomain, localhost
unknown_local_recipient_reject_code = 550
relayhost = [mailgot.it.udtrucks.net]
alias_maps = hash:/etc/aliases
alias_database = hash:/etc/aliases
debug_peer_level = 2
debugger_command =
        PATH=/bin:/usr/bin:/usr/local/bin:/usr/X11R6/bin
        ddd $daemon_directory/$process_name $process_id & sleep 5
sendmail_path = /usr/sbin/sendmail.postfix
newaliases_path = /usr/bin/newaliases.postfix
mailq_path = /usr/bin/mailq.postfix
setgid_group = postdrop
html_directory = no
manpage_directory = /usr/share/man
sample_directory = /usr/share/doc/postfix-2.10.1/samples
readme_directory = /usr/share/doc/postfix-2.10.1/README_FILES
=================
```

×

Ansible Tower Patching

Monday, November 28, 2022 12:51 PM

24/10/22

Monday, October 24, 2022 12:36 PM

1. Validate the respective week changes are in approved state or not.
2. Once verified run the DB_sync job
   Temp_GSS-VOLVO_Linux_Ansible_DB_Sysn
   This will update the data_servicenow.csv file.(remove the old week entry and update the current week entry)
   Validate changes in DB_Sync job - output

3. Verify the server count in data_servicenow.csv file(it should be same count as Change CI list)
4. Start Linux_InventGen job once Server count is verified
5. If there is any mismatch, update the data_servicenow.csv file and run the Linux_InventGen job again

issues

Monday, July 18, 2022 3:27 PM

for i in `ps -ef|grep rpm|grep -v grep|awk '{print $2}'`; do kill -9 $i; done

ps -ef|grep rpm|grep -v grep|awk '{print $2}' |xargs kill -9

Issues with unreachable:

Check ansiblehcl ID
SE context - ansiblehcl
Domain
/etc/hosts
Satellite subscription - check the content from both server and satellite
Fqdn - in satellite
/home -100%

Satellite server issue: hammer ping

systemctl status rhsmcertd.service
systemctl stop rhsmcertd.service
systemctl start rhsmcertd.service

```
root@brctal0008# ps -ef |grep yum
root     20930 18804  0 06:56 pts/4    00:00:00 grep --color=auto yum
root@brctal0008# ps -ef |grep rpm
root     20940 18804  0 06:56 pts/4    00:00:00 grep --color=auto rpm
root@brctal0008# ps -ef |grep rhsm
root     21010 18804  0 06:57 pts/4    00:00:00 grep --color=auto rhsm
root@brctal0008#
```

yum repolist

153.112.6.37 proxyssh.srv.volvo.com proxyssh
153.112.6.34 proxyssh.srv.volvo.com proxyssh

CMANE
Name: proxyssh.srv.volvo.com
Address: 153.112.6.34 (segotl0836-vip)
Name: proxyssh.srv.volvo.com
Address: 153.112.6.37 (segotl0837-vip)

segotl6295 (170.102.136.63) ->
segotl0837-vip (153.112.6.37:22) ->
segotl0837-host (153.112.6.41:22) ->
usgsol0287 (172.27.66.104:22)

segotl6295 (170.102.136.63) ->

segotl0836-vip (153.112.6.34:22) ->
segotl0836-host (153.112.6.40:22) ->
usgsol0287 (172.27.66.104:22)

==========

to fix bad default python3 path (which application team override without asking)
alternatives --auto python3

alternatives --config python

ansiblehcl

Monday, February 27, 2023 10:18 PM

```
[ansiblehcl@segotl0836 .ssh]$ cat id_rsa_ansiblehcl
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEA2/TmztYkjq5VFMjoHro8080pvEg/4otb8fFeTthsgkV82UtG
K/0qRJo6zfGHax0yT89HDy1gB6gdHj24w/BXucVNwHZNRJVoFradoMaCWGDV6pp7
IsNZ0IUPk8wy/12SCqkIxvnhLj0hVPee0RbN0pT9RARWtfFVHix2H6ARCZ3yA8sS
rM6rhyx7HzW97mOz0kUkimU5CNUiPSN/LgpKKkLYN/6PQA92On6hgVaYpSgxoLJ0
C4ruUbad/lCN1hLW2qnoPd8RZ2yDDy/bVW6XsBp9Ew3tER6rzENrzmJhzu4GlUSa
/CXM7jEsLzPUllbl9daIVIyOxLNVBbirEF5BsQIDAQABAoIBAG/W34Dt+5qc49/0
o6n0EjezivQUXH9pUq/7hXNbshivEmM+VgjJ6jMFpL7Qf4WkS8+u2jfKX5ilD2Ew
CwF99G0d+IHS5UjpGwrpgc6dAOvFGR/3uoKbh9Bxx9DjtE6KGlbXSgI6Thf/tzIH
0jYIfVEEtp5eAmTyt8/m1Y0RC3iyZ9y8LXD1p6Od5BtSekmiEWBBY0J/lDneRCB3
GIj1Mz7lym3Ttl7zHsNGfW6+P8490vr1oj2u6MAtPrsIi8strJjbG54U5LOgp9CP
g+hfmUclaJHPgAVPHBuCNytekGq53d7iDZ8Mo86gLBaOL7I7+KY62SyOcUcPxndA
juQ0jv0CgYEA/fDPRUezOxtfjNYOXzdZW7e/EiX57HJgXW4CoizuKDSivhKq8whF
uyoYGkrHazhAH6Uh3er1o1Wzr8B/h6gl2j7Hm5k2pVXu0cpWMatAVt359zy+stFC
gw88TqEmOZdRPWTnBpVdFMGXZ994uqzjcAVXMR1yPAZyduW62NeyC7MCgYEA3b2K
M5ukx7i6UYpdcwLREmoLvceF6b4lr7cgfKLZXwamNv0IC3gV9R/c+jV6f/v0j2JE
DZINAQ5jQr7a92p9cq7cmmUmwrTK6ZBTvWjKwuiVxgOasV+5uy7RFhTUgg96PcdX
HWx1luhP5yc0RgNjqLANxNjvZTUvFirwTogkuwsCgYEA9570Xpg2G7Lrj4fD5/Eu
/5LDjMzfUkON2E1H4CBz81ywPSwy6l3ssT+w1SKKJvFpBfKefal58dXGK+FH+l5q
2tBREFdsw/hxsrzdI/3b9VjrQL1JL1GCzA31Pq9BePMm0vkrlm3boDvOigmNzmp8
NWXfyhLuq72VrH8DniNmiKUCgYEAkJZ9PXWqFwlfhLgCg3I8vhMkINWvfmEc1d1F
c8AEmbAORiDsU/4z4yipwQWKIVY7fBuJYIfxrtSg6O7mfRqVPmjDNHHsul2FSpNv
5zwjqsBamUnUXwCabXHzqMBgaYaKISqQpYEJlCNbptCrh1PCckaKU+dZAteRIpVR
KQQhX00CgYBbfBUqg8WtiFfe7AzD4fUzNF3tGScpannIAbzvy6x8KAbyfIJYRVUj
nb0fqDkCOh0WXj8gqFFaPsWn/Q32WeEuhhPJcZG4U//WFYNeLZH7qZ1Fmpw0JQcL
XG2Hgd1gKtjn7ui5pYdQoQNS5qORXvMNLGIjPhABnnp1RZj5cjDEgA==
-----END RSA PRIVATE KEY-----
```

FireEye

Thursday, February 2, 2023 12:10 PM

```
# git clone https://git.it.hclgss.com/repo/ansibletower/fireeye

[hx11811@sds.hclgss.com@segotl6003 fireeye]$ ll
total 104
-rw-r-----. 1 hx11811@sds.hclgss.com hx11811@sds.hclgss.com  1263 Feb  1 17:45 depconf_agent.yml
drwxr-x---. 2 hx11811@sds.hclgss.com hx11811@sds.hclgss.com  4096 Feb  1 17:45 files
-rw-r-----. 1 hx11811@sds.hclgss.com hx11811@sds.hclgss.com 96158 Feb  1 17:45 inventory
[hx11811@sds.hclgss.com@segotl6003 fireeye]$ cat depconf_agent.yml
---
- name: Install and configure FireEye agent
  hosts: all
  become: true
  become_method: sudo
  become_user: root
  vars:
    fireconf: "agent_config.json"
    osversion: "{{ansible_lsb.major_release}}"
  tasks:
    - debug:
        msg: "Host is {{ ansible_fqdn }}"
#    - name: copy of rpm package
#      copy:
#        src: files/xagt-35.31.22-1.el{{ osversion }}.x86_64.rpm
#        dest: /tmp
#        owner: root
#        group: root
#      when: ansible_distribution == 'RedHat'
    - name: installation of fireeye agent
      yum:
        name: xagt
        state: latest
    - name: copy configuration file
      copy:
        src: "{{ fireconf }}"
        dest: /tmp
        owner: root
        group: root
    - name: applying conf on agent
      shell: |
        /opt/fireeye/bin/xagt -i "{{ fireconf }}"
      args:
        chdir: /tmp
    - name: enable and start fireye agent
      systemd:
        name: xagt
        enabled: yes
        state: restarted
      when: ansible_distribution == 'RedHat' and ansible_lsb.major_release|int > 6
```

```
  - name: enable and start fireye agent
    service:
      name: xagt
      enabled: yes
      state: restarted
    when: ansible_distribution == 'RedHat' and ansible_lsb.major_release|int < 7
[hx11811@sds.hclgss.com@segotl6003 fireeye]$
```

```
Yum install xagt
/opt/fireeye/bin/xagt -i agent_config.json
systemctl start xagt
systemctl enable xagt
```

```
root@segotlab0822# pwd
/opt/fireeye/bin
root@segotlab0822# du -sh *
77M     rte-sensor
2.4M    uncontain
48K     xagt
root@segotlab0822# cd /opt/fireeye/
root@segotlab0822# du -sh *
79M     bin
27M     lib
root@segotlab0822# cd bin/
root@segotlab0822# ll
total 80884
-rwx------. 1 root root 80360928 Nov 30 03:30 rte-sensor
-rwxr-xr-x. 1 root root  2410248 Nov 30 03:30 uncontain
-rwx------. 1 root root    47824 Nov 30 03:30 xagt
root@segotlab0822# cd ../lib/
root@segotlab0822# ll
total 27332
-rwx------. 1 root root 1947048 Nov 30 03:29 fips.so
-rwx------. 1 root root  125808 Nov 30 03:29 legacy.so
-rwx------. 1 root root  168088 Nov 30 03:29 libblkid.so
-rwx------. 1 root root 5422416 Nov 30 03:29 libcrypto.so
-rwx------. 1 root root 5422416 Nov 30 03:29 libcrypto.so.3
-rwx------. 1 root root 1319248 Nov 30 03:29 libgrpc_csharp_ext.so
-rwx------. 1 root root   27120 Nov 30 03:29 libmnl.so
-rwx------. 1 root root   27120 Nov 30 03:29 libmnl.so.0
-rwx------. 1 root root   27128 Nov 30 03:29 libmnl.so.0.2.0
-rwx------. 1 root root 9033328 Nov 30 03:29 libmxAgent.so
-rwx------. 1 root root 2506232 Nov 30 03:29 libmxCore.so
-rwx------. 1 root root  893416 Nov 30 03:29 libssl.so
-rwx------. 1 root root  893416 Nov 30 03:29 libssl.so.3
-rwx------. 1 root root  147336 Nov 30 03:29 libuv.so
root@segotlab0822#
```

```
telnet irjvnk8558-hx-agent-1.hex03.helix.apps.fireeye.com 80
```

telnet irjvnk8558-hx-agent-1.hex03.helix.apps.fireeye.com 443

To be discussed

Tuesday, August 16, 2022 3:22 PM

Design cluster nodes to be excluded from prepatch_cluster.sh
segotl4779-n2
segotl4779-n1

INC - troubleshooting

Friday, September 2, 2022 3:46 PM

WA - test & dev
WB - pre prod
WC & WD prod

Volvo & GSS WA - Every second tuesday after - will start on Thursday
WB - Tuesday to sunday
WC - Tuesday to sunday
WD - Tuesday to Sunday

```
root@segotl2979# sh -x /usr/libexec/itmmonitors/bin/hw_health_lindell_monitor.sh
+
PATH=/usr/lib64/qt-3.3/bin:/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin:/opt/dell/srvadmin/bin:/opt/dell/srvadmin/sbin:/op
t/thinlinc/bin:/opt/thinlinc/sbin:/root/bin:/opt/dell/srvadmin/sbin/
+ export PATH
+ '[' '!' -x /opt/dell/srvadmin/sbin/omreport ']'
+ echo 'ERROR     DELL hardware monitoring software (srvadmin package) not installed.'
ERROR     DELL hardware monitoring software (srvadmin package) not installed.
+ exit 0
root@segotl2979# rpm -qf /opt/dell/srvadmin/sbin/omreport
srvadmin-omacore-10.1.0.0-4561.18274.el7.x86_64
root@segotl2979# yum info srvadmin-omacore-10.1.0.0-4561.18274.el7.x86_64
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-manager
Installed Packages
Name        : srvadmin-omacore
Arch        : x86_64
Version     : 10.1.0.0
Release     : 4561.18274.el7
Size        : 2.6 M
Repo        : installed
From repo   : HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
Summary     : Server Administrator CLI, 10.1.0.0
URL         : http://support.dell.com
License     : Dell Proprietary
Description : Systems Management Managed Node Core and CLI.

root@segotl2979# yum history info srvadmin-omacore |more
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-
           : manager
Transaction ID : 147
Begin time     : Tue Aug 23 14:56:02 2022
Begin rpmdb    : 1480:8f7084e52a47f4839444363b4dd074c1db13d7c7
End time       :          14:56:35 2022 (33 seconds)
End rpmdb      : 1461:87a848ef41a08c0e7e2a54f73b1909b38279ccef
User           : Anil Tarigopula Tarigopula, 55024898 <a346317>
Return-Code    : Failure: 1
Command Line   : remove srvadmin-omilcore
Transaction performed with:
    Installed     rpm-4.11.3-48.el7_9.x86_64                @rhel-7-server-rpms
    Installed     subscription-manager-1.24.51-1.el7_9.x86_64 @rhel-7-server-rpms
    Installed     yum-3.4.3-168.el7.noarch                  @rhel-7-server-rpms
Packages Altered:
    Erase srvadmin-all-10.1.0.0-4561.18274.el7.x86_64              @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
```

```
   Erase srvadmin-base-10.1.0.0-4561.18274.el7.x86_64              @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
** Erase srvadmin-deng-10.1.0.0-4561.18274.el7.x86_64              @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-deng-snmp-10.1.0.0-4561.18274.el7.x86_64         @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-isvc-10.1.0.0-4561.18274.el7.x86_64              @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-isvc-snmp-10.1.0.0-4561.18274.el7.x86_64         @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-jre-10.1.0.0-4561.18274.el7.x86_64               @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
** Erase srvadmin-omacore-10.1.0.0-4561.18274.el7.x86_64           @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-omacs-10.1.0.0-4561.18274.el7.x86_64             @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-omaksmig-10.1.0.0-4561.18274.el7.x86_64          @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-omcommon-10.1.0.0-4561.18274.el7.x86_64          @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-omilcore-10.1.0.0-4561.18274.el7.x86_64          @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-ominst-10.1.0.0-4561.18274.el7.x86_64            @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-oslog-10.1.0.0-4561.18274.el7.x86_64             @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-server-cli-10.1.0.0-4561.18274.el7.x86_64        @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-server-snmp-10.1.0.0-4561.18274.el7.x86_64       @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-smweb-10.1.0.0-4561.18274.el7.x86_64             @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
** Erase srvadmin-storage-10.1.0.0-4561.18274.el7.x86_64           @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
** Erase srvadmin-storage-cli-10.1.0.0-4561.18274.el7.x86_64       @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
** Erase srvadmin-storage-snmp-10.1.0.0-4561.18274.el7.x86_64      @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-storageservices-10.1.0.0-4561.18274.el7.x86_64   @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-storageservices-cli-10.1.0.0-4561.18274.el7.x86_64  @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-storageservices-snmp-10.1.0.0-4561.18274.el7.x86_64 @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
** Erase srvadmin-tomcat-10.1.0.0-4561.18274.el7.x86_64            @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7
   Erase srvadmin-webserver-10.1.0.0-4561.18274.el7.x86_64         @HCL_Dell_dell-system-update_dependent-rhel-x86_64-server-7


[Errno 4] Interrupted system call
root@segotl2979# rpm -Va |more
S.5....T.  c /etc/sysconfig/init
S.5....T.  c /etc/sysctl.conf
.M.......  c /boot/grub2/grub.cfg
S.5....T.  c /etc/rhsm/rhsm.conf
S.5....T.  c /etc/krb5.conf
missing     /opt/dell/srvadmin/lib64/openmanage/private/libsysfs.so.1
missing     /opt/dell/srvadmin/lib64/openmanage/private/libsysfs.so.1.0.3
.M.......    /etc/cron.d
S.5....T.    /etc/cron.d/mk_ciscat_report
SM5....T.    /opt/vit/ciscat/misc/ciscat.properties
missing     /usr/libexec/dell_dup
missing     /usr/libexec/dell_dup/Network_Firmware_7CM1N_LN_21.60.16.BIN
missing     /usr/libexec/dell_dup/Network_Firmware_7CM1N_LN_21.60.16.BIN.sign
missing     /opt/dell/srvadmin/bin/iTP_post_script.sh
missing     /opt/dell/srvadmin/etc/authexclusion.xml
missing     /opt/dell/srvadmin/etc/autoconf_cim_component.conf
missing     /opt/dell/srvadmin/etc/autoconf_cim_component.sh
missing     /opt/dell/srvadmin/etc/schema
missing     /opt/dell/srvadmin/etc/schema/cimv217Experimental-MOFs.zip
missing     /opt/dell/srvadmin/etc/schema/int.mof
missing     /opt/dell/srvadmin/etc/schema/tp.mof
missing     /opt/dell/srvadmin/etc/schema/tunnel.reg
missing     /opt/dell/srvadmin/lib64/libTPServiceModule.a
missing     /opt/dell/srvadmin/lib64/libTPServiceModule.so
missing     /opt/dell/srvadmin/lib64/libTPServiceModule.so.0
missing     /opt/dell/srvadmin/lib64/libTPServiceModule.so.0.0.0
missing     /opt/dell/srvadmin/lib64/libcmpiTunnelProvider.a
missing     /opt/dell/srvadmin/lib64/libcmpiTunnelProvider.so
missing     /opt/dell/srvadmin/lib64/libcmpiTunnelProvider.so.1
missing     /opt/dell/srvadmin/lib64/libcmpiTunnelProvider.so.1.0.0
S.5....T.  c /etc/default/useradd
S.5....T.  c /etc/ssh/sshd_config
missing     /opt/dell/srvadmin/lib64/libRealSSD-API.so
```

```
missing     /usr/libexec/dell_dup
missing     /usr/libexec/dell_dup/SAS-RAID_Firmware_700GG_LN_25.5.9.0001_A17.BIN
missing     /usr/libexec/dell_dup/SAS-RAID_Firmware_700GG_LN_25.5.9.0001_A17.BIN.sign
S.5....T.  c /etc/lightdm/lightdm.conf
.M...UG..  g /var/run/lightdm
missing     /usr/libexec/dell_dup
missing     /usr/libexec/dell_dup/BIOS_9FG85_LN_2.12.1_01.BIN
root@segotl2979#
```

==========

```
yum update --assumeno
```

So could you please share below outputs:

 # systemctl status sshd -l

timedatectl

uptime

Kindly execute the sosreport in the effected VM and upload the sosreport in below DTM link.

```
# sosreport --all-logs
```

Kill the ansible job stuck

Saturday, December 9, 2023 1:15 PM

Login to execution node:
su - awx
podman ps -a ---->to check the running container details
podman exec -it e24d50e7613b bash ---> to login to container
(e24d50e7613b is the container ID)
ps -es ---> to check the stuck job, you will find ssh session session with server name

Friday, May 6, 2022 4:34 PM

https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/UnixWiki/StandardsJAVA%20CloudRedHatVirtualization.aspx

RHV-M (volvo)

segotl2598 (old Infra) (4.1/2) Openshift 3.7
segotl4478 (new Infra)

Segotl4778.got.volvo.net

OpenShift
segotl4210 (Alpha)- 4.3
segotl4426 (Charlie and Bravo) 4.4

RHV-M (GSS)

segotl6001 (gss infra)
segotl6020 (QA) segotl6020.it.hclgss.com
segotl6060 (Dev)

OpenShift LAB

Segotl6141

RHEV Infra
Openshift Cluster

==========

segotl2737
become root
from there, you can login to all old rhev hosts
for new hosts, you can login to respective rhv-m
segotl4778 - segotl126, 27, 28 and 29
segotl4426 - segotk0121,22,23,24 and 25

Segotl6060 - GSS lab - RHEV

Username

Friday, October 14, 2022 2:10 PM

admin
redhat
admin
go2MARS

fencer ---- stonith123
mgr/ dol8WORK
admin/kalle255
opsadmin/redhat
admin/redhat

For 4778 ---- admin / go2MARS

#Meeting 1

Tuesday, June 7, 2022 1:14 PM

Please find the MOM from our last meeting.

1) We discussed, VM creation in RHV portal. Same has been updated in below wiki, please refer for more info.
https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/UnixWiki/OnetimeJAVA%20CloudRHV_CreateVM.aspx
2) We have discussed all Infra, which are hosted in RHV.
    a. Infra RHV
    b. OpenShift RHV
3) We get the request from Openshift for new VM which is mostly hardware only since they are using core os for their infra. So, you are responsible for only HW VM creation.
4) Link for all documents with all RHV hosts details
https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2Fsites%2FUnixDoc%2FShared%20Documents%2FCDO%20Linux%20RHV%20Environments&FolderCTID=0x012000A9A5E02F7F1AE84E8528108DFAF3C775&View=%7B80CC739F%2D1BAD%2D4DDD%2D94E3%2D5FB61367AEAC%7D
5) In Volvo:
    a. For INFRA:
        i. segotl2598 (RHV-M)
        ii. segotl4778 (RHV-M)
            Note: all infra servers are in migration phase from segotl2598 to segotl4778.
    b. For Openshift:
        i. segotl4210 (RHV-M), Alpha cluster
        ii. segotl4426 (RHV-M), Bravo and Charlie Cluster)
6) In GSS:
    a. For INFRA:
        i. segotl6001 (RHV-M Prod)
        ii. segotl6020 (RHV-M QA)
        iii. segotl6060 (RHV-M Test)
    b. For OpenShift:
        i. Segotl6141 (RHV-M LAB)

#Meeting 2

Friday, June 10, 2022 3:35 PM

RHEV Manager first and then HOSTS.

RHEV - Manager upgrading - every 3 Month -

RHEV - Manager restore - there is a cron job running to take a backup

RHEV HOST- upgrade
NO VM running on
Put HOST in maintenance mode
If there is any affinity rule - disable it
--
Minimal downtime - is the recommended policy
If its failing - stop app and move if not power off and move to another host.
--
Yum update
Make sure all the required repo enabled or not

Power management - ILO info

Tuesday, September 13, 2022 4:02 PM

RHEV - Manager upgrade
Below RHEV host can be connected from segotl0836 - root - default password
Segotk0127
Segotk0128
Segotk0129 --> in

```
[root@segotk0128 ~]# virsh list
Please enter your authentication name: vdsm@ovirt
Please enter your password: shibboleth
 Id    Name          State
----------------------------------
 1     segotl2742     paused
 2     wwglbl00071    paused
 3     wwglbl20011    paused
 11    segotl4393     paused
 12    segotl4392     paused
 62    wwglbl20015    paused
 87    segotl4475     paused
 103   wwglbl20012    paused
 105   segotl4391     paused
 106   segotl4385     paused
```

```
hosted-engine --vm-status
systemctl status ovirt-ha-agent
systemctl stop ovirt-ha-agent
systemctl start ovirt-ha-agent

hosted-engine --vm-status
hosted-engine --set-maintenance --mode=global

hosted-engine --vm-poweroff
hosted-engine --vm-status
hosted-engine --vm-start

stat("/rhev/data-center/mnt/172.19.47.167:_segot__segotk0126__dsfs__1002_segotk0126__dsfs__1002__q1000n", ^C^Z
[1]+  Stopped                 strace df -h
[root@segotk0128 ~]#
 mount -t nfs 172.19.47.167:segot_segotk0126_dsfs_1000/segotk0126_dsfs_1000_q1000n /mnt
```

```
 613  virsh list
 614  strace df -ThP
 615  hosted-engine --console
 616  journalctl -u ovirt-engine
 617  hosted-engine --vm-shutdown
 618  virsh list
 619  systemctl status ovirt-engine.service
```

```
  620  cat /var/log/ovirt-hosted-engine-ha/agent.log | grep -i ovirt-ha-agent
  621  systemctl status -l ovirt-ha-agent
  622  df -h
  623  ping 172.19.47.167
  624  hosted-engine --check-liveliness
  625  hosted-engine --vm-start
  626  virsh list
  627  hosted-engine --vm-status
  628  df -h
  629  history
[root@segotk0129 ~]# hosted-engine --vm-status
```

PCS New File system creation

Monday, May 9, 2022 4:47 PM

https://access.redhat.com/solutions/2682031

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22030701610>

```
pcs resource group remove gorapresjrapid01 nmb_resource
pcs resource group remove gorapresjrapid01 smb_resource
pcs resource group remove gorapresjrapid01 gorapresjrapid01_dbdump
pcs resource group remove gorapresjrapid01 gorapresjrapid01_vg03

pcs resource delete nmb_resource
pcs resource delete smb_resource
pcs resource delete gorapresjrapid01_dbdump
pcs resource delete gorapresjrapid01_vg03


pvcreate /dev/mapper/36000144000000010a01113389d7c42b9
vgcreate gorapresjrapid01_vg04 /dev/mapper/36000144000000010a01113389d7c42b9 --addtag pacemaker --config 'activation { volume_list = [ "@pacemaker" ] }'
vgs -a -o+tags
lvcreate --addtag pacemaker -L 1G -n gorapresjrapid01_fra gorapresjrapid01_vg04 --config 'activation { volume_list = [ "@pacemaker" ] }'
mkfs.xfs /dev/gorapresjrapid01_vg04/gorapresjrapid01_fra
lvchange -an gorapresjrapid01_vg04/gorapresjrapid01_fra --deltag pacemaker
#vgchange -an gorapresjrapid01_vg04 --deltag pacemaker
vgchange --deltag=pacemaker gorapresjrapid01_vg04
pcs resource create gorapresjrapid01_vg04 LVM volgrpname=gorapresjrapid01_vg04 exclusive=true --group gorapresjrapid01
pcs resource create gorapresjrapid01_fra Filesystem device=/dev/gorapresjrapid01_vg04/gorapresjrapid01_fra  directory=/oracle/FRA fstype=xfs  --group gorapresjrapid01

pcs cluster sync

====================

# pcs constraint location group_myapp1 prefers hostname1-cl=200
# pcs constraint location group_myapp1 prefers hostname2-cl=100

# pcs resource defaults resource-stickiness=500 ‍‍‍
```

```
mkfs.xfs /dev/forastd2_vg06/forastd2_fra
lvchange -an forastd2_vg06/forastd2_fra --deltag pacemaker
vgchange --deltag=pacemaker forastd2_vg06
pcs resource create forastd2_vg06 LVM volgrpname=forastd2_vg06 exclusive=true --group forastd2
pcs resource create forastd2_fra Filesystem device=/dev/forastd2_vg06/forastd2_fra  directory=/forastd2/oracle/FRA fstype=xfs  --group forastd2
pcs cluster sync
vgs -a -o+tags
```

forapre2
=========

```
root@frlyonl0213-n1# vgs |grep forastd2
  forastd2_vg01   3   2   0 wz--n- <119.99g  120.00m
  forastd2_vg02   1   1   0 wz--n-   <5.00g       0
  forastd2_vg03   5   3   0 wz--n-  499.98g   <1.01g
  forastd2_vg04   1   1   0 wz--n-  <10.00g       0
  forastd2_vg05   2   2   0 wz--n-   <3.03t       0
root@frlyonl0213-n1#

root@frlyonl0213-n1# vgs |grep forapre2
  forapre2_vg01   3   2   0 wz--n- <169.99g   <2.19g
  forapre2_vg02   1   1   0 wz--n-   <5.00g       0
  forapre2_vg03   3   3   0 wz--n- <389.99g       0
  forapre2_vg04   1   1   0 wz--n-  <10.00g       0
  forapre2_vg05   1   2   0 wz--n-    1.46t       0
root@frlyonl0213-n1#
```

==========

Pcs cluster resource remove

Friday, February 24, 2023 6:43 PM

```
pcs property set maintenance-mode=true

pcs resource group remove gorastdsjrapid01 gorastdsjrapid01_dbdump
pcs resource group remove gorastdsjrapid01 gorastdsjrapid01_vg03
pcs resource group remove gorastdsjrapid01 gorastdsjrapid01_smb
pcs resource group remove gorastdsjrapid01 gorastdsjrapid01_nmb

pcs resource delete gorastdsjrapid01_dbdump
pcs resource delete gorastdsjrapid01_vg03
pcs resource delete gorastdsjrapid01_smb
pcs resource delete gorastdsjrapid01_nmb

pcs cluster sync
pcs status

pcs property set maintenance-mode=false
```

```
gorapresjrapid01_vg03     (ocf::heartbeat:LVM):   Stopped
    gorapresjrapid01_dbdump    (ocf::heartbeat:Filesystem):    Stopped
    smb_resource      (systemd:smb):  Stopped
    nmb_resource      (systemd:nmb):  Stopped
gorapresjrapid01

pcs resource group remove gorapresjrapid01 nmb_resource
pcs resource group remove gorapresjrapid01 smb_resource
pcs resource group remove gorapresjrapid01 gorapresjrapid01_dbdump
pcs resource group remove gorapresjrapid01 gorapresjrapid01_vg03

pcs resource delete nmb_resource
pcs resource delete smb_resource
pcs resource delete gorapresjrapid01_dbdump
pcs resource delete gorapresjrapid01_vg03
/dev/mapper/36000144000000010a01113389d7c42b9
/dev/mapper/36000144000000010a01113389d7c42b9
pvcreate /dev/mapper/36000144000000010a01113389d7c42b9
vgcreate gorapresjrapid01_vg04 /dev/mapper/36000144000000010a01113389d7c42b9 --addtag pacemaker --config 'activation { volume_list = [ "@pacemaker" ] }'
vgs -a -o+tags
lvcreate --addtag pacemaker -L 100G -n gorapresjrapid01_fra gorapresjrapid01_vg04 --config 'activation { volume_list = [ "@pacemaker" ] }'
mkfs.xfs /dev/gorapresjrapid01_vg04/gorapresjrapid01_fra
lvchange -an gorapresjrapid01_vg04/gorapresjrapid01_fra --deltag pacemaker
#vgchange -an gorapresjrapid01_vg04 --deltag pacemaker
vgchange --deltag=pacemaker gorapresjrapid01_vg04
pcs resource create gorapresjrapid01_vg04 LVM volgrpname=gorapresjrapid01_vg04 exclusive=true --group gorapresjrapid01
pcs resource create gorapresjrapid01_fra Filesystem device=/dev/gorapresjrapid01_vg04/gorapresjrapid01_fra  directory=/gorapr esjrapid01/oracle/FRA fstype=xfs  --group
gorapresjrapid01

pcs cluster sync
=====================
```

Resource Decommission

Thursday, May 18, 2023 7:12 PM

pcs property set maintenance-mode=true

pcs resource delete **gorastdsjrps01**

pcs property set maintenance-mode=false

```
gorastdsjrps01_VirtualIP1      (ocf::heartbeat:IPaddr2):        ORPHANED Started ecsjl0384-n2-cl (unmanaged)
gorastdsjrps01_new.script      (lsb:gorastdsjrps01_new):        ORPHANED Started ecsjl0384-n2-cl (unmanaged)
gorastdsjrps01_temp    (ocf::heartbeat:Filesystem):     ORPHANED Started ecsjl0384-n2-cl (unmanaged)
gorastdsjrps01_soe4    (ocf::heartbeat:Filesystem):     ORPHANED Started ecsjl0384-n2-cl (unmanaged)
gorastdsjrps01_bin     (ocf::heartbeat:Filesystem):     ORPHANED Started ecsjl0384-n2-cl (unmanaged)
gorastdsjrps01_misc    (ocf::heartbeat:Filesystem):     ORPHANED Started ecsjl0384-n2-cl (unmanaged)
gorastdsjrps01_vg01    (ocf::heartbeat:LVM):    ORPHANED Started ecsjl0384-n2-cl (unmanaged)
gorastdsjrps01_vg02    (ocf::heartbeat:LVM):    ORPHANED Started ecsjl0384-n2-cl (unmanaged)
gorastdsjrps01_data    (ocf::heartbeat:Filesystem):     ORPHANED Started ecsjl0384-n2-cl (unmanaged)
gorastdsjrps01_arch    (ocf::heartbeat:Filesystem):     ORPHANED Started ecsjl0384-n2-cl (unmanaged)
gorastdsjrps01_redo    (ocf::heartbeat:Filesystem):     ORPHANED Started ecsjl0384-n2-cl (unmanaged)
```

Change the Cluster resource order

Wednesday, April 26, 2023 10:28 PM

```
pcs property set maintenance-mode=true
pcs resource group add gorapresjrapid01 gorapresjrapid01_vg04 --before gorapresjrapid01.script
pcs resource group add gorapresjrapid01 gorapresjrapid01_fra  --before gorapresjrapid01.script
pcs property set maintenance-mode=false
```

UDCN

Monday, September 19, 2022 4:45 PM

```
pcs resource create soe4oracle_gudorastd02.script lsb:soe4oracle_gudorastd02 op monitor interval=90s --group oracle
pcs resource update soe4oracle_gudorastd02.script op start interval="0s" timeout="300s"
pcs resource update soe4oracle_gudorastd02.script op stop interval="0s" timeout="300s"
pcs resource update soe4oracle_gudorastd02.script op monitor interval="0s" timeout="300s"
pcs resource cleanup

 1002  pcs resource defaults resource-stickiness=500
 1003  pcs constraint show
 1004  pcs constraint location oracle prefers udgotl2070.got.udtrucks.net=200
 1005  pcs constraint location oracle prefers udgotl2071.got.udtrucks.net=100
```

This reordering can be done while the resources are active and running. This will not result in any restarts of the reordered resources.

It is possible to create ordering constraints for resources but these will conflict with the group order when a group exists - which will cause the group to not be started.
Do not create such constraints when resource groups are used.

Create location contraints on a resource group level in an Opt-Out Cluster environment (the equivalent of RHEL5/RHEL6 cluster failoverdomains with nofailback set.)
The higher score node will be the primary location of the resource group. The node with a score of zero indicates that it is available for failover but should not be the primary choice.
Any node with a negative score for a resource cannot run that resource.

Use values of 100 & 200 in a 2-node cluster. If you have a cluster with more nodes you will need to adjust these values 100/200/300/400 depending on where you want your resource group to relocate in case
of 1 or more nodes being unavailable.

```
# pcs constraint location group_myapp1 prefers hostname1-cl=200
# pcs constraint location group_myapp1 prefers hostname2-cl=100

# pcs resource defaults resource-stickiness=500

# pcs constraint show --full
```

```
pcs resource defaults migration-threshold=1
pcs resource defaults resource-stickiness=500
```

Patching

Friday, May 13, 2022 7:05 PM

wget http://lcs01.srv.volvo.com/linux/utils/prepostscript/check_v2.sh

1. disable the resource group,
pcs resource disable aorapreitgc2
2. stop the cluster
pcs cluster stop –all → will stop the cluster in both servers
pcs status

3. patch, upgrade firmware then reboot
4. start the cluster
pcs cluster start –all→ Run this only after successful patching of both nodes
5. Enable the resource
pcs resource enable aorapreitgc2

Note : Patch passive node first after successful reboot then start other node.

If we do not have complete downtime, always start with passive node n2 in our case.

pcs node standby cntsnl0092-n2
pcs status
pcs cluster stop
patch, upgrade firmware then reboot
After n2 is online
pcs cluster start
pcs node unstandby cntsnl0092-n2

pcs node standby cntsnl0092-n1
pcs status
pcs cluster stop
patch, upgrade firmware then reboot
After n1 is online
pcs cluster start
pcs node unstandby cntsnl0092-n1

Moving the resource from n2 to n1,

pcs node standby cntsnl0092-n2-cl
pcs status
pcs node ustandby cntsnl0092-n2-cl

Revert if you have any questions.

Note: Make sure all the Bonded/teaming interfaces are up after patch.

==========

to list the cluster status & details:

clustat

Ask the application team to Stop the application

#disable the service

-d disable

```
clusvcadm -d service:gbsexcomqa
clusvcadm -d service:gbsexcomtest
clusvcadm -d service:gbsjrexcomqa
```

then run stop.sh in segotl1904-n2

```
root@segotl1904-n2# cat stop.sh
#!/bin/bash
clustat
service rgmanager stop
service clvmd stop
sleep 3
service cmirror stop
fence_tool leave
cman_tool leave remove
service cman stop
```

Login to segotl1904-n1

```
root@segotl1904-n1# cat clustart.sh
#!/bin/bash
service cman start
service modclusterd start
service rgmanager start
fence_tool join
cman_tool join
```

```
root@segotl1904-n2# cat clustart.sh
#!/bin/bash
service cman start
service modclusterd start
service rgmanager start
fence_tool join
cman_tool join
```

RUN clustart.sh script on both the servers parallelly,

Check where the resources are in n1 or n2

-e enable

```
clusvcadm -e service:gbsexcomqa
clusvcadm -e service:gbsexcomtest
clusvcadm -e service:gbsjrexcomqa
```

if you wanted to move the resource to n1 then

-r relocate

```
clusvcadm -r service:gbsexcomqa
clusvcadm -r service:gbsexcomtest
clusvcadm -r service:gbsjrexcomqa
```

Stonith cleanup

Monday, May 30, 2022 2:26 PM

Analysis:
After executing the cleanup command, the cluster sends a probe operation for all its resources which is called 'monitor' operation. If the resource fails to respond back within the time mentioned as the monitor timeout, cluster will consider it as failed and then try to stop and start the resource again on the same node on which it was running.
In this case, during recovery, resource 'gorapresjrapid01_vg03' fail to start on local node ecsjl0419-n1-cl and that's why the cluster moves all other resources in the group along with the failure resource gorapresjrapid01_vg03 to the next node ecsjl0419-n2-cl.

From <https://access.redhat.com/support/cases/#/case/03228629>

Wednesday, May 11, 2022 4:24 PM

1. https://www.youtube.com/watch?v=t8pPdKYpowI - Video By Nana
2. https://www.youtube.com/watch?v=rfscVS0vtbw&vl=en - Video by FreeCodeCamp
3. Do Practice in Online Python IDE and in NetApp Labs
4. For More Practice Refer https://www.hackerrank.com/access-account/

IDRAC password reset

Sunday, May 15, 2022 11:11 AM

Hi All

Today I have faced different scenario ,after reset the IDRAC password , I couldn't able to login by mgr/root
Then only got to know we should use the user name whoever had ADMINISRATOR access .

++Addition info

- racadm config -g cfgUserAdmin -o cfgUserAdminPassword -i 2 dol8WORK =➔ it will reset ADMINISTRATOR Password
- ipmitool user list 2 =➔to get the admin list

```
root@segotl4353# ipmitool user list 2
ID  Name             Callin  Link Auth  IPMI Msg   Channel Priv Limit
1                    true    false      false      NO ACCESS
2   WSSBILo          true    true       true       ADMINISTRATOR
3   mgr              true    false      false      NO ACCESS
```

Regards
Muthuraj.P
UNIX OPERATIONS
HCL Technologies Ltd.
Madurai ,Tamilnadu

From: Naresh Deenadayalan <naresh.deenadayalan@hcl.com>
Sent: 05 May 2021 21:51
To: Muthuraj. P <MuthurajP@hcl.com>; Senthilnagamani M <senthilnagamani.m@hcl.com>; Sumith Surendran <SumithSuren.Sum@hcl.com>
Cc: Nagaraj Adinarayana <nagaraj_a@hcl.com>; Venkanna Palakurthi <venkanna_p@hcl.com>
Subject: FW: INC008800280 :Please reset idrack pssword for the servers ecsjl0168-n1 and ecsjl0168-n2

Classification: **Internal**

Hi,

Please use the below command to reset the IDRAC password.

racadm getconfig -u mgr

```
root@ecsjl0168-n2# racadm getconfig -u mgr
#cfgUserAdminIndex=2
cfgUserAdminUserName=mgr
!!cfgUserAdminPassword=******** (Write-Only)
cfgUserAdminEnable=Enabled
cfgUserAdminPrivilege=0x1ff
cfgUserAdminIpmiLanPrivilege=4
cfgUserAdminIpmiSerialPrivilege=4
cfgUserAdminSolEnable=Enabled
```

racadm config -g cfgUserAdmin -o cfgUserAdminPassword -i 2 dol8WORK

```
root@ecsjl0168-n2# racadm config -g cfgUserAdmin -o cfgUserAdminPassword -i 2 dol8WORK
[Key=idrac.Embedded.1#Users.2]
Object value modified successfully


RAC1169: The RACADM "config" command will be deprecated in a
future version of iDRAC firmware. Run the RACADM
"racadm set" command to configure the iDRAC configuration parameters.
For more information on the set command, run the RACADM command
"racadm help set".


root@ecsjl0168-n2#
```

Thanks& Regards,
D. Naresh

From: Naresh Deenadayalan
Sent: Wednesday, May 5, 2021 9:08 PM
To: Muthuraj. P <MuthurajP@hcl.com>; Andreas Pettersson [External] <andreas.pettersson@hcl.com>; Senthilnagamani M <senthilnagamani.m@hcl.com>
Cc: Nagaraj Adinarayana <nagaraj_a@hcl.com>; Venkanna Palakurthi <venkanna_p@hcl.com>
Subject: RE: INC008800280 :Please reset idrack pssword for the servers ecsjl0168-n1 and ecsjl0168-n2

Classification: **Internal**

Hi,

I have done reset from OS using below command and able to login.

Thanks& Regards,
D. Naresh

From: Muthuraj. P <MuthurajP@hcl.com>
Sent: Wednesday, May 5, 2021 8:28 PM
To: Andreas Pettersson [External] <andreas.pettersson@hcl.com>; Senthilnagamani M <senthilnagamani.m@hcl.com>
Cc: Nagaraj Adinarayana <nagaraj_a@hcl.com>; Venkanna Palakurthi <venkanna_p@hcl.com>; Naresh Deenadayalan <naresh.deenadayalan@hcl.com>
Subject: RE: INC008800280 :Please reset idrack pssword for the servers ecsjl0168-n1 and ecsjl0168-n2

Hi

Naresh from JAVA AHS UNIX SO only incident landed in correct group

Regards
Muthuraj.P
UNIX OPERATIONS
HCL Technologies Ltd.
Madurai ,Tamilnadu

From: Andreas Pettersson [External] <andreas.pettersson@hcl.com>
Sent: 05 May 2021 20:26
To: Muthuraj. P <MuthurajP@hcl.com>
Cc: Nagaraj Adinarayana <nagaraj_a@hcl.com>; Venkanna Palakurthi <venkanna_p@hcl.com>; Naresh Deenadayalan <naresh.deenadayalan@hcl.com>
Subject: RE: INC008800280 :Please reset idrack pssword for the servers ecsjl0168-n1 and ecsjl0168-n2

Hello Muthuraj,

Please transfer the ticket INC008800280 to JAVA AHS AS SO so Naresh can get to work on it.

Thank you and regards,
Andreas Pettersson
GOT WINDOWS SERVER HARDWARE 2ND
HCL Technologies

From: Andreas Pettersson [External]
Sent: 05 May 2021 16:38
To: Naresh Deenadayalan <naresh.deenadayalan@hcl.com>
Cc: Nagaraj Adinarayana <nagaraj_a@hcl.com>; Venkanna Palakurthi <venkanna_p@hcl.com>
Subject: RE: INC008800280 :Please reset idrack pssword for the servers ecsjl0168-n1 and ecsjl0168-n2

Hi Naresh,

As I mentioned to Senthil, we do not have access to that management network.

I have added instructions in the ticket for how you can reset the pw from OS. Unfortunately I sent it to the wrong team (JAVA AHS UNIX SO) I have asked them to move the case to JAVA AHS AS SO so you can look in to it.

Regards,
Andreas Pettersson
GOT WINDOWS SERVER HARDWARE 2ND
HCL Technologies

From: Naresh Deenadayalan <naresh.deenadayalan@hcl.com>
Sent: 05 May 2021 16:34
To: Andreas Pettersson [External] <andreas.pettersson@hcl.com>
Cc: Nagaraj Adinarayana <nagaraj_a@hcl.com>; Venkanna Palakurthi <venkanna_p@hcl.com>
Subject: INC008800280 :Please reset idrack pssword for the servers ecsjl0168-n1 and ecsjl0168-n2

Classification: **Internal**

Hi Andreas,

Need your support to reset the password/IDRAC since we are not able to login.

Kindly ping me if you need more information.

```
root@ecsjl0168-n1# nslookup 10.249.129.53
53.129.249.10.in-addr.arpa      name = ecsjl0168-n1-idrac.srv.sj.se.

root@ecsjl0168-n1# nslookup 10.249.129.55
55.129.249.10.in-addr.arpa      name = ecsjl0168-n2-idrac.srv.sj.se.
```

Thanks& Regards,
D. Naresh

ILO IP change using IPMI tool

Wednesday, May 31, 2023 7:39 PM

```
ipmitool lan set 2 ipsrc static
ipmitool lan set 2 ipaddr 172.19.228.174
ipmitool lan set 2 netmask 255.255.255.224
ipmitool lan set 2 defgw ipaddr 172.19.228.190
ipmitool lan set 2 vlan id 264
ipmitool mc reset cold
```

HP -ILO password reset

Thursday, September 1, 2022 7:11 PM

```
# yum install hponcfg.x86_64
# rpm -qf /sbin/hponcfg
#vi passwd_reset_ilo.xml
root@usgsol0191# more passwd_reset_ilo.xml
<RIBCL VERSION="2.0">
<LOGIN USER_LOGIN="admin" PASSWORD="unknown">
<USER_INFO MODE="write">
<MOD_USER USER_LOGIN="admin">
<PASSWORD value="dol8WORK"/>
</MOD_USER>
</USER_INFO>
</LOGIN>
</RIBCL>

#hponcfg -f passwd_reset_ilo.xml -l log.txt



<RIBCL VERSION="2.0">
<LOGIN USER_LOGIN="admin" PASSWORD="unknown">
<USER_INFO MODE="write">
<MOD_USER USER_LOGIN="mgr">
<PASSWORD value="dol8WORK"/>
</MOD_USER>
</USER_INFO>
</LOGIN>
</RIBCL>
```

Interview Questions

Friday, June 3, 2022 3:52 PM

- Linux Booting process? What is the default run level ?
- How do you troubleshoot for user login failure
- What is Device Mapper
- Puppet run in No-Hub- puppet port number
- What are the steps you followed to remove the multipath LUN from OS end
- What is load AVG? how do you troubleshoot when load is high? What value considered you know Load is high
- What is rpm DB? How do you re-build when rpm DB corrupted? Reason for rpm DB corruption?
- Can we extend swap memory? Can be done in online? How?
- How many signals we have in Linux (kill -9)
- Lvextent
- What is bootloader in Linux? How do install if bootloader failed?
- Why we need Physical server? Instead of Virtual server

- What is I/O Wait, how to troubleshoot and Identify what is causing the IO wait high
- I have a custom script, want my script to be executed whenever system is rebooted.
- Write a shell script to check the uptime.
- Load avg ?
- How do you check No of process WAITING for runtime

- What is Zombie process
- How do you clean the duplicate package
- How do you clear the Cache
- Think, you are in P1 call, we are asking you to perform health check for particular system.? What you check
- How do you troubleshoot, when you see df -h hung…
- If I ask you to check what is the total no of openfiles for the particular user.
- Df -h
- What is Selinux
- Cluster
- I have file name /etc/xxx.conf - how do we know which package is created that file.
- Can I use different size HDD for RAID 5?
- How do you check nfs version from client end?

- What is I/O scheduler
- LVM
- How to restore removed logical volume?
- What is the difference yum update and upgrade

1. How do you troubleshoot memory performance issue. Please explain the details.
2. Which tools do you use to troubleshoot high Memory troubleshooting.
3. What are zombie process and how to kill/reclaim them.
4. What are system calls.
5. What is strace used for.
6. Difference between fork and exec in Linux.
7. What is default signal sent by KILL command ?

   Hint =>

   a). singnal 15(SIGTERM) **is**sent **bydefaultif**you **donot**specify the signal type.

What is deadlock ? How to identify if process is in deadlock in Linux/Unix ?

From <https://www.nightwolf.in/nightwolf-cotribution/linux_L3/>

Ask;
Df -h vs df -H
Iostat - dis io

1. Please explain Linux booting processing?
2. Difference between RHEL6 and RHEL7 booting process.
3. Difference between systemd and initd.

Hint => "Systemd" is an enhanced version of "init". "sysytemd" was launched with RHEL 7.x has capability to start the services in parallel. Please refer to below table for more information.

How to troubleshoot the system performance if any Linux system is facing slowness?
What are the inodes and how will you free up them?
How to troubleshoot high memory usageissue on Linux system.
- What is ARP and what is it used for?

What is the difference between these two commands? myvar=hello & export myvar=hello
Explain briefly each one of the process states
How to know which process listens on a specific port?
What is a zombie process and what could be the cause of it?
What is CPU load ? How to calculate the load average on the system?
What the Zombie and Orphan process? How to kill zombie process?
How can you list the contents of a package?
How can you determine which package is better: openssh-server-5.3p1-118.1.el6_8.x86_64 or openssh-server-6.6p1-1.el6.x86_64 ?
How can you limit process memory usage?

22. What does CTRL-c do?
Hint =>
It sends the SIGINT signal to the process, which is technically just a request—most processes will honor it, but some may ignore it.

23. What does CTRL-d **do**?
Hint =>
Close the bash shell. This sends an EOF (**End-of**-file) marker **to** bash, and bash exits

. 24. What does CTRL-z **do**?
Hint =>
Suspend the current foreground process running **in** bash. This sends the SIGTSTP signal **to** the process. **To return** the process **to** the foreground later, use the fg process_name command.

25. What is in /etc/services?
Hint =>
/etc/services contains port number mapping with service name.
What is the difference between Telnet and SSH?

What is a runlevel and how to get the current runlevel?

From <https://www.nightwolf.in/nightwolf-cotribution/linux_L1/>

59. What is default signal sent by KILL command ? Hint => a). singnal 15 (SIGTERM) is sent by default if you do not specify the signal type.

From <https://www.nightwolf.in/nightwolf-cotribution/linux_L1/>

63. Differnce between passwd and shadow file? Hint => /etc/passwd contains details abou User like home directory, shell etc. /etc/shadow conatains User password hashes.

From <https://www.nightwolf.in/nightwolf-cotribution/linux_L1/>

Tools

Wednesday, August 10, 2022 2:55 PM

- Satellite
- Puppet
- Ansible
- IDM
- Docker
- Cloud - AWS, Azure, Google
- Shell Scripting

installation process ?
using ansisble in vm provisioning ?
advantages of automatation ?
how to ensure UAT/dev/test and prod servers get same patches ?
how to ensure storage high availability ?
how to ensure network high availability ?
how to troubleshoot performance issues ?
why containers are getting propular ?
configurations around sssd and pam
what fine grainied control we get by using IDM
PCS cluster
File systems like ext4,xfs NFS and where we can recommend to use ?
if we have cloud, vm infra, physical .... where should we prefer to hos application first and why ?
importance of interoperability of applications

What is a user's $PATH?
What is an inode, and what is it used for? What can you do with an inode?
What is /proc used for? How about /sys?
How do you display which kernel modules are loaded? How do you load a module? Where do you configure it so a module loads on boot? How do you unload a module?
What is "load average"? What intervals is load average shown as? How do you show the load average?
How do you show which ports are being listened on?

Friday, May 24, 2024 12:29 PM

Inode, how do you check the inode Value

How do you check ready only file system?

Which ticketing tool?

How do you identify the Disk after you add new Disk

DISK Latency issue

Tuesday, June 14, 2022 1:15 PM

segot_a9_x1104d0311 - segotl1298
segot_c2_x1003d0221 - segotl4783

segotv00702.got.volvo.net -segotl1298
segotv00700.got.volvo.net -segotl4783

Name: segotl4783.got.volvo.net
Address: 131.97.125.67

Storage team: Increase the R/W throughput value to 900MB/s. which resolved issue.

NFS Filler Issue: INC011463605

Tuesday, August 9, 2022 12:11 AM

- Netapp - OS ONTAP

- NFS Server/filler IP is pingable from Nfs client
- Its intermittent issue
- Found that all the NFS client is having an issue coming from same NFS filler.
- Added below static arp entry to resolve the issue.
  #arp -s 172.19.122.25 02:a0:98:b5:1c:e8
  #arp -d 172.19.122.25

  arp -s 10.221.215.239 02:a0:98:ad:78:8b

  From <https://teams.microsoft.com/multi-window/?agent=electron&version=22073101005>

- Later we found filer IP (172.19.122.25) is configured on system cntsnl0155-n2 and there is a conflict with storage IP
- IP -172.19.122.25 - is removed from server cntsnl0155-n2

  root@cntsnl0092-n1# grep cntsnx1002 /etc/hosts
  172.19.122.25 cntsnx1002

- Nslookup 172.19.122.25 - is pointing to server cntsnl0155-n2. DNS to be updated

VMstat

Tuesday, June 14, 2022 1:44 PM

```
[user@fedora9 ~]$ vmstat 1 5
procs -----------memory---------- ---swap-- -----io---- --system-- -----cpu------
 r  b   swpd   free   buff  cache   si   so    bi    bo   in   cs us sy id wa st
 3  0      0  44712 110052 623096    0    0    30    28  217  888 13  3 83  1  0
 0  0      0  44408 110052 623096    0    0     0     0   88 1446 31  4 65  0  0
 0  0      0  44524 110052 623096    0    0     0     0   84  872 11  2 87  0  0
 0  0      0  44516 110052 623096    0    0     0     0  149 1429 18  5 77  0  0
 0  0      0  44524 110052 623096    0    0     0     0   60  431 14  1 85  0  0
[user@fedora9 ~]$
```

Meaning of the individual Values
(Source man vmstat):
Raw

```
Procs
    r: The number of processes waiting for run time.
    b: The number of processes in uninterruptible sleep.
Memory
    swpd: the amount of virtual memory used.
    free: the amount of idle memory.
    buff: the amount of memory used as buffers.
    cache: the amount of memory used as cache.
    inact: the amount of inactive memory. (-a option)
    active: the amount of active memory. (-a option)
Swap
    si: Amount of memory swapped in from disk (/s).
    so: Amount of memory swapped to disk (/s).
IO
    bi: Blocks received from a block device (blocks/s).
    bo: Blocks sent to a block device (blocks/s).
System
    in: The number of interrupts per second, including the clock.
    cs: The number of context switches per second.
CPU
    These are percentages of total CPU time.
    us: Time spent running non-kernel code. (user time, including nice time)
    sy: Time spent running kernel code. (system time)
    id: Time spent idle. Prior to Linux 2.5.41, this includes IO-wait time.
    wa: Time spent waiting for IO. Prior to Linux 2.5.41, included in idle.
    st: Time stolen from a virtual machine. Prior to Linux 2.6.11, unknown.
```

From <https://access.redhat.com/solutions/1160343>

Monday, October 17, 2022 8:18 PM

INC011898071
segotl5037
inet 153.112.162.224/23
ether 00:50:56:8c:32:c3

segotl5038
inet 153.112.162.225/23
ether 00:50:56:8c:84:72

PingFederate shall be up and running. There might be glitches as segotl5037, segotl5038 are in load balanced mode. One of the servers, segotl5037 will be taken out, the other server shall process the requests. The glitch should not be more than 16 seconds as far as I know for 50% of the connections as the connections are already divided equally between the 2 servers. @Santhosh Kumar Dayalan and @HARI OM, do you know the wait time of the LB before it marks a server down and fails over all the connections to the other server? The VIP in question is 153.112.162.67.

The server segotl0263 is a PingFederate console which is used only by the WAM team, thus taking this out will not cause any issues to the service in itself.

Proxy	Backend	new Backend
http://grouptrucksportal.volvo.com/pmt	http://vtbos_prod.it.volvo.com/pmt	https://gpp-prod.rds.volvo.com/pmt
http://vbos-uat.volvo.com/gpp/	http://vtbos_prod.it.volvo.com/gpp/	https://gpp-prod.rds.volvo.com/gpp/
http://vbos-uat.volvo.com/login	http://vtbos_prod.it.volvo.com/login	https://gpp-prod.rds.volvo.com/login
http://vbos-uat.volvo.com/login/secure/	http://vtbos_prod.it.volvo.com/login/secure/	https://gpp-prod.rds.volvo.com/login/secure/
http://vbos-uat.volvo.com/login/xauth/	http://vtbos_prod.it.volvo.com/login/xauth/	https://gpp-prod.rds.volvo.com/login/xauth/
https://grouptrucksportal.volvo.com/pmt	http://vtbos_prod.it.volvo.com/pmt	https://gpp-prod.rds.volvo.com/pmt
https://secure7.volvo.com/csi/	http://vtbos_prod.it.volvo.com/csi/	https://gpp-prod.rds.volvo.com/csi/
https://vbos-uat.volvo.com/gpp/	http://vtbos_prod.it.volvo.com/gpp/	https://gpp-prod.rds.volvo.com/gpp/
https://vbos-uat.volvo.com/login	http://vtbos_prod.it.volvo.com/login	https://gpp-prod.rds.volvo.com/login
https://vbos-uat.volvo.com/login/secure/	http://vtbos_prod.it.volvo.com/login/secure/	https://gpp-prod.rds.volvo.com/login/secure/
https://vbos-uat.volvo.com/login/xauth/	http://vtbos_prod.it.volvo.com/login/xauth/	https://gpp-prod.rds.volvo.com/login/xauth/

ldapsearch -d1 -xLLL -H ldaps://ldapgot.srv.volvo.com:49815 -b dc=vcn,dc=ds,dc=volvo,dc=net uid=UT05656

ESXi issue update - Network Security Firewall was engaged and performed a sampling change on of the juniper firewall post which most of the appli cations have started working normal

tcpdump -w /tmp/segotl4726.pcap -i ens192 -s 0 -n 'dst net 13.80.70.51 and dst port 443'
tcpdump -w /tmp/techl5235.pcap -i ens192 -s 0 -n 'dst net 10.196.205.28'

tcpdump port 123 -i team0
chronyd -q 'server ntp1.got.volvo.net'

/itmrep/cust/script/UNIX/bin/global_launch_maintenance_server_OS_UNIX.sh -s segotl5038 -c INC011898071 -t 1 -d -m gssd.java.unix.so@hcl.com

ldapsearch -d1 -xLLL -H ldaps://ldapgot.srv.volvo.com:49815 -b dc=vcn,dc=ds,dc=volvo,dc=net uid=a330505

INC011898071
segotl5037
inet 153.112.162.224/23
ether 00:50:56:8c:32:c3

segotl5038
inet 153.112.162.225/23
ether 00:50:56:8c:84:72

Wednesday, March 1, 2023 2:10 PM

```
root@segotl4668# find /wss -mtime -1 -type d -ls |grep -v logs
538791785    0 drwxr-xr-x   4 root     root        271 Feb 28 15:00 /wss/agent/wa-12.52sp1cr10/webagent/samples/forms/prevost_prod
537156641    0 drwxr-xr-x   3 root     root        144 Mar  1 08:34 /wss/proxy/grouptrucksportal_volvo_com/conf
root@segotl4668#
```

Issue is resolved after restarting app service on segotl4669.

watch -n22 " cmviewcl "

==========

dig srv _ldap._tcp.vcn.ds.volvo.net
dig -t SRV _kerberos._tcp.SE-GOT._sites.vcn.ds.volvo.net
nslookup -type=srv _ldap._tcp.SE-GOT._sites.vcn.ds.volvo.net

Cannot allocate memory

Tuesday, February 7, 2023 8:30 PM

Case 03418388 - Red Hat Customer Portal

```
root@segotl3656# ps -aux | awk 'BEGIN {SUM=0} {SUM=SUM+$6} END {print("Sum of VSZ from ps output: "SUM" kB")}'
Sum of VSZ from ps output: 257670216 kB
root@segotl3656#
CommitLimit:    28296896 kB
Committed_AS:   27768000 kB --> actually current running process allocated vsz - keep on update
Kernel calculated this Committed_AS::
```

257670216 + shared memory mappings
27768000 kB

```
root@segotl3656# ps -aux | awk 'BEGIN {SUM=0} {SUM=SUM+$6} END {print("Sum of VSZ from ps output: "SUM" kB")}'
Sum of VSZ from ps output: 13995816 kB
root@segotl3656#
```

```
root@segotl3656# free -h
              total        used        free      shared  buff/cache   available
Mem:           31G        1.4G        6.1G        5.1G         23G         24G
Swap:         2.0G          0B        2.0G
root@segotl3656#
```

User authentication issue

Monday, March 6, 2023 12:53 PM

SRV query failed [11]: Could not contact DNS servers - Red Hat Customer Portal

SAR

Monday, March 6, 2023 3:31 PM

sar -q -f /var/log/sa/sa29 -s 01:00:00 -e 04:00:00

Cluster nodes shutdown

Monday, April 3, 2023 6:10 PM

Remove the infinity Constraints.

```
pcs constraint show --full
pcs constraint remove cli-prefer-gorapresspr18
pcs constraint remove cli-ban-gorapresspr18-on-segotl3472-n1-cl

pcs resource disable gorapresspr17.script
pcs resource disable gorapresspr18.script

pcs resource enable gorapresspr17.script
pcs resource enable gorapresspr18.script


pcs property set maintenance-mode=true
pcs property set maintenance-mode=false

pcs stonith update segotl3472-n1-fence-ilo action=
pcs stonith update segotl3472-n2-fence-ilo action=
```

Failed to execute /sbin/init

Monday, April 10, 2023 7:26 PM

System fails to boot with messages "systemd[1]: Failed to execute /sbin/init, giving up: Permission denied"

How to remove duplicate packages from a failed yum transaction
https://access.redhat.com/solutions/3924551

Tickets

Wednesday, July 27, 2022 6:05 PM

#Techem - Network issue.
INC011253174 - Firewall failover done.

iptables

Monday, June 20, 2022 10:07 PM

iptables -t nat -n -L

Parts LinQ WMS Application

Thursday, November 10, 2022 7:09 PM

Parts LinQ WMS (APM ID 19650)

Application servers:
SEGOTL3605-N1
SEGOTL3605-N2

JBOSS servers:
SEGOTL4270-N1
SEGOTL4270-N2

DB servers:
SEGOTL3594-N1
SEGOTL3594-N2

One of the printers in Lyon was in disabled state. Trigger probably Streamserve P1 INC0015234652. P2 escalated to app team before P1 INC0015234784,INC0015236100

NFS Intermittent issue

Monday, July 17, 2023 3:26 PM

Below nfs IP configured on server segotl5648
Modify IPR:
IPR0079088

Lan team
IPRTASK55995713

VLAN :3599
NFS IP: 172.19.46.140

Remove the duplicate Package

Monday, August 7, 2023 12:16 PM

```
1. Download the duplicaterpms file to your system and place it under /tmp directory.
2. Remove the duplicate packages:
# for i in $(cat /tmp/duplicaterpms); do rpm -e --justdb --nodeps $i; done
3. Then gather fresh rpm -Va and upload the rpm_va2.out and pkgs2.out files to the case.
# rpm -Va &> /tmp/rpm_va2.out
# egrep -v " c | d | g " /tmp/rpm_va2.out| awk '{print $NF}' | sort | uniq | xargs rpm -qf 2>/dev/null | sort | uniq
&> /tmp/pkgs2.out
```

From <https://access.redhat.com/support/cases/#/case/03580974>

Impact Application - INC104986302

Monday, August 28, 2023 12:50 PM

Application slowness:

perform the below actions :
1) Disable LB
2) Stop Apache & Jboss services
3) Stop database
4) Start database
5) Start apache and jboss
6) enable LB
7) Verify app

source:(app servers)
==========
segotl4303-n1.srv.volvo.com
153.112.22.41
ether 00:50:56:8c:8e:87

segotl4303-n2.srv.volvo.com
153.112.22.42
ether 00:50:56:8c:09:83

segotl4303-n3.srv.volvo.com
153.112.22.43
ether 00:50:56:8c:4c:42

segotl4303-n4.srv.volvo.com
153.112.22.44
ether 00:50:56:8c:d5:9b

segotl4303-n5.srv.volvo.com
153.112.22.45
ether 00:50:56:8c:d1:2b

segotl4303-n6.srv.volvo.com
153.112.22.46
ether 00:50:56:8c:7d:07

153.112.22.41 00:50:56:8c:8e:87
153.112.22.42 00:50:56:8c:09:83
153.112.22.43 00:50:56:8c:4c:42
153.112.22.44 00:50:56:8c:d5:9b
153.112.22.45 00:50:56:8c:d1:2b
153.112.22.46 00:50:56:8c:7d:07

Target: DB server

==========
segotl2859
153.112.17.105/24
ether 80:18:44:df:ce:c8

Target:(DB clusteres)
Name: segotl2866.srv.volvo.com
Address: 153.112.17.107
ether 80:18:44:df:cb:80

Name: segotl2859.srv.volvo.com
Address: 153.112.17.105
ether 80:18:44:df:ce:c8

Actions Taken:

Jboss service is restarted on all source servers.
DB service restarted on server segotl2866
DB service failed over to server segotl2859
Server restarted segotl2866
DB service failed over to segotl2866

involved oracle/jboss/redhat
there are inactive connection ->

INC104986302
(HOST=segotl2859.srv.volvo.com)(PORT=1525)

```
tcpdump -w /tmp/segotl4303-n1.pcap -i ens192 -s 0 -n 'dst net 153.112.17.105 and dst port 1525'
tcpdump -w /tmp/segotl4303-n2.pcap -i ens192 -s 0 -n 'dst net 153.112.17.105 and dst port 1525'
tcpdump -w /tmp/segotl4303-n3.pcap -i ens192 -s 0 -n 'dst net 153.112.17.105 and dst port 1525'
tcpdump -w /tmp/segotl4303-n4.pcap -i ens192 -s 0 -n 'dst net 153.112.17.105 and dst port 1525'
tcpdump -w /tmp/segotl4303-n5.pcap -i ens192 -s 0 -n 'dst net 153.112.17.105 and dst port 1525'
tcpdump -w /tmp/segotl4303-n6.pcap -i ens192 -s 0 -n 'dst net 153.112.17.105 and dst port 1525'

tcpdump -i ens192 host 153.112.17.105 -w /tmp/check.pcap &
```

INC0014360134 - Impact application

Monday, October 2, 2023 4:35 PM

Resolution Notes: As part of initial investigation, Support teams have checked all the application nodes on port 8080 and only node 3 seems to be failing. Support teams did a restart of Apache services on node 3 which did not help. As part of ongoing investigation, Teams checked the application on port 3080 and it had load balancer within it, when the application was reached via port 3080 it was redirecting to Node 3 (which was problematic) at times. End users were also trying to reach this application on port 3080 and their requests were also getting redirected to node 3. Hence as part of resolution action, support teams did a restart of Jboss service on node 3 post which the application started working as expected. As requested by business, Incident was kept under monitoring for 30 minutes and received confirmation that it continues to work as expected. Business has agreed to resolve the major and root cause to be identified in the problem ticket.

It should be 8080 - not 30380 testing purpose

segotl4303-n1.srv.volvo.com
segotl4303-n2.srv.volvo.com
segotl4303-n3.srv.volvo.com
segotl4303-n4.srv.volvo.com
segotl4303-n5.srv.volvo.com
segotl4303-n6.srv.volvo.com

port 8080
n1, get login page - works
n2, get login page - works
n3, no login page - doesn't work
n4, get login page - works
n5, get login page - works
n6, get login page - works

port 3080
n1, no login page - doesn't work
n2, no login page - doesn't work
n3, get login page - works
n4, no login page - doesn't work
n5, no login page - doesn't work
n6, no login page - doesn't work

Configured in PingAccess url for testing

segotl4303-n1.srv.volvo.com:8080 - Working
segotl4303-n2.srv.volvo.com:8080 - working
segotl4303-n3.srv.volvo.com:8080 - Not working

n3,n4,n5 & n6 - Apache restarted
n3 -Jboss restarted

==========

```
root@segotl4301-n1# yum history info 71 |grep -i kernel
   Erase   kernel-3.10.0-1160.83.1.el7.x86_64                @rhel-7-server-rpms
   Install kernel-3.10.0-1160.99.1.el7.x86_64                @rhel-7-server-rpms
   Updated kernel-headers-3.10.0-1160.90.1.el7.x86_64        @rhel-7-server-rpms
   Updated kernel-tools-3.10.0-1160.90.1.el7.x86_64          @rhel-7-server-rpms
   Updated kernel-tools-libs-3.10.0-1160.90.1.el7.x86_64     @rhel-7-server-rpms
root@segotl4301-n1#


root@segotl4301-n1# yum history info 72 |grep -i kernel
   Install    kernel-3.10.0-1160.83.1.el7.x86_64             @rhel-7-server-rpms
   Erase      kernel-3.10.0-1160.90.1.el7.x86_64             @rhel-7-server-rpms
   Downgrade  kernel-headers-3.10.0-1160.90.1.el7.x86_64     @rhel-7-server-rpms
   Downgrade  kernel-tools-3.10.0-1160.90.1.el7.x86_64       @rhel-7-server-rpms
   Downgrade  kernel-tools-libs-3.10.0-1160.90.1.el7.x86_64  @rhel-7-server-rpms
root@segotl4301-n1#


root@segotl4301-n1# yum history info 73 |grep -i kernel
```

```
  Updated kernel-headers-3.10.0-1160.90.1.el7.x86_64          @rhel-7-server-rpms
  Updated kernel-tools-3.10.0-1160.90.1.el7.x86_64          @rhel-7-server-rpms
  Updated kernel-tools-libs-3.10.0-1160.90.1.el7.x86_64          @rhel-7-server-rpms
root@segotl4301-n1#


root@segotl4301-n1# rpm -qa |grep kernel
abrt-addon-kerneloops-2.1.11-60.el7.x86_64
kernel-3.10.0-1160.83.1.el7.x86_64
kernel-tools-3.10.0-1160.99.1.el7.x86_64
kernel-tools-libs-3.10.0-1160.99.1.el7.x86_64
kernel-headers-3.10.0-1160.99.1.el7.x86_64
kernel-3.10.0-1160.99.1.el7.x86_64
root@segotl4301-n1#
=============

root@segotl4301-n1# grubby --info=ALL
index=0
kernel=/boot/vmlinuz-3.10.0-1160.83.1.el7.x86_64
args="ro nofb splash=quiet crashkernel=192M rd.lvm.lv=rootvg/rootvol rd.lvm.lv=rootvg/swap01 LANG=en_US.UTF-8"
root=/dev/mapper/rootvg-rootvol
initrd=/boot/initramfs-3.10.0-1160.83.1.el7.x86_64.img
title=Red Hat Enterprise Linux Server (3.10.0-1160.83.1.el7.x86_64) 7.9 (Maipo)
index=1
kernel=/boot/vmlinuz-3.10.0-1160.99.1.el7.x86_64
args="ro nofb splash=quiet crashkernel=192M rd.lvm.lv=rootvg/rootvol rd.lvm.lv=rootvg/swap01 LANG=en_US.UTF-8"
root=/dev/mapper/rootvg-rootvol
initrd=/boot/initramfs-3.10.0-1160.99.1.el7.x86_64.img
title=Red Hat Enterprise Linux Server (3.10.0-1160.99.1.el7.x86_64) 7.9 (Maipo)
index=2
kernel=/boot/vmlinuz-0-rescue-01ff38a892674f1f8148f2cff3a3716e
args="ro nofb splash=quiet crashkernel=auto rd.lvm.lv=rootvg/rootvol rd.lvm.lv=rootvg/swap01 rhgb quiet"
root=/dev/mapper/rootvg-rootvol
initrd=/boot/initramfs-0-rescue-01ff38a892674f1f8148f2cff3a3716e.img
title=Red Hat Enterprise Linux Server (0-rescue-01ff38a892674f1f8148f2cff3a3716e) 7.6 (Maipo)
index=3
non linux entry
You have mail in /var/spool/mail/root
root@segotl4301-n1#
root@segotl4301-n1# grubby --default-kernel
/boot/vmlinuz-3.10.0-1160.83.1.el7.x86_64
root@segotl4301-n1#

grubby --set-default /boot/vmlinuz-5.17.0-00.custom.x86_64

==================
```

segotl4301-n1	RunTime	JBoss server for Impact Application for Prod Node 1
segotl4301-n2	RunTime	JBoss server for Impact Application for Prod Node 2
segotl4302	RunTime	WAS server UAT VFS CMS INDIA
segotl4303-n1	RunTime	JBoss server for Impact Application for Prod Node 1
segotl4303-n2	RunTime	JBoss server for Impact Application for Prod Node 2.
segotl4303-n3	RunTime	JBoss server for Impact Application for Prod Node 3
segotl4303-n4	RunTime	JBoss server for Impact Application for Prod Node 4
segotl4303-n5	RunTime	JBoss server for Impact Application for Prod Node 5
segotl4303-n6	RunTime	JBoss server for Impact Application for Prod Node 6
segotl4304	RunTime	JBoss Server for Impact Application QA-MA
segotl4305-n1	RunTime	JBoss Server for Impact application for Prod Node1
segotl4305-n2	RunTime	JBoss Server for Impact application for Prod Node2. Apache

ARP -incomplete issue

Tuesday, October 10, 2023 3:24 PM

segotl4755
segotl4758

LB IP: 153.112.54.96
Pool IP:
153.112.54.41
153.112.54.42

```
tcpdump -w /tmp/segotl4758-5296-181023-1.pcap -n -i ens192 arp and host 153.112.52.1 or 153.112.52.96
tcpdump -w /tmp/segotl4758-5447-181023-2.pcap -n -i ens192 arp and host 153.112.52.1 or 153.112.54.47
```

ARP Comes before Ping
ARP is Layer 2 switch
PING is Layer 3 switch

```
root@segotl4779-n1# arping -I bond0 -c 2 131.97.103.156
ARPING 131.97.103.156 from 131.97.103.154 bond0
Unicast reply from 131.97.103.156 [2C:EA:7F:E9:D0:B8]  0.746ms
Unicast reply from 131.97.103.156 [2C:EA:7F:E9:D0:B8]  0.810ms
Sent 2 probes (1 broadcast(s))
Received 2 response(s)
root@segotl4779-n1#
```

```
 398  2023-10-18 12:58:03 arping -I ens192 -c 2 153.112.22.252
 399  2023-10-18 12:58:10 arp
 401  2023-10-18 12:58:36 arping -I ens192 -c 2 153.112.22.1
 402  2023-10-18 12:59:50 tcpdump -n -i ens192 arp and host 153.112.22.1 or 153.112.22.252
 403  2023-10-18 13:06:01 arp -n
 405  2023-10-18 13:06:45 arp -n
```

rwtprod.srv.volvo.com - LB URL

16-11-2023

Friday, November 17, 2023 12:07 PM

```
root@segotl3605-n1# last |grep rebo
reboot   system boot  3.10.0-1160.88.1 Thu Nov 16 16:46 - 09:57  (17:10)
reboot   system boot  3.10.0-1160.88.1 Thu Nov 16 16:31 - 09:57  (17:26)
reboot   system boot  3.10.0-1160.88.1 Thu Nov 16 16:11 - 09:57  (17:46)
reboot   system boot  3.10.0-1160.88.1 Thu Nov 16 14:52 - 16:07  (01:15)
reboot   system boot  3.10.0-1160.88.1 Thu Nov 16 14:46 - 16:07  (01:21)
root@segotl3605-n1# date
Fri Nov 17 09:57:56 CET 2023
root@segotl3605-n1#

Nov 16 14:01:39 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: Running stop for /dev/srwms4p_vg01/srwms4p_lv on /srwms4p/apps
Nov 16 14:01:39 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: Trying to unmount /srwms4p/apps
Nov 16 14:01:39 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: ERROR: Couldn't unmount /srwms4p/apps; trying cleanup with TERM
Nov 16 14:01:39 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: sending signal TERM to: root      67995 178138  0 13:54 ?        S      0:00 /bin/sh
/home/srwms4p/monitors/monitors_10m_interval.ksh
Nov 16 14:01:39 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: sending signal TERM to: root      75548      1  0 14:01 ?        S      0:00 sqlplus  -s
@/home/srwms4p/monitors/sql/chk-scmintpurging.sql
Nov 16 14:01:39 segotl3605-n1 dbus[2612]: [system] Activating service name='org.fedoraproject.Setroubleshootd' (using servicehelper)
Nov 16 14:01:40 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: sending signal TERM to: srwms4p  225450      1  0 Oct22 ?        S      0:00 /bin/sh
/srwms4p/apps/srwms4p/dlx/dlxwhsr20191012ur/server/bin/appstart -c  -y
Nov 16 14:01:40 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: sending signal TERM to: srwms4p  225453      1  0 Oct22 ?        S     14:35 sia  -Y
/home/srwms4p//dcs/aps_file


Nov 16 14:01:42 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: ERROR: Couldn't unmount /srwms4p/apps; trying cleanup with TERM

Nov 16 14:01:42 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: sending signal TERM to: root      76802      1  0 14:01 ?        S      0:00 sqlplus  -s
@/home/srwms4p/monitors/sql/chk-blocking_locks.sql


Nov 16 14:01:47 segotl3605-n1 kernel: [19032726.444512] XFS (dm-12): Unmounting Filesystem
Nov 16 14:01:47 segotl3605-n1 kernel: XFS (dm-12): Unmounting Filesystem
Nov 16 14:01:48 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: unmounted /srwms4p/apps successfully
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [ umount: /srwms4p/apps: target is busy. ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [        (In some cases useful info about processes that use ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [         the device is found by lsof(8) or fuser(1)) ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [ ocf-exit-reason:Couldn't unmount /srwms4p/apps; trying cleanup
with TERM ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [ umount: /srwms4p/apps: target is busy. ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [        (In some cases useful info about processes that use ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [         the device is found by lsof(8) or fuser(1)) ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [ ocf-exit-reason:Couldn't unmount /srwms4p/apps; trying cleanup
with TERM ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [ umount: /srwms4p/apps: target is busy. ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [        (In some cases useful info about processes that use ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [         the device is found by lsof(8) or fuser(1)) ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [ ocf-exit-reason:Couldn't unmount /srwms4p/apps; trying cleanup
with TERM ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [ umount: /srwms4p/apps: target is busy. ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [        (In some cases useful info about processes that use ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [         the device is found by lsof(8) or fuser(1)) ]
Nov 16 14:01:48 segotl3605-n1 lrmd[13028]:  notice: srwms4p_lv_stop_0:76057:stderr [ ocf-exit-reason:Couldn't unmount /srwms4p/apps; trying cleanup
with KILL ]
Nov 16 14:01:48 segotl3605-n1 crmd[13032]:  notice: Result of stop operation for srwms4p_lv on segotl3605-n1-cl: 0 (ok)
Nov 16 14:01:48 segotl3605-n1 LVM(srwms4p_vg01)[77069]: INFO: Deactivating volume group srwms4p_vg01
Nov 16 14:01:48 segotl3605-n1 dmeventd[19579]: No longer monitoring mirror device srwms4p_vg01-srwms4p_lv for events.
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-12: remove map (uevent)
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-12: devmap not registered, can't remove
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-12: remove map (uevent)
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-11: remove map (uevent)
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-11: devmap not registered, can't remove
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-11: remove map (uevent)
```

```
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-10: remove map (uevent)
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-10: devmap not registered, can't remove
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-10: remove map (uevent)
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-9: remove map (uevent)
Nov 16 14:01:48 segotl3605-n1 multipathd: dm-9: devmap not registered, can't remove


Nov 16 14:01:48 segotl3605-n1 LVM(srwms4p_vg01)[77069]: INFO:  0 logical volume(s) in volume group "srwms4p_vg01" now active
Nov 16 14:01:48 segotl3605-n1 LVM(srwms4p_vg01)[77069]: INFO: LVM Volume srwms4p_vg01 is not available (stopped)
Nov 16 14:01:48 segotl3605-n1 LVM(srwms4p_vg01)[77069]: INFO: Stripping tag, pacemaker
Nov 16 14:01:48 segotl3605-n1 crmd[13032]:  notice: Result of stop operation for srwms4p_vg01 on segotl3605-n1-cl: 0 (ok)
Nov 16 14:01:48 segotl3605-n1 IPaddr2(srwms4p_rdt_VirtualIP1)[77192]: INFO: IP status = ok, IP_CIP=
Nov 16 14:01:48 segotl3605-n1 crmd[13032]:  notice: Result of stop operation for srwms4p_rdt_VirtualIP1 on segotl3605-n1-cl: 0 (ok)
Nov 16 14:01:48 segotl3605-n1 IPaddr2(srwms4p_VirtualIP1)[77245]: INFO: IP status = ok, IP_CIP=
Nov 16 14:01:48 segotl3605-n1 crmd[13032]:  notice: Result of stop operation for srwms4p_VirtualIP1 on segotl3605-n1-cl: 0 (ok)
```

Tuesday, May 28, 2024 9:03 PM

```
root@segotl4948# cat /test
#!/bin/bash
DATE=$(date "+%Y-%m-%d %H:%M:")
echo "$DATE" >> /tmp/testing/ping_14
echo "$DATE" >> /tmp/testing/ping_15
echo "$DATE" >> /tmp/testing/ping_102
echo "$DATE" >> /tmp/testing/nslookup_mailvolvoapps
echo "$DATE" >> /tmp/testing/nslookup_gorapre10
ping -c 15 192.138.110.14 >> /tmp/testing/ping_14
ping -c 15 192.138.110.15 >> /tmp/testing/ping_15
ping -c 15 153.112.62.102 >> /tmp/testing/ping_102
nslookup mailvolvoapps.it.volvo.com >> /tmp/testing/nslookup_mailvolvoapps
nslookup gorapre10.srv.volvo.com  >> /tmp/testing/nslookup_gorapre10
root@segotl4948#
```

usgsol0369

Wednesday, June 5, 2024 12:54 PM

```
Jun  4 15:21:05 usgsol0369 systemd[1]: Created slice User Slice of UID 68799.
Jun  4 15:21:05 usgsol0369 systemd[1]: Starting User runtime directory /run/user/68799...
Jun  4 15:21:05 usgsol0369 systemd[1]: Started User runtime directory /run/user/68799.
Jun  4 15:21:05 usgsol0369 systemd[1]: Starting User Manager for UID 68799...
Jun  4 15:21:05 usgsol0369 systemd[1510477]: Started Mark boot as successful after the user session has run 2 minutes.
Jun  4 15:21:05 usgsol0369 systemd[1510477]: Reached target Timers.
Jun  4 15:21:05 usgsol0369 systemd[1510477]: Starting D-Bus User Message Bus Socket.
Jun  4 15:21:05 usgsol0369 systemd[1510477]: Reached target Paths.
Jun  4 15:21:05 usgsol0369 systemd[1510477]: Listening on D-Bus User Message Bus Socket.
Jun  4 15:21:05 usgsol0369 systemd[1510477]: Reached target Sockets.
Jun  4 15:21:05 usgsol0369 systemd[1510477]: Reached target Basic System.
Jun  4 15:21:05 usgsol0369 systemd[1510477]: Reached target Default.
Jun  4 15:21:05 usgsol0369 systemd[1510477]: Startup finished in 44ms.
Jun  4 15:21:05 usgsol0369 systemd[1]: Started User Manager for UID 68799.
Jun  4 15:21:05 usgsol0369 systemd[1]: Started Session 28380 of user a259297.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28337 of user a388415.
Jun  4 15:21:45 usgsol0369 systemd[1]: Removed slice system-systemd\x2dhibernate\x2dresume.slice.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping LVM event activation on device 8:48...
Jun  4 15:21:45 usgsol0369 systemd[1]: session-27650.scope: Killing process 1205818 (udt) with signal SIGTERM.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 27650 of user uf05664.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Hardware RNG Entropy Gatherer Daemon...
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28308 of user a234545.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28372 of user a310372.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28341 of user uf0457v.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28323 of user uf0989v.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28333 of user uf05404.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28343 of user a477777.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopped target Timers.
Jun  4 15:21:45 usgsol0369 systemd[1]: dnf-makecache.timer: Succeeded.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopped dnf makecache --timer.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28335 of user a475576.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28345 of user uf9519v.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28211 of user uf04918.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28361 of user a501914.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28207 of user uf06444.
Jun  4 15:21:45 usgsol0369 systemd[1]: session-26585.scope: Killing process 3450038 (udt) with signal SIGTERM.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 26585 of user a403843.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28376 of user uf2959v.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28353 of user a310381.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28251 of user uf8916v.
Jun  4 15:21:45 usgsol0369 systemd[1]: Removed slice system-sshd\x2dkeygen.slice.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping LVM event activation on device 8:32...
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping Session 28367 of user a475458.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopped target Multi-User System.
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping irqbalance daemon...
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping CUPS Scheduler...
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping ITM init script...
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping libstoragemgmt plug-in server daemon...
Jun  4 15:21:45 usgsol0369 systemd[1]: Stopping LSB: IBM Tivoli Monitoring...
Jun  4 15:21:45 usgsol0369 cupsd[1846]: Scheduler shutting down normally.
```

WAM servers

Friday, July 19, 2024 3:24 PM

segotl1127.srv.volvo.com
segotl1128.srv.volvo.com
segotl4450.srv.volvo.com
segotl4451.srv.volvo.com

segotl1129.srv.volvo.com --> Console servers - even if it's down, no impact to application.
Segotl0263.srv.volvo.com

Segotl0264.srv.volvo.com
Segotl0265.srv.volvo.com
Segotl5037.srv.volvo.com
Segotl5038.srv.volvo.com

Monday, June 20, 2022 12:22 PM

FINDINGS:
#########
We observed that both the nodes were reporting that they did not receive the heartbeat token from the other node within the timeout value but the state was getting recovered shortly after and hence node fencing actions were getting triggered.

within the totem token timeout of 5 sec (5000ms)

The node frbourl0012-n2 again logged "FAILED TO RECEIVE" message against the node frbourl0012-n1 which means that the cluster communication messages i.e. the TOTEM token messages, were not received from node frbourl0012-n1 to other cluster node frbourl0012-n2, within the totem token timeout of 5 sec (5000ms). Therefore the cluster went into a state where it sent out messages to discover what nodes were alive, formed a new configuration (membership) consisting of node frbourl0012-n2 only and passed the new membership list to other daemons that interact with members via the cluster stack.
Also, the newly formed member node frbourl0012-n2 took action to fence node frbourl0012-n1 as it left the cluster membership, this results in frbourl0012-n1 being successfully fenced (rebooted) by node frbourl0012-n2 because it is no longer considered a member and it must be disconnected from any shared resources before other node frbourl0012-n2 is able to recover them.

From <https://access.redhat.com/support/cases/#/case/03244986>

Refer:
How to prevent `FAILED TO RECEIVE` on overloaded network used by `corosync`?
https://access.redhat.com/solutions/6310541

From <https://access.redhat.com/support/cases/#/case/03244986>

This can happen for any number of different reasons: the node kernel panicked, the network failed, high load caused the system to become unresponsive, a power failure occurred, someone or something rebooted or powered off the server, etc. The same is discussed in the following KCS article:
A node was fenced after "A processor failed, forming new configuration" in a RHEL 6 or 7 High Availability cluster
https://access.redhat.com/solutions/122293

From <https://access.redhat.com/support/cases/#/case/03244986>

Further checking the totem token timeout value on this cluster, it was found that both the nodes are configured with 2 different token timeout values.

Cluster Node	Coroync.conf Entry	Runtime Value
frbourl0012-n2	300000	300000
frbourl0012-n1	5000	5000

It looks like you have not performed the cluster sync after changing the totem token timeout value.

From <https://access.redhat.com/support/cases/#/case/03244986>

NEXT STEPS:
###########
1. Execute the below command from the cluster node frbourl0012-n2 so that the timeout value of 300000 gets propagated to the other node as well.
pcs cluster sync
pcs cluster reload corosync
How to change totem token timeout value in a RHEL 5, 6, 7, 8 or 9 High Availability cluster?
https://access.redhat.com/solutions/221263

From <https://access.redhat.com/support/cases/#/case/03244986>

```
Yes, your stonith devices are configured to power off the nodes (highlighted below). So whenever a
stonith action is invoked, the cluster will perform a power off action on the problematic node.
~~~
Stonith Devices:
 Resource: frbourl0012-n1-fence-ilo (class=stonith type=fence_ipmilan)
  Attributes: delay=5 ipaddr=frbourl0012-n1-ilo lanplus=1 login=fencer passwd=********
pcmk_host_list=frbourl0012-n1-cl pcmk_reboot_action=off power_wait=4
  Operations: monitor interval=60s (frbourl0012-n1-fence-ilo-monitor-interval-60s)
^^^^^^^^^^^^^^^^^^^^^^
 Resource: frbourl0012-n2-fence-ilo (class=stonith type=fence_ipmilan)
  Attributes: ipaddr=frbourl0012-n2-ilo lanplus=1 login=fencer passwd=********
pcmk_host_list=frbourl0012-n2-cl pcmk_reboot_action=off power_wait=4
  Operations: monitor interval=60s (frbourl0012-n2-fence-ilo-monitor-interval-60s)
^^^^^^^^^^^^^^^^^^^^^^
~~~
You can change the pcmk_reboot_action to "reboot" so that the node is rebooted instead of being
powered off.
# pcs stonith update <stonith-id> pcmk_reboot_action=reboot
```

From <https://access.redhat.com/support/cases/#/case/03244986>

Printer issue on segotl3605-n1

Friday, March 1, 2024 12:10 PM

printer DLX4_LDC_P is idle. enabled since Thu 22 Feb 2024 06:52:36 AM CET
before enabling from the server side below is the status
printer DLX4_LDC_P disabled since Wed 21 Feb 2024 10:50:38 PM CET -
reason unknown
like 1

CUPS in RHEL is unable to communicate with printer - Red Hat Customer Portal

Protocol Name	Protocol scheme	Port
Internet Printing Protocol (IPP)	`ipp://`	631
Socket	`socket://`	9100
Line Printer Daemon (LPD) Protocol	`lpd://`	515

From <https://access.redhat.com/solutions/1539343>

PRB100014026 INC105879393 INC0015262998 - ALL CT60 don't work

Monday, March 4, 2024 7:20 PM

segotl3605-n1

kernel.msgmnb = 16384 - Older version
root@segotl3605-n1# sysctl -a |grep -i kernel.msgmnb
kernel.msgmnb = 262144

Printer enable script

Sunday, May 12, 2024 9:49 PM

Printer enable script..

```
root@segot13605-n1# vim /root/printer_enable-check.sh
root@segot13605-n1# sh -x /root/printer_enable-check.sh
++ date +%Y%m%d%H%M%S
+ NOW=20240512180801
++ lpstat -p
++ egrep DLX3_MEM_PROD_N1
++ grep -i disabled
+ status=
+ '[' 1 == 0 ']'
+ echo 'All printer are already enabled.'
All printer are already enabled.
root@segot13605-n1# /usr/sbin/cupsdisable DLX3_MEM_PROD_N1
root@segot13605-n1# sh -x /root/printer_enable-check.sh
++ date +%Y%m%d%H%M%S
+ NOW=20240512180819
++ lpstat -p
++ egrep DLX3_MEM_PROD_N1
++ grep -i disabled
+ status='printer DLX3_MEM_PROD_N1 disabled since Sun 12 May 2024 06:08:17 PM CEST -'
+ '[' 0 == 0 ']'
+ /usr/sbin/cupsenable DLX3_MEM_PROD_N1
+ sleep 10
root@segot13605-n1# lpstat -p DLX3_MEM_PROD_N1
printer DLX3_MEM_PROD_N1 is idle.  enabled since Sun 12 May 2024 06:08:19 PM CEST
root@segot13605-n1#
root@segot13605-n1#
root@segot13605-n1#
root@segot13605-n1# /usr/sbin/cupsdisable DLX3_MEM_PROD_N1
root@segot13605-n1# lpstat -p DLX3_MEM_PROD_N1
printer DLX3_MEM_PROD_N1 disabled since Sun 12 May 2024 06:08:48 PM CEST -
        Paused
root@segot13605-n1# sh -x /root/printer_enable-check.sh
++ date +%Y%m%d%H%M%S
+ NOW=20240512180859
++ lpstat -p
++ egrep DLX3_MEM_PROD_N1
++ grep -i disabled
+ status='printer DLX3_MEM_PROD_N1 disabled since Sun 12 May 2024 06:08:48 PM CEST -'
+ '[' 0 == 0 ']'
+ /usr/sbin/cupsenable DLX3_MEM_PROD_N1
+ sleep 10
```

```
root@segot13605-n1#
root@segot13605-n1# sh -x /root/printer_enable.sh
++ date +%Y%m%d%H%M%S
+ NOW=20240512182902
++ lpstat -p
++ egrep 'DLX4_EU_P|DLX2_EU_P|DLX4_LDC_P|DLX4_EU_P2|DLX4_LDC_P2|DLX2_EU_P2|DLX3_MEM_PROD_N1|DLX3_LDC_PROD_N1|DLX3_NA_PROD_N1|DLX3_EU_PROD_N1|DLX3_MEM_PROD_N2|DLX3_LDC_PROD_N2|DL
X3_NA_PROD_N2|DLX3_EU_PROD_N2'
++ grep -i disabled
+ status='printer DLX3_EU_PROD_N2 disabled since Sun 12 May 2024 06:25:30 PM CEST -'
+ '[' 0 == 0 ']'
+ cupsenable DLX4_EU_Phist
cupsenable: Operation failed: client-error-not-found
+ sleep 5
+ cupsenable DLX2_EU_P
+ sleep 5
+ cupsenable DLX4_LDC_P
+ sleep 5
+ cupsenable DLX4_EU_P2
+ sleep 5
+ cupsenable DLX4_LDC_P2
+ sleep 5
+ cupsenable DLX2_EU_P2
+ sleep 5
+ cupsenable DLX3_MEM_PROD_N1
+ sleep 5
+ cupsenable DLX3_LDC_PROD_N1
+ sleep 5
+ cupsenable DLX3_NA_PROD_N1
+ sleep 5
+ cupsenable DLX3_EU_PROD_N1
+ sleep 5
+ cupsenable DLX3_MEM_PROD_N2
+ sleep 5
+ cupsenable DLX3_LDC_PROD_N2
+ sleep 5
+ cupsenable DLX3_NA_PROD_N2
+ sleep 5
+ cupsenable DLX3_EU_PROD_N2
+ sleep 5
You have mail in /var/spool/mail/root
root@segot13605-n1# lpstat -p|egrep "DLX4_EU_P|DLX2_EU_P|DLX4_LDC_P|DLX4_EU_P2|DLX4_LDC_P2|DLX2_EU_P2|DLX3_MEM_PROD_N1|DLX3_LDC_PROD_N1|DLX3_NA_PROD_N1|DLX3_EU_PROD_N1|DLX3_MEM_
PROD_N2|DLX3_LDC_PROD_N2|DLX3_NA_PROD_N2|DLX3_EU_PROD_N2" |grep -i disabled
root@segot13605-n1#
root@segot13605-n1#
root@segot13605-n1#
root@segot13605-n1#
root@segot13605-n1# lpstat -p DLX3_EU_PROD_N2
printer DLX3_EU_PROD_N2 is idle.  enabled since Sun 12 May 2024 06:30:07 PM CEST
root@segot13605-n1#
```

To work on the alerting issue for the print queue lp -d DLX4_EU_P and lp -d DLX4_LDC_P
To create script required to test / enable / check on the alert for print queue
To work with Microsoft and fix the automation issues with patching activity
To work on migration of all Streamserve server to the Azure Infra
To increase the RAM for SCCM management point in Volvo from 8GB to 16GB
To work with Firewall team to enable SCCM Infra port for both RDS and VCN Domain

Message queue - Monitoring script

Thursday, June 27, 2024 6:16 PM

```
*/2 * * * *   sh /root/qm.sh > /dev/null 2>&1

root@segotl4089# cat /root/qm.sh
#!/bin/bash
date  >> /var/log/msg_queues.log
for i in `cat /proc/sysvipc/msg |awk '{print $4}'|grep -v '[^ 0-9]'`;
do
if [ $i -ge 200000 ];
then echo "message Queue is reached threshold" >> /var/log/msg_queues.log;
fi;
Done


root@segotl3605-n1# cat /etc/logrotate.d/msg-queues
/var/log/msg_queues.log {
   rotate 10
   size 10M
   weekly
   missingok
   notifempty
   compress
   delaycompress
   copytruncate
   create 0600 root root
}
```

[7:13 PM] Ajaythomas S

Inside the FILES Data:::::

```
[a270582@segotl3605-n1 itm]$ cd klo
[a270582@segotl3605-n1 klo]$ ls -ltr
total 8
-rw-r--r--. 1 root root  53 Sep 26 16:38 print.fmt
-rw-r--r--. 1 root root 386 Sep 26 16:38 print.conf
[a270582@segotl3605-n1 klo]$ cat print.fmt
REGEX print
(.*)
msg $1
timestamp $1 CustomSlot1
END
[a270582@segotl3605-n1 klo]$ cat print.conf
LogSources=/var/log/msg_queues.log
FileComparisonMode=CompareByLastUpdate
UnmatchLog=/usr/libexec/itm/apic/unmatched_logfile_mon_print
BufferEvents=YES
BufEvtPath=/usr/libexec/itm/apic/print.cache
BufEvtMaxSize=14096
ConnectionMode=CO
PollInterval=60
NumEventsToCatchUp=-1
DupDetectionKeyAttributes=msg,CustomSlot1,CustomSlot2
EventSummaryInterval=60
```

EventFloodThreshold=send_first

[7:14 PM] Ajaythomas S

1. Create a folder named 'klo' under /usr/libexec/itm
2. Create 2 files - /usr/libexec/itm/klo/print.conf
   /usr/libexec/itm/klo/print.fmt

```
root@segotl4089# sh -x /tmp/qm.sh
++ cat /tmp/sys
++ awk '{print $4}'
++ grep -v '[^ 0-9]'
+ for i in `cat /tmp/sys |awk '{print $4}'|grep -v '[^ 0-9]'`
+ '[' 0 -ge 20000 ']'
+ for i in `cat /tmp/sys |awk '{print $4}'|grep -v '[^ 0-9]'`
+ '[' 0 -ge 20000 ']'
+ for i in `cat /tmp/sys |awk '{print $4}'|grep -v '[^ 0-9]'`
+ '[' 192713 -ge 20000 ']'
+ echo 'message Queue is reached threshold'
+ for i in `cat /tmp/sys |awk '{print $4}'|grep -v '[^ 0-9]'`
+ '[' 0 -ge 20000 ']'
+ for i in `cat /tmp/sys |awk '{print $4}'|grep -v '[^ 0-9]'`
+ '[' 0 -ge 20000 ']'
+ for i in `cat /tmp/sys |awk '{print $4}'|grep -v '[^ 0-9]'`
+ '[' 0 -ge 20000 ']'
root@segotl4089# cat /tmp/sys
      key     msqid perms     cbytes      qnum lspid lrpid   uid   gid  cuid  cgid     stime     rtime     ctime
  16781478        14   666          0         0 85334 21450 23106 59064 23106 59064 1718561147 1718561148 1715528282
  16781479        15   666          0         0 21450 85334 23106 59064 23106 59064 1718561151 1718561151 1715528282
  16846880        16   777     192713       336 212756 88011 23106 59064 23106 59064 1719491072 1719491071 1715528314
  16846881        17   777          0         0 140894 189653 23106 59064 23106 59064 1719491072 1719491072 1715528314
  16846864        18   777          0         0     0     0 23106 59064 23106 59064         0         0 1715528314
  16846865        19   777          0         0 88011 109292 23106 59064 23106 59064 1719491071 1719491071 1715528314
root@segotl4089# cat /tmp/qlog
message Queue is reached threshold
message Queue is reached threshold
message Queue is reached threshold
message Queue is reached threshold
message Queue is reached threshold
message Queue is reached threshold
message Queue is reached threshold
root@segotl4089#
```

Segotl3605-n1 - issue after OS patch

Monday, July 1, 2024 8:55 AM

Find Missing Packages:

Boot server in Rescue mode:

```
rpm -Va --root=/mnt/sysimage &> /tmp/rpmva.txt
egrep  -v " c | d | g " /tmp/rpmva.txt | awk '{print $NF}' | sort |  uniq |  xargs rpm -qf --root=/mnt/sysimage 2>/dev/null | sort | uniq  |& tee /tmp/pkgs.out
less /tmp/pkgs.txt | wc -l

=====================
BIOS_4CRD2_LN64_2.12.2-2.12.2-21.10.22.noarch
Diagnostics_Application_0G1JH_LN64_6.0_A00_01-6.0-22.06.24.noarch
Diagnostics_Application_5TVPW_LN64_4301A61_4301.62_01-4301A61-21.10.22.noarch
Drivers-for-OS-Deployment_Application_F93HH_LN_21.07.06_A00-21.07.06-22.06.24.noarch
Firmware_GX7MC_LN64_1.15_A05-1.15-21.10.22.noarch
Firmware_VV85D_LN_4.35_A00_06-4.35-21.10.22.noarch
Network_Firmware_4JVHJ_LN_21.81.3-21.81.3-21.10.22.noarch
SAS-Drive_Firmware_YHFVG_LN_EE07_A00-EE07-22.06.24.noarch
SAS-RAID_Firmware_NYKX7_LN_25.5.9.0001_A15-25.5.9.0001-22.06.24.noarch
Systems-Management_Application_D0WYK_LN64_4.1.0.0_A00-4.1.0.0-21.10.22.noarch
TIVsm-BA-7.1.8-0.x86_64
abrt-2.1.11-60.el7.x86_64
audit-2.8.5-4.el7.x86_64
ca-certificates-2022.2.54-74.el7_9.noarch
ca-certificates-2023.2.60_v7.0.306-72.el7_9.noarch
capplanclient-3.5-7.el7.noarch
chrony-3.4-1.el7.x86_64
clustermonitoring-1.0-5.el6.noarch
corosync-2.4.5-7.el7_9.2.x86_64
cronie-1.4.11-25.el7_9.x86_64
crontabs-1.11-6.20121102git.el7.noarch
cups-1.6.3-52.el7_9.x86_64
dell-system-update-1.9.3.0-22.01.00.x86_64
dsucatalog-21.10.22-R4KGK.noarch
filesystem-3.2-25.el7.x86_64
iDRAC-with-Lifecycle-Controller_Firmware_G6W0W_LN_3.30.30.30_A00-3.30.30.30-21.05.01.noarch
iDRAC-with-Lifecycle-Controller_Firmware_YCFHY_LN64_5.00.10.20_A00-5.00.10.20-21.10.22.noarch
invcol_DKVCN_LN64_21_09_200_1155_A00-21.09.00-DKVCN.x86_64
inventoryclient-2.12-2.el7.noarch
itm-6.3.0fp3-1.el7.x86_64
libX11-1.6.7-4.el7_9.x86_64
libX11-1.6.7-5.el7_9.x86_64
libsss_idmap-1.16.5-10.el7_9.15.x86_64
libsss_idmap-1.16.5-10.el7_9.16.x86_64
libsss_sudo-1.16.5-10.el7_9.15.x86_64
libsss_sudo-1.16.5-10.el7_9.16.x86_64
mdatp-101.24042.0002-1.x86_64
nspr-4.34.0-3.1.el7_9.x86_64
nspr-4.35.0-1.el7_9.x86_64
nss-util-3.79.0-1.el7_9.x86_64
nss-util-3.90.0-1.el7_9.x86_64
pcs-0.9.169-3.el7_9.3.x86_64
puppet-3.8.7-1.el7.noarch
python-sssdconfig-1.16.5-10.el7_9.15.noarch
python-sssdconfig-1.16.5-10.el7_9.16.noarch
python-syspurpose-1.24.52-2.el7_9.x86_64
python-syspurpose-1.24.54-1.el7_9.x86_64
qualys-cloud-agent-6.3.0-67.x86_64
resource-agents-4.1.1-61.el7_9.20.x86_64
samba-common-4.10.16-25.el7_9.noarch
screen-4.1.0-0.27.20120314git3c2946.el7_9.x86_64
setroubleshoot-server-3.2.30-8.el7.x86_64
splunkforwarder-9.0.9-6315942c563f.x86_64
```

srvadmin-cm-9.1.0-17.12.00.x86_64
srvadmin-omacs-10.1.0.0-4561.18274.el7.x86_64
srvadmin-omilcore-10.1.0.0-4561.18274.el7.x86_64
sssd-common-1.16.5-10.el7_9.16.x86_64
subscription-manager-1.24.54-1.el7_9.x86_64
sysstat-10.1.5-20.el7_9.x86_64
systemd-219-78.el7_9.9.x86_64
systemd-libs-219-78.el7_9.7.x86_64
systemd-libs-219-78.el7_9.9.x86_64
tsmcfg-1.3-15.el7.noarch
==========
Copy all the packages to working node/tmp/pkgs.txt
cd /tmp/na
yumdownloader $(cat /tmp/pkgs.txt)

Copy all the downloaded packages to node-1
rpm -ivh --replacefiles --replacepkgs *.rpm --root=/mnt/sysimage
rpm -ivh --replacefiles --replacepkgs *.rpm --root=/mnt/sysimage --nodeps
rpm -ivh --replacefiles --replacepkgs *.rpm --root=/mnt/sysimage --nodeps --force

Once installed all packages, we are good.

Duplicate packages:

yum check &> /tmp/yumcheck
grep "duplicate" /tmp/yumcheck | awk '{ print $NF }' | egrep -v "\:" > /tmp/duplicaterpms

```
root@localhost.localdomain# yum check &> /tmp/yumcheck
root@localhost.localdomain# grep "duplicate" /tmp/yumcheck | awk '{ print $NF }' | egrep -v "\:" > /tmp/duplicaterpms
root@localhost.localdomain# more /tmp/duplicaterpms
ca-certificates-2022.2.54-74.el7_9.noarch
libX11-1.6.7-4.el7_9.x86_64
libX11-common-1.6.7-4.el7_9.noarch
libsss_idmap-1.16.5-10.el7_9.15.x86_64
libsss_sudo-1.16.5-10.el7_9.15.x86_64
nspr-4.34.0-3.1.el7_9.x86_64
nss-util-3.79.0-1.el7_9.x86_64
python-sssdconfig-1.16.5-10.el7_9.15.noarch
python-syspurpose-1.24.52-2.el7_9.x86_64
systemd-libs-219-78.el7_9.7.x86_64
root@localhost.localdomain#

root@localhost.localdomain# grep "duplicate" /tmp/yumcheck | awk '{ print $NF }' | egrep ":" | awk -F':' '{ print $NF }' >> /tmp/duplicaterpms
root@localhost.localdomain# for i in $(cat /tmp/duplicaterpms); do rpm -e --justdb --nodeps $i; done
root@localhost.localdomain# rpm -qa |grep nss
openssh-clients-7.4p1-23.el7_9.x86_64
nss-softokn-freebl-3.90.0-6.el7_9.i686
jansson-2.10-1.el7.x86_64
openssl-1.0.2k-26.el7_9.x86_64
nss-sysinit-3.90.0-2.el7_9.x86_64
openssh-server-7.4p1-23.el7_9.x86_64
nss-pem-1.0.3-7.el7_9.1.x86_64
nss-util-3.90.0-1.el7_9.x86_64
nss-softokn-3.90.0-6.el7_9.x86_64
nss-tools-3.90.0-2.el7_9.x86_64
libsss_nss_idmap-1.16.5-10.el7_9.16.x86_64
openssh-7.4p1-23.el7_9.x86_64
openssl-libs-1.0.2k-26.el7_9.x86_64
nss-softokn-freebl-3.90.0-6.el7_9.x86_64
nss-3.90.0-2.el7_9.x86_64
root@localhost.localdomain# rpm -qa |grep nss-util
nss-util-3.90.0-1.el7_9.x86_64
root@localhost.localdomain#
```

Monday, June 20, 2022 4:39 PM

Raise INC to GLB WINDOWS SBC 2ND to restore the sds account to Hx account

Group creation in SDS domain OU [sds.hclgss.com\CS\UNIX\Groups]

Free IPA- IDM

Time is very important - between client and server.

Verify the krb5 file

```
root@segotl6329# export KRB5_CONFIG=/etc/krb5.conf
root@segotl6329# kinit sumith.surendran
kinit: Client 'sumith.surendran@IDM.IT.HCLGSS.COM' not found in Kerberos database while getting initial credentials
root@segotl6329# kinit sumith.surendran@sds.hclgss.com
Password for sumith.surendran@sds.hclgss.com:
root@segotl6329#
```

Login to 6204

```
[sumith.surendran@sds.hclgss.com@segotl6204 ~]$ ipa host-show
ipa: ERROR: cannot connect to 'any of the configured servers': https://segotl6204.idm.it.hclgss.com/ipa/json, https://segotl6205.idm.it.hclgss.com/ipa/json
[sumith.surendran@sds.hclgss.com@segotl6204 ~]$
```

#kinit admin
#ipa host-find --sizelimit=0
#ipa host-find --sizelimit=0 |grep -I "Host name:"
#ipa host-show <server.fqdn>

Temporary root access is not there for now

```
[sumith.surendran@sds.hclgss.com@segotl6204 ~]$ ipa group-show  hcl_unix_bsm_high_users
  Group name: hcl_unix_bsm_high_users
  Description: BSM unix group to administer unix BSM Tools
  GID: 718200026
  Member groups: hcl_unix_bsm_high_users_a
  Member of Sudo rule: hcl_unix_bsm_high_rule
  Member of HBAC rule: allow_hcl_unix_jumphost_basic_hbac, hcl_unix_bsm_high_hbac
[sumith.surendran@sds.hclgss.com@segotl6204 ~]$
```

```
[sumith.surendran@sds.hclgss.com@segotl6204 ~]$ ipa hostgroup-show hcl_unix_bsm_high_nodes
  Host-group: hcl_unix_bsm_high_nodes
  Description: GSS BSM team root access
  Member hosts: segotl6219.it.hclgss.com, segotl6223.it.hclgss.com, segotl6224.it.hclgss.com, segotl6225.it.hclgss.com, segotl6226.it.hclgss.com,
                segotl6227.it.hclgss.com, segotl6106.it.hclgss.com, segotl6107.it.hclgss.com, segotl6108.it.hclgss.com, segotl6109.it.hclgss.com,
                segotl6228.it.hclgss.com, segotl6229.it.hclgss.com, segotl6218.it.hclgss.com, segotl6186.it.hclgss.com, segotl6188.it.hclgss.com,
                segotl6189.it.hclgss.com, segotl6192.it.hclgss.com, segotl6193.it.hclgss.com, segotl6190.it.hclgss.com, segotl6191.it.hclgss.com,
                segotl6187.it.hclgss.com, segotl6261.it.hclgss.com, segotl6262.it.hclgss.com, segotl6263.it.hclgss.com, segotl6264.it.hclgss.com,
                segotl6265.it.hclgss.com, segotl6266.it.hclgss.com, segotl6267.it.hclgss.com, segotl6270.it.hclgss.com, segotl6271.it.hclgss.com,
                segotl6272.it.hclgss.com, segotl6273.it.hclgss.com, segotl6052.it.hclgss.com, segotl6053.it.hclgss.com, segotl6324.it.hclgss.com,
                segotl6325.it.hclgss.com, segotl6326.it.hclgss.com, segotl6328.it.hclgss.com, segotl6329.it.hclgss.com, segotl6330.it.hclgss.com,
                segotl6331.it.hclgss.com, segotl6332.it.hclgss.com, segotl6333.it.hclgss.com, segotl6334.it.hclgss.com, segotl6335.it.hclgss.com,
                segotl6336.it.hclgss.com, segotl6337.it.hclgss.com, segotl6338.it.hclgss.com, segotl6339.it.hclgss.com, segotl6340.it.hclgss.com,
                segotl6341.it.hclgss.com, segotl6342.it.hclgss.com, segotl6343.it.hclgss.com, segotl6344.it.hclgss.com, segotl6345.it.hclgss.com,
                segotl6346.it.hclgss.com, segotl6347.it.hclgss.com, segotl6349.it.hclgss.com, segotl6350.it.hclgss.com, segotl6351.it.hclgss.com,
                segotl6352.it.hclgss.com, segotl6364.it.hclgss.com, segotl6365.it.hclgss.com, segotl6367.it.hclgss.com, segotl6368.it.hclgss.com,
                segotl6366.gss.hcl.com
  Member of Sudo rule: hcl_unix_bsm_high_rule
  Member of HBAC rule: hcl_unix_bsm_medium_hbac, hcl_unix_bsm_high_hbac
[sumith.surendran@sds.hclgss.com@segotl6204 ~]$
```

```
[sumith.surendran@sds.hclgss.com@segotl6204 ~]$ ipa hbacrule-show allow_hcl_unix_jumphost_basic_hbac
  Rule name: allow_hcl_unix_jumphost_basic_hbac
  Service category: all
  Enabled: TRUE
  User Groups: hcl_unix_bsm_high_users, hcl_unix_gssecurityfw_users, hcl_unix_infradesign_users, hcl_unix_infrainstallation_users, hcl_unix_infraoper_users,
               hcl_unix_oracle_high_users, hcl_unix_oracle_medium_users, hcl_unix_presto_high_users, hcl_unix_tsm_high_users, hcl_unix_tsm_medium_users,
               hcl_unix_aom_high_users, hcl_unix_itm_high_users, hcl_unix_itm_basic_users, hcl_unix_bsm_medium_users
  Host Groups: hcl_unix_jumphost_basic_nodes
[sumith.surendran@sds.hclgss.com@segotl6204 ~]$
```

GLB WINDOWS AD INFRA MGMT 2ND

--> Raise INC to AD team to rest the sds account.

[IT Environment Program - IT Segregation projects (sharepoint.com)]

[IT Segregation - jump host access.xlsx] --> New account creation- Update the user information in sheet and raise INC to "GLB WINDOWS AD INFRA MGMT 2ND"

```
[sumith.surendran@sds.hclgss.com@segotl6204 ~]$ ipa sudorule-find | grep "Rule name:"
  Rule name: hcl_unix_ansiblehclgss_high_rule
  Rule name: hcl_unix_ansibletower_high_rules
  Rule name: hcl_unix_aom_high_rule
  Rule name: hcl_unix_aporacle_medium_rule
  Rule name: hcl_unix_bsm_high_rule
  Rule name: hcl_unix_db2netcool_high_rule
  Rule name: hcl_unix_gssecurityfw_high_rule
  Rule name: hcl_unix_iam_high_rule
  Rule name: hcl_unix_itm_basic_rule
  Rule name: hcl_unix_itm_high_rule
  Rule name: hcl_unix_itm_medium_rule
  Rule name: hcl_unix_momaemma_high_rule
  Rule name: hcl_unix_momaemma_medium_rule
  Rule name: hcl_unix_netcool_high_rule
  Rule name: hcl_unix_oracle_high_rule
  Rule name: hcl_unix_oracle_medium_rule
  Rule name: hcl_unix_postgres_high_rule
  Rule name: hcl_unix_presto_high_rule
  Rule name: hcl_unix_root_high_rule
  Rule name: hcl_unix_s390_high_rule
  Rule name: hcl_unix_smokeping_high_rule
  Rule name: hcl_unix_storage_high_rule
  Rule name: hcl_unix_tsm_high_rule
  Rule name: hcl_unix_tsm_medium_rule
  Rule name: temporary_for_lab_scom
[sumith.surendran@sds.hclgss.com@segotl6204 ~]$
```

Host category: ALL - all the servers part of IDM will have access.

```
root@segotl6204.idm.it.hclgss.com# ipa hbacrule-show allow_hcl_unix_infraoper_high_hbac
  Rule name: allow_hcl_unix_infraoper_high_hbac
  Host category: all
  Service category: all
  Enabled: TRUE
  User Groups: hcl_unix_infraoper_users
root@segotl6204.idm.it.hclgss.com#
```

Command Category: All

```
root@segotl6204.idm.it.hclgss.com# ipa sudorule-show hcl_unix_root_high_rule
  Rule name: hcl_unix_root_high_rule
  Description: root/all access
  Enabled: TRUE
  Host category: all
  Command category: all
  RunAs User category: all
  User Groups: hcl_unix_infradesign_users, hcl_unix_infrainstallation_users, hcl_unix_infraoper_users
root@segotl6204.idm.it.hclgss.com#
```

```
root@segotl6204.idm.it.hclgss.com# ipa sudocmdgroup-show hcl_unix_tsm_medium_sudo
  Sudo Command Group: hcl_unix_tsm_medium_sudo
  Member Sudo commands: /tsm_menu
root@segotl6204.idm.it.hclgss.com#
```

21-06-2022

Tuesday, June 21, 2022 4:36 PM

Login to 6204 idm portal

23-06-2022

Thursday, June 23, 2022 4:56 PM

```
root@segotl4348.idm.wcar-g.net# ipactl status
Directory Service: RUNNING
krb5kdc Service: RUNNING
kadmin Service: RUNNING
httpd Service: RUNNING
ipa-custodia Service: RUNNING
pki-tomcatd Service: RUNNING
smb Service: RUNNING
winbind Service: RUNNING
ipa-otpd Service: RUNNING
ipa: INFO: The ipactl command was successful
root@segotl4348.idm.wcar-g.net#
```

If any of these service is failure run the below command to start.
#ipactl restart --ignore-service-failure
#klist - to list the kerberos ticket cache

```
[sumithsuren.sum@segotl4348 ~]$ /bin/ldapsearch -x -H ldap://127.0.0.1 -D "cn=directory manager" -w idmwcar123 "nsds5ReplConflict=*" \*nsds5ReplConflict
# extended LDIF
#
# LDAPv3
# base <dc=idm,dc=wcar-g,dc=net> (default) with scope subtree
# filter: nsds5ReplConflict=*
# requesting: *nsds5ReplConflict
#

# search result
search: 2
result: 0 Success

# numResponses: 1
[sumithsuren.sum@segotl4348 ~]$
```

```
root@segotl4348.idm.wcar-g.net# /sbin/ipa-replica-manage list -v
segotl4351.idm.wcar-g.net: master
segotl4349.idm.wcar-g.net: master
segotl4348.idm.wcar-g.net: master
segotl4350.idm.wcar-g.net: master
```

Check the replica difference: if any replica difference run the force sync if that not helps then go for re-initialize

manually sync and re-initialize from other masters

ipa-replica-manage force-sync --from segotl4348.idm.wcar-g.net
ipa-replica-manage re-initialize --from segotl4348.idm.wcar-g.net

==========
ipactl status
ipactl restart --ignore-service-failure

kinit <ipa-username>@IDM.WCAR-G.NET
svc.hclidm@wcar.wirelesscar.com
klist

/bin/ldapsearch -x -H ldap://127.0.0.1 -D "cn=directory manager" -w idmwcar123 "nsds5ReplConflict=*" *nsds5ReplConflict
extended LDIF
#
LDAPv3
base <dc=idm,dc=wcar-g,dc=net> (default) with scope subtree
filter: nsds5ReplConflict=*
requesting: *nsds5ReplConflict
#
search result
search: 2
result: 0 Success

[sumithsuren.sum@segotl4348 ~]$ sipaco /sbin/ipa-replica-manage list -v
segotl4351.idm.wcar-g.net: master
segotl4349.idm.wcar-g.net: master
segotl4348.idm.wcar-g.net: master

segotl4350.idm.wcar-g.net: master

How do i check if the replica servers are properly replicating ?, all the servers are up to date data?.

[sumithsuren.sum@segotl4348 ~]$ /bin/ds-replcheck -D "cn=directory manager" -m ldap://127.0.0.1 -r ldap://segotl4349.idm.wcar-g.net -b dc=idm,dc=wcar-g,dc=net -w idmwcar123 --ignore "krbloginfailedcount,krblastfailedauth"
Result is same on all 3 servers,
Result
==========
There are replication differences between Master and Replica.

manually sync and re-initialize from other masters

ipa-replica-manage force-sync --from segotl4348.idm.wcar-g.net
ipa-replica-manage re-initialize --from segotl4348.idm.wcar-g.net
==========

nslookup -querytype=SRV _x-puppet._tcp._puppet3masters.srv.volvo.com

ldapsearch -x -H ldap://segotl2882.srv.volvo.com -b "ou=People,ou=BuyWay,dc=vcn,dc=ds,dc=volvo,dc=net" 'uid=*' uid | awk '/^uid/ {print}' | grep -i buywa07

==========

1. SEGOTL4348 IDM Master
2. SEGOTL4349 IDM Replica 1
3. SEGOTL4350 IDM Replica 2

swuitch to IDM--
kinit admin
idmwcar123

find the user exist or not
sudo ipa user-show sandeepkumar.chanda
user add
echo "Hcl@123#" | ipa user-add --first=Bharath --last=m --email=m.bharath@hcl.com --password --gecos"m bharath" m.bharath

ipa group-add-member hcl_unix_unix_high_users --users=m.bharath

to change the passwd
ipa user-mod --password m.bharath

21-07-2023

Thursday, July 21, 2022 5:11 PM

export http_proxy="http://a330505:Mokku@1986@httppxgot.srv.volvo.com:8080"
export https_proxy="http://a330505:Vichumotu@2021@httppxgot.srv.volvo.com:8080"

From <https://teams.microsoft.com/multi-window/?agent=electron&version=22060614805>

Topics

Friday, June 24, 2022 7:53 PM

https://hclo365-my.sharepoint.com/:v:/g/personal/sntanu_s_hcl_com/Ed-1phKV_31FnaKThE3QnikBJECH7Ai8UPDhlgEYPucGWg
https://hclo365-my.sharepoint.com/:v:/g/personal/sntanu_s_hcl_com/ER4_EeBSc0JAhHJIOFdKpe0BVb0NAn_wdUiypUSTHyzJQg
https://hclo365-my.sharepoint.com/:v:/g/personal/sntanu_s_hcl_com/EeB8YwM3OoFHiO6dm6jRBvwB_IzhuHrMaAPRyTMQq8uyNQ
https://hclo365-my.sharepoint.com/:v:/g/personal/sntanu_s_hcl_com/Edd75WfdQOxJuY65XoA_7-oBXbV1SB1BQICip3iA3-SYlw

sntanu.s@hcl.com

Days	Topics
Day 1	
	Pre-Assessment Test
	Discussion on Program Logic and Technique (PLT)
	Requirement of PowerShell
	Discussion on variables, constant, condition and loop using Flow Chart Technique
	Discussion on command Lets and aliases on PowerShell with practical examples
	PowerShell basic operators and layouts with practical examples
	Q &A
Day 2	
	Discussion on pipeline and store the output in CSV/text with different practical examples for Windows
	Core command lets and store output is CSV /text with different practical examples on Active Directory
	Requirements of conditions (if.elseif..else) and switch) and apply command lets with PowerShell for Windows and Active Directory
	Operators and filtering with PowerShell for Windows and Active Directory with examples
	Practical exercises. Q&A
Day 3	
	Requirement of loops with different examples
	Usage of input file (CSV) and store the output into CSV using example. Apply Try and Catch. Usage of Join and Split
	Generate outputs from the remote servers and store the output into CSV with examples
	Practical exercises. Q&A
Day 4	
	Requirement of function, parameters and arguments. Usage of function, attributes and parameters with example
	Creation of Log files using function as an example
	Usage of WMI with examples
	Build logic as per given scenario by applying input file, functions and command lets on Active Directory/Windows
	Scenario based discussions on Active Directory/Windows in which PowerShell will help to increase the productivity of the project

27/06/2022

Monday, June 27, 2022 5:35 PM

IPO Cycle
variable - Namespace reserved in memory

1. So, you cannot change the constant and read-only variable
2. Read-only variable can be deleted forcefully but constant cannot deleted

Remove the variable

3. Set-content - create a file (nullify)

   To list the file

Add the content

Clear the content of the file

Set alias name : env variable

If you type np1 - you will get notepad opened.

Create a new variable

Remove the env variable

get-process - list process
get-content logfile.log - cat file
get-childitem - is to list directory like ls -ld

Set-location - change the location

Write-host -- like echo
Write-output -- write to the file

Get-service - tabler format by default

Sleep

28/06/2022

Tuesday, June 28, 2022 5:44 PM

Ansible configuration

Wednesday, July 27, 2022 6:37 PM

```
::::::::::::::
~/.ansible.cfg
::::::::::::::
[defaults]
timeout = 30
#command_warnings = true
forks = 10
command_warnings = false
host_key_checking = false
inventory = /home/a330505/.ansible/hosts
vault_password_file =  /home/a330505/.vault
log_path = /home/a330505/log/ansible.log

[ssh_connection]
ssh_args = -F /home/a330505/ssh.cfg

::::::::::::::
~/ssh.cfg
::::::::::::::
Host segotl0837.srv.volvo.com
Hostname segotl0837.srv.volvo.com
User a330505
IdentityFile  /home/a330505/.ssh/id_rsa

Host *
  ProxyCommand ssh -W %h:%p a330505@segotl0837.srv.volvo.com
  ServerAliveInterval 120

::::::::::::::
~/.ssh/id_dsa -- in ansible server crate key as a user.
::::::::::::::

::::::::::::::
segotl0837:~/.ssh/authorized_keys
::::::::::::::
need to update with id_dsa.pub

create /home/re7w07c/log
create /home/re7w07c/.ansible
p
::::::::::::::
~/.vault
::::::::::::::
yyyyyyyyy


### ansible-vault  create ~/.ansible/group_vars/all
::::::::::::::
~/.ansible/group_vars/all
::::::::::::::


ansible_ssh_user: a330505
ansible_ssh_pass: March@2020
ansible_sudo_pass: March@2020
```

ansible-vault edit ~/.ansible/group_vars/all

get hosts ip entry https://ahs-java-so-dashboard.got.volvo.net/pub/re7w07c/form05.php

```
::::::::::::::
~/.ansible/hosts
::::::::::::::

[lab3]
segotl0836 ansible_host=153.112.6.40 ansible_connection=ssh
segotl0837 ansible_host=153.112.6.41 ansible_connection=ssh

::::::::::::::
playbook.yml
::::::::::::::
---
- hosts: all
  become: yes
  become_method: sudo
  tasks:
    - name: running hostname info commands
      shell: |
        hostname
        id
      register: hostname
      ignore_errors: True
    - name: removing old hostname info file
      local_action: file path={{ playbook_dir }}/{{ inventory_hostname  }}.txt state=absent
    - name: storing hostname info
      local_action: copy content={{ hostname.stdout }} dest={{ playbook_dir }}/{{ inventory_hostname }}.txt mode=0644 owner=a305205
```

Cat

```
[rhel8]
segotl5606 ansible_python_interpreter=/usr/bin/python3
```

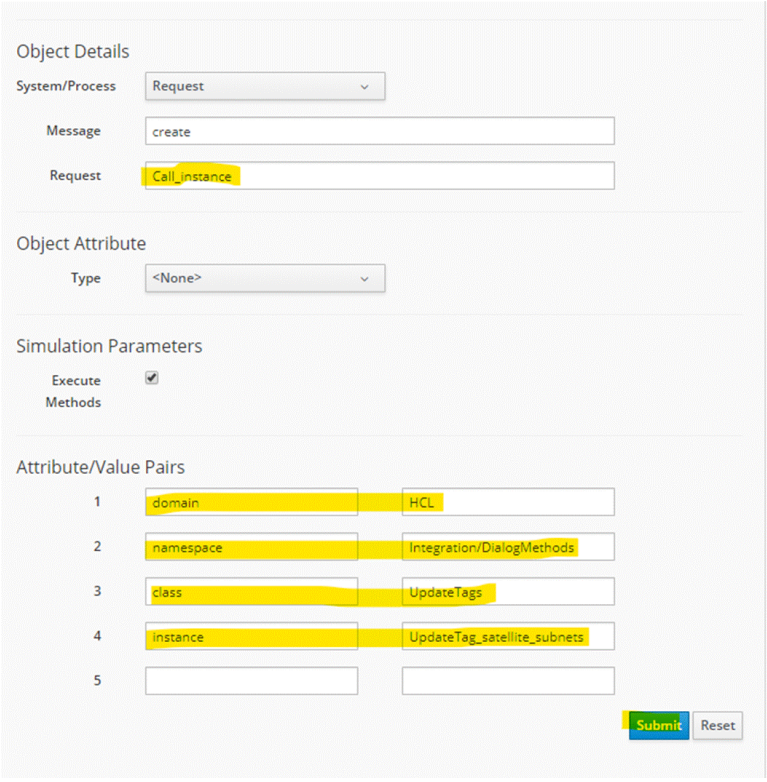
CFME sync job

Tuesday, January 17, 2023 11:37 AM

Call_instance

domain HCL
namespace Integration/DialogMethods
class UpdateTags
instance UpdateTag_satellite_subnets

/HCL/Integration/DialogMethods/UpdateTags/UpdateTag_satellite_subnet



Not secure | https://segotl2789.it.volvo.com/ops/explorer

RED HAT CLOUDFORMS MANAGEMENT ENGINE

Go to my start page

172.27.36 0/0

Naresh | segotl2789

- Settings
  - CFME Region: Region 1 [1]
    - Analysis Profiles
      - host default
      - host sample
      - sample
    - Zones
      - Zone: Default Zone
        - Server: segotl2792 [1000000000001]
      - Zone: Fabric Zone
      - **Zone: UI Zone (current)**
        - **Server: segotl2789 [1000000000007] (current)**
        - Server: segotl2790 [1000000000006]
      - Zone: Volvo Openshift Zone
    - Schedules
      - schedule update of tag: satellite_hostgroups
      - schedule update of tag: satellite_subnets
- Access Control
- Diagnostics
- Database

Settings Region "Region 1 [1]"

Details | C & U Collection | Tags | Red Hat Updates | Replication | Help Menu

HCL Categories | HCL Tags | Import Tags | Import Variables | Map Tags

Choose a Category

Category	subnets in satellite
Long Description	subnets in satellite
Show in Console	true

subnets in satellite Entries

Name	Description	Actions
<New Entry>	<Click on this row to create a new entry>	Add
105_7	techem got_ext1_dmz 10.196.74.0/255.255.255.224	Delete
106_7	techem got_ext1_dmz 10.196.74.32/255.255.255.224	Delete
107_7	techem got_ext1_dmz 10.196.74.64/255.255.255.224	Delete
108_7	techem got_ext1_dmz 10.196.74.96/255.255.255.224	Delete
109_7	techem got_ext1_dmz 10.196.74.128/255.255.255.224	Delete
110_7	techem got_ext1_dmz 10.196.74.160/255.255.255.224	Delete
111_7	techem got_ext1_dmz 10.196.74.192/255.255.255.224	Delete
112_7	techem got_ext1_dmz 10.196.74.224/255.255.255.224	Delete
113_7	techem got_ext1_dmz 10.196.75.0/255.255.255.224	Delete
114_7	techem got_ext1_dmz 10.196.75.32/255.255.255.224	Delete
115_7	techem got_ext1_dmz 10.196.75.64/255.255.255.224	Delete
116_7	techem got_ext1_dmz 10.196.75.96/255.255.255.224	Delete

samba is actively serving clients

Monday, August 8, 2022 1:51 PM

Below is the initial list of servers where samba is actively serving clients.

segotl4228
segotl1930
segotl1900
segotl2216
segotl2836
sesdel205-n2
segotl1923
segotl2950
segotl4746
segotl0415
segotl4706
segotl2803
plwrol0009
segotl0288
segotl0412
seudvl0001
segotl3480
segotl1899
segotlab0825
segotl1924
sesdel205-n1
segotl1252
segotl0416
mxtlal006
brctal0031
segotl1932
segotl0559
segotl3576
segotl2951
inblrl0019
segotl2031
usgsol0375
segotl2946
segotl2040

segotl4860
uswsnl0178
segotl4991
usgsol0373
segotl3566
uswsnl0372
segotl2945
usgsol0374
segotl0299
caseu2l303

KT session on new SZ creation and DICA cluster

Friday, September 2, 2022 12:54 PM

HCL_GSS_MD_GOT <SMN> to host ILO Idrac in GSS

RedHat_MD <SMN> in volvo to host ILO

https://ahsp.sp.srv.volvo.com/sites/UnixDoc/_layouts/15/start.aspx#/UnixWiki/GeneralOSPuppetHiera.aspx

vgcfgrestore

Friday, September 16, 2022 8:36 AM

Case 03315155 - Red Hat Customer Portal

```
[root@udgotl2053 ~]# lvs |grep volgroup00-udgotl2053-tsmstg01
  /dev/mapper/udgotl2053_stg05: Checksum error at offset 705536
  Couldn't read volume group metadata from /dev/mapper/udgotl2053_stg05.
  Metadata location on /dev/mapper/udgotl2053_stg05 at 705536 has invalid summary for VG.
  Failed to read metadata summary from /dev/mapper/udgotl2053_stg05
  Failed to scan VG from /dev/mapper/udgotl2053_stg05
  /dev/mapper/udgotl2053_dbbackup02: Checksum error at offset 108544
  Couldn't read volume group metadata from /dev/mapper/udgotl2053_dbbackup02.
  Metadata location on /dev/mapper/udgotl2053_dbbackup02 at 108544 has invalid summary for VG.
  Failed to read metadata summary from /dev/mapper/udgotl2053_dbbackup02
  Failed to scan VG from /dev/mapper/udgotl2053_dbbackup02
  Couldn't find device with uuid 1CMf1I-qaZU-iUMQ-fIJo-Hq3y-6Rsh-YoF1tP.
  Couldn't find device with uuid eluZpq-ru4r-Oc1m-HdDU-KVkG-ucas-1gARAa.
  dbbackup01 volgroup00-udgotl2053-tsmstg01 -wi-----p-    3.12t
  dbbackup02 volgroup00-udgotl2053-tsmstg01 -wi-----p-    3.12t
  stg01      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg02      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg03      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg04      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg05      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg06      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg07      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg08      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg09      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg11      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg14      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
  stg15      volgroup00-udgotl2053-tsmstg01 -wi-----p-   10.00t
```

Alright so as long as this VG metadata that has mismatch exists it will cause an issue restoring. So I am going to wipe the metadata on it and restore

I am only writing into the disk enough to wipe LVM metadata, this will not effect data or filesystem at all

```
1027  dd if=/dev/mapper/udgotl2053_dbbackup02 of=/tmp/dbbackup02.out bs=1k count=1
 1028  dd if=/dev/zero of=/dev/mapper/udgotl2053_dbbackup02 bs=1k count=1
 1029  vgextend --restoremissing volgroup00-udgot12053-tsmstg01 /dev/mapper/udgotl2053_dbbackup02
 1030  pvs
 1031  pvcreate --restorefile /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg --uuid eluZpq-ru4r-Oc1m-HdDU-KVkG-ucas-1gARAa /dev/mapper/udgotl2053_dbbackup02 -ff
 1032  pvs
 1033  dd if=/dev/mapper/udgotl2053_stg05 of=/tmp/stg05.out bs=1k count=1
 1034  dd if=/dev/zero of=/dev/mapper/udgotl2053_stg05 bs=1k count=1
 1035  pvcreate --restorefile /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg --uuid 1CMf1I-qaZU-iUMQ-fIJo-Hq3y-6Rsh-YoF1tP /dev/mapper/udgotl2053_stg05 -ff
 1036  pvs
 1037  lvs
 1038  vgs
 1039  pvs
 1040  vgextend --restoremissing volgroup00-udgotl2053-tsmstg01 /dev/mapper/udgotl2053_dbbackup01
 1041  vgextend --restoremissing volgroup00-udgotl2053-tsmstg01 /dev/mapper/udgotl2053_dbbackup02
 1042  pvs
```

```
 1043  vgcfgrestore --file  /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg volgroup00-udgotl2053-tsmstg01 --force
 1044  clear
 1045  pvs
 1046  lvs
 1047  vgs
 1048  vgchange -ay volgroup00-udgotl2053-tsmstg01
 1049  lvs
 1050  history
 1051  df -ThP
```

==========

```
1000  chmod 777 /var/tmp/sosreport-udgotl2055-2022-09-15-zljqygr.tar.xz
 1001  dd if=/dev/mapper/udgotl2053_stg05 of=/tmp/stg05.dd bs=1M count=10
 1002  dd if=/dev/mapper/udgotl2053_dbbackup02 of=/tmp/dbbackup02.dd bs=1M count=10
 1003  wipefs /dev/mapper/udgotl2053_stg05
 1004  wipefs /dev/mapper/udgotl2053_dbbackup02
 1005  chmod 777 /tmp/stg05.dd /tmp/dbbackup02.dd
 1006  ls -l /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg
 1007  date
 1008  cat /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg
 1009  ls -l /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg
 1010  ls -l /etc/lvm/backup/volgroup00-udgotl2053-tsmstg01*
 1011  ls -l /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg
 1012  vgcfgrestore --file  /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg volgroup00-udgotl2053-tsmstg01
 1013  vgcfgrestore --file  /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg volgroup00-udgotl2053-tsmstg01 --force
 1014  vgs
 1015  pvs
 1016  pvcreate --restorefile /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg --uuid eluZpq-ru4r-Oc1m-HdDU-KVkG-
ucas-1gARAa /dev/mapper/udgotl2053_dbbackup02 -ff
 1017  pvcreate --restorefile /etc/lvm/archive/volgroup00-udgotl2053-tsmstg01_47369-197814225.vg --uuid 1CMf1I-qaZU-iUMQ-fIJo-
Hq3y-6Rsh-YoF1tP /dev/mapper/udgotl2053_stg05 -ff
 1018  pvs
 1019  vgextend --restoremissing volgroup00-udgot12053-tsmstg01
 1020  vgextend --restoremissing volgroup00-udgot12053-tsmstg01 /dev/mapper/udgotl2053_dbbackup02
 1021  vgs
 1022  wipefs /dev/mapper/udgotl2053_dbbackup02
```

Automation INC's

Friday, September 16, 2022 3:29 PM

- ITM service restart

Error 1 - mkisofs

Thursday, September 22, 2022 1:03 PM

Error: mkisofs not found: exec: "mkisofs": executable file not found in $PATH
Error: mkisofs not found: exec: "mkisofs": executable file not found in $PATH

Resolution:

Installed:
genisoimage-1.1.11-39.el8.x86_64 libusal-1.1.11-39.el8.x86_64

Complete!
root@segotl4027# yum install genisoimage

Wednesday, September 28, 2022 9:00 PM

Registration Comments → **Finished**

Git Fundamentals

VILT 1491163

Revision: 1 - 9/22/2022 03:43:20 PM IST

Start Date: 10/5/2022 07:30:00 PM IST

End Date: 10/6/2022 11:30:00 PM IST

Capacity: 24 enrolled, 0 waitlisted

Price: Free

From <https://hcl.plateau.com/learning/user/common/processRegistrationComments.do?OWASP_CSRFTOKEN=8KY4-4JO2-FMG5-W6EZ-J0KF-KFGD-M53E-TVOF>

Registration Comments → **Finished**

Google Cloud Architect Training

EL 1486749

Revision: 1 - 7/15/2022 01:35:46 PM IST

Start Date: 10/5/2022 11:30:00 AM IST

End Date: 10/14/2022 12:30:00 PM IST

Capacity: 45 of 100 enrolled, 0 waitlisted

Price: Free

From <https://hcl.plateau.com/learning/user/common/processRegistrationComments.do?OWASP_CSRFTOKEN=8KY4-4JO2-FMG5-W6EZ-J0KF-KFGD-M53E-TVOF>

Learning portal

Monday, April 24, 2023 8:12 PM

https://chat.openai.com/

Kernel remove

Tuesday, October 11, 2022 8:38 PM

yum remove $(yum repoquery --installonly --latest-limit=-2 -q) --> RHEL 8

package-cleanup -y --oldkernels --count 2 --> RHEL 7

UDCN cluster issue

Friday, July 5, 2024 12:04 PM

We received the update below from Redhat .....
- As soon a monitor operation for a resource fails, the resource will stop and start on the same node as per the current settings (migration-threshold = infinity https://docs.redhat.com/en/documentation/red_hat_enterprise_linux/7/html/high_availability_add-on_reference/s1-resourceopts-haar#s1-resourceopts-HAAR) . As all the resources including the Oracle db is in the same resource group , all the resources were stopped and started - Upon checking further , we also noticed the following : https://access.redhat.com/solutions/1299213 How can I prevent a managed resource from failing back to its original location automatically when the preferred node rejoins a Red Hat High Availability cluster with Pacemaker?

i. You may set a resource-stickiness parameter to provide an affinity of resources towards 1 node : NEEDS TO BE PERFORMED OFFLINE

$ pcs resource defaults resource-stickiness=500

ii. Inorder to move the resources after the first failure , you may set migration-threshold value to 1: CAN BE PERFORMED ONLINE

$pcs resource defaults migration-threshold=2

iii. We notice that you have lsb resources in cluster . You can verify if they are lsb compliant: https://clusterlabs.org/pacemaker/doc/2.1/Pacemaker_Administration/html/agents.html#lsb-resource-agents-init-scripts Can an LSB-compliant script be used as a resource in Pacemaker clusters? (https://access.redhat.com/solutions/753443)

iv. ***** Validating the Cluster packages version across the nodes *****

ALERT : All cluster nodes are not running on same cluster package version.
Mismatch of cluster packages version is not supported. Please refer KCS: https://access.redhat.com/articles/3069091 .

Package 'pcs-' is not same across the cluster nodes.

```
Node                Package version
-------------------------------------------------------
udgotl2226          pcs-0.9.169-3.el7_9.1.x86_64
udgotl2225          pcs-0.9.169-3.el7_9.3.x86_64
```

Package 'resource-agents' is not same across the cluster nodes.

```
Node                Package version
-------------------------------------------------------
udgotl2226          resource-agents-4.1.1-61.el7_9.13.x86_64
udgotl2225          resource-agents-4.1.1-61.el7_9.18.x86_64
```

Package 'corosync-2' is not same across the cluster nodes.

```
Node                Package version
-------------------------------------------------------
udgotl2226          corosync-2.4.5-7.el7_9.1.x86_64
udgotl2225          corosync-2.4.5-7.el7_9.2.x86_64
```

v. One thing we noticed is , that you have 2 resources which is mounting the same fs at the same mount point : If this was a mistake , then you can remove the last one resource online : $ pcs resource delete fs_lv_oracle_fra

```
Resource: fs_fra (class=ocf provider=heartbeat type=Filesystem)
  Attributes: device=/dev/vg_oracle_fra/lv_oracle_fra directory=/oracle/FRA fstype=xfs
  Operations: monitor interval=20s timeout=40s (fs_fra-monitor-interval-20s)
              notify interval=0s timeout=60s (fs_fra-notify-interval-0s)
              start interval=0s timeout=60s (fs_fra-start-interval-0s)
              stop interval=0s timeout=60s (fs_fra-stop-interval-0s)


 Resource: fs_lv_oracle_fra (class=ocf provider=heartbeat type=Filesystem)
  Attributes: device=/dev/vg_oracle_fra/lv_oracle_fra directory=/oracle/FRA fstype=xfs
  Operations: monitor interval=20s timeout=40s (fs_lv_oracle_fra-monitor-interval-20s)
              notify interval=0s timeout=60s (fs_lv_oracle_fra-notify-interval-0s)
              start interval=0s timeout=60s (fs_lv_oracle_fra-start-interval-0s)
              stop interval=0s timeout=60s (fs_lv_oracle_fra-stop-interval-0s)
```

vi. The cluster has INFINITY score constraints configured which gets added using `pcs resource move` command. It is recommended to clear these constraints in downtime window. Refer KCS: https://access.redhat.com/solutions/1325593 . The following commands can be used:

```
~~~
# pcs resource clear lv_oracle_bkp
# pcs resource clear sbd_fencing
```

chrony

Tuesday, October 18, 2022 12:14 PM

[How to Sync Time on Linux System using Chrony (linuxbuzz.com)]

Nagaraj - to be discussed

Thursday, June 15, 2023 6:20 PM

- Aarthi - RCA call - TSM server issue - done

- https://ahs-java-so-dashboard.got.volvo.net/SNOW/index.php?queue=Java
- Change Dashboard - Waiting for SNOW Migration

- UNIX - Dashboard Migration
- UDCN - FS threshold email
- PROD Physical server - Re-installation

My-On Going Work

Monday, December 18, 2023 6:36 PM

- Ansible UDCN Patching
- Segotl1979 - about NFS- Migration - 24/01/24
- Segotl4089 - server OS-reinstallation

- UNIX - Dashboard Migration
- UDCN - FS threshold email - - 24/01/24
- Review the KB Article
- Soe4oracle - startup issue

  Segotl1918 - issue
  segotl0866 - ref

  root@segotl0866# grep -i Default- /etc/init.d/soe4oracle
  # Default-start...: 3 5
  # Default-stop....: 1 2 4 6

  segotl1918
  /etc/init.d/soe4oracle:# default_start...: 3 5
  /etc/init.d/soe4oracle:# default_stop....: 1 2 4 6

- Follow the Azure Portal access
- UNIX_ORACLEDBA_MEDIUM - Requests are completed.
- Two redhat cases to be updated for RCA

  wms printer
  Metric
- segotl3602 - Re-installation - Arka is taking care, QoS is disabled, CPU will be added.
- /var issue with MS case, Venkat is working it
- shabeer - Handover Azure nodes
- work with Ramesh/Vignesh to perform this pritner test weekend - Completed
- servers to be re-installed -> rootvg having two disks --> Completed
- Discuss with Sruya - Audit
- FW: 2024 FCA VICS IT Audit - Infrastructure Brazil -> **USGSOL0399**
- Hadoop server - test cases done
- Discuss with Kote about LUN - encryption
- RE: Patching UDP hybrid Linux
- Sent email for local admin password reset for all Azure node servers
- REQ101473675 - Check with Faros to close
- Ask Jagadish to update the rhel9 cluster conf in wiki

- SZ=**VGOT2180302481LDAPRODRZCI - Send email to Benoit**
- **NFS file system mount 8TB**
- **Add-** kernel.shmmax and kernel.shmall in pre-check script
- RE: INC0014476888 - Segotl4321 Issue with Hugepages

  Segotl1074 --> /opt/was/prd/profiles/wp3202/installedConnectors/ to be restored
  Banner /etc/motd for all hotel servers
  Azure server root password reset
  Emergency portal access- Enhancement

Work on Problem tickets

- **With Ajay**
- **With stephane**

- **Puppet is not pushing default password:**
- **FIO link to be up-to-date - done**

Check with Brahm VICS IT server list

cyberark

Wednesday, November 2, 2022 12:36 PM

Volvo_CyberArk_Support group in SNOW

This Document defines the method of adopting or calling cyberark puppet module on RHEL servers.

We have 2 puppet infrastructure for puppet… puppet3 and puppet5.

How to enable cyberark module on any RHEL server?

➔

Identify the server to be made part of the cyberark. Example servera
Get the FQDN of server, example: servera.example.com.
Identify to which puppet infrastructure it is pointed to.
On relevant puppet infrastructure's hiera, create hostlevel yaml file and ensure below lines present.

```
usermgmt::rootpass::disable: 'true'
cyberark::cyberark: 'true'
```

Further push the code to GIT.

Actions taken from module:

1) It will check whether 2 local users cyberarklogon and cyberarkreconcile present on server or not,
   If not present it will create users with registered UID and GID(registered on UID app). And will set the password which are known from cyberark team.
   If present, no action will be taken.
2) Ensures ssh access to those users from sources decided/declared from cyberark team.

VolvoCyberArkruntime@hcl.com
a_akanksh@hcl.com
basant.p@hcl.com

a334645@proxymng@segotl0836.srv.volvo.com@PSMP-VIP.got.volvo.net

a330505@a334645#vcn.ds.volvo.net@segotl0836.srv.volvo.com@PSMP-VIP.got.volvo.net

a330505@a334645#vcn.ds.volvo.net@segotl0837.srv.volvo.com@PSMP-VIP.got.volvo.net

pri_acc@sec_acc#vcn.ds.volvo.net@FQDN@PSMP-VIP.got.volvo.net

Format: pri_acc@sec_acc#vcn.ds.volvo.net@FQDN@PSMP-VIP.got.volvo.net
Example: a330505@a334645#vcn.ds.volvo.net@usgsol0369.volvocf.com@PSMP-VIP.got.volvo.net

"C:\Program Files (x86)\EngineCopy\putty.exe" -ssh a330505@a334645#vcn.ds.volvo.net@segotl0836.srv.volvo.com@PSMP-VIP.got.volvo.net

a330505@a334645@segotl5224.got.volvo.net@segot

Sos report?
Scp?
Git access
There are many servers it's not on-boarded

Possible to increase the Timeout?

- SZ/server name/IP change - how the cyberark will work after Change…
- Lock out? Root user to release…

Hiera update

Wednesday, December 7, 2022 5:45 PM

```
cd hieradata-prod/hosts/

cp /home/a330505/cybe* .
./cyberark_script

for i in $(cat Besagent2.lst); do echo "$i parameter"; cat hieradata-pup5/hosts/host_$i*; done

for i in $(cat Besagent2.lst); do cat BesDeploy.txt >> hieradata-pup5/hosts/host_$i*; done
```

Team Huddle

Wednesday, December 6, 2023 8:09 PM

Reg: Ansible failure alerts - are we reporting to Arka?

Backup Failure alerts - Baskar Identified file system is not mounted, asked him to raise IPR to remove the file system from backup clopset.

I am seeing multiple human errors now a days, Very simple, let me ask one question. what you will do if you don't do

03683183 (DSMC consuming more on server segotl5191-n1)

Why are we not responding to DB team, they have separate Channel

INC Ticket handling?

And team, if you reach me for any quires not only me to anyone for help, kindly do some analysis, read the description 10 tim es to understand the requirement.

@sandeep- I have received your emails, will review all the documents and confirm through email

frblail0017-n2

=====

Pavan asked to send an email to storage team ppdl,
@Prakash - is swap creation on azure node is tested?
F5Backup
Reg: Ansible Automation

===

Sandhya --> Not discussing with Sandhya,
Since you already which is managing different why can't you assign inc to them, instead asking sandhya to assign, it will ma ke more hope count
INC0014813036
INC0014827707

Who is having backup server access

==========

https://volvoitsm.service-now.com/

RHEL 9 - will be on-boarded

==========
CHG000476265 - JAVA AHS UNIX SO
brctal0024/brctal0025/brctal0026 ==> 7th January – 2024 11:00 PM CET to 08th January – 2024 11:00 AM CET.
CHG000476276 - CTASK000678183 - JAVA AHS UNIX SO
brctal0017/brctal0018/brctal0042n1,n2 ==> 08th January – 2024 11:00 PM CET to 09th January – 2024 11:00 AM CET

Hiera server??
If we get reboot of TSM Server, Please take action. ???

Shitij sent email?

==========
Pls join the Change discussion call Friday at 6

Why are we raising Standard change for NFS file system extension?
Why Normal change for Prod servers - its prod

==========

Change Description should have all the information:

Explain: UNIX DASH-Board
UDCN File System Threshold Report

Azure - PCS cluster - Email from Mats

==========
Puppet
OS re-installation pre-check

INC0015504906: frblail0018-n1 -- Reboot Failed

==========

We don't have person who was in weekend, there is no use of talking weekend updates here…

Very poor handling request, no proper handover, no responsibility ,
Firewall service is running,
gateway is not configured well
After os upgrade, Patching is not completed
Selinux issue, no one worked why????? Who added hiera entry to keep selinux is permissive mode?
Finally, I added needed group,restored /etc/auto.master file, autofs file system - most of them is missing…
Backup is missed still?

Updates - regarding disk controller
redhat update- very poor, when system is down and working with vendor, you should be check vendor update every 5/10mins once.
Here, we worked every 40Mins-1hours once, there is really bad way of working….we are losing time right…

Cntsnl0115 -server issue - nvme card, I hve been asking/following its rebooted or not.
Regarding Amul server- inblr - 3 days downtime,

Azure server /var issue - why no permanent fix? Is it not possible?
You should make all your queries, connect with seniors, your mentors get your doubts clarified, get more knowledge

Way of working needs to be changed , if you are comfortable with your way of work, I am ok because I cannot comment you, hey, you work like this,

If you are planning Change ticket, you should have all the information, when implementor is asking something, it's not check with Naresh.
how should I have information, which you planned.

Regarding Responsibility - Very poor co-ordination with Red hat.

I supporting when I am in travelling, I connected in mobile, told, login to this server, they are logging to citrix , its not with only one person--->
If somebody is asking something, first don't panic. if you don't know also.

Then, N/W issue --> citirx is not even connecting, teams call is not connected, lot of dis-connections, waiting for him, its all time delay..
Please you should have good connection…

Why no On-call? -> Need this to be prepared and want them to be available at the time.

No-exec -in /tmp parameter

==========>
8.8 select while downloading image for re-installing server.
RE: dekonl0009 || Server hung
22nd May @5 PM IST for quick demo on Vcenter connection from CyberArk.

==========

CyberArk - connectivity
Vmrc connection
Document sent for Enable the LVM after RHEL 9 upgrade
CHG000511021 - Puppet file system extension:

Login to CMS server --> HANA
IRS -
Basic check tool
Login any windows server ->
User access review -->
Login server to root- locked…

====>
Please add signature when you update in UDCN red hat case.

Discuss about KB article update
VolvoHCL - How to get server access (service-now.com)

Temporary Root access

- Need support for azure server root password reset
- Is faros request completed
- CyberArk password

====
Regarding Azure portal access: we don't required supplier ID

Add CyberArk user Manually

Monday, December 18, 2023 5:16 PM

Step:1 To verify the group
egrep "23404|23405" /etc/passwd; egrep "23549|23550" /etc/group

Step 2: Add Group
groupadd -g 23550 cyberarkreconcile; groupadd -g 23549 cyberarklogon

Step3: Add user and passwrod:
useradd -u 23404 -g 23549 -c "cyberark Account" cyberarklogon ; useradd -u 23405 -g 23550 -c "cyberark admin account" cyberarkreconcile
echo "Volvo123" | passwd --stdin cyberarkreconcile; echo "Volvo123" | passwd --stdin cyberarklogon

Step4: Update the access.conf
+ : cyberarklogon : LOCAL 131.97.23.41 131.97.23.42 131.97.23.43 131.97.23.44 131.97.23.46 131.97.23.45 131.97.23.36 131.97.2 3.38 131.97.23.34 131.97.23.35
+ : cyberarkreconcile : LOCAL 131.97.23.41 131.97.23.42 131.97.23.43 131.97.23.44 131.97.23.46 131.97.23.45 131.97.23.36 131. 97.23.38 131.97.23.34 131.97.23.35

Step5: Take sudo file backup and then edit visudo

#cyberark mandatory local account to reset passwd if not sync anymore
cyberarkreconcile ALL = (root) NOPASSWD: /usr/bin/passwd
########CyberArk user ####
cyberarkreconcile ALL = (root) NOPASSWD: /usr/bin/pwdadm

Segotl4089 - OS reinstallation

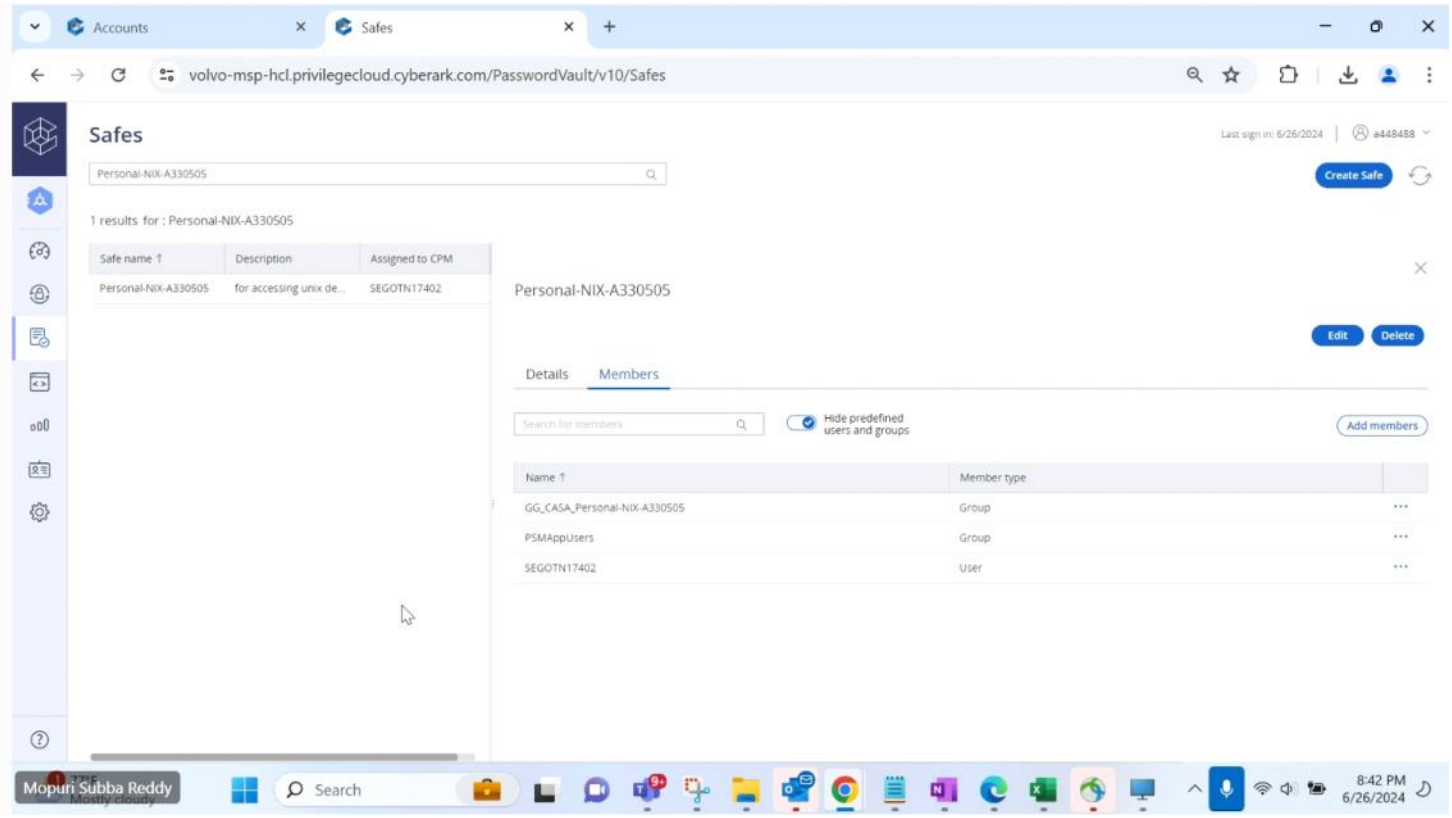
Monday, January 29, 2024 12:47 PM

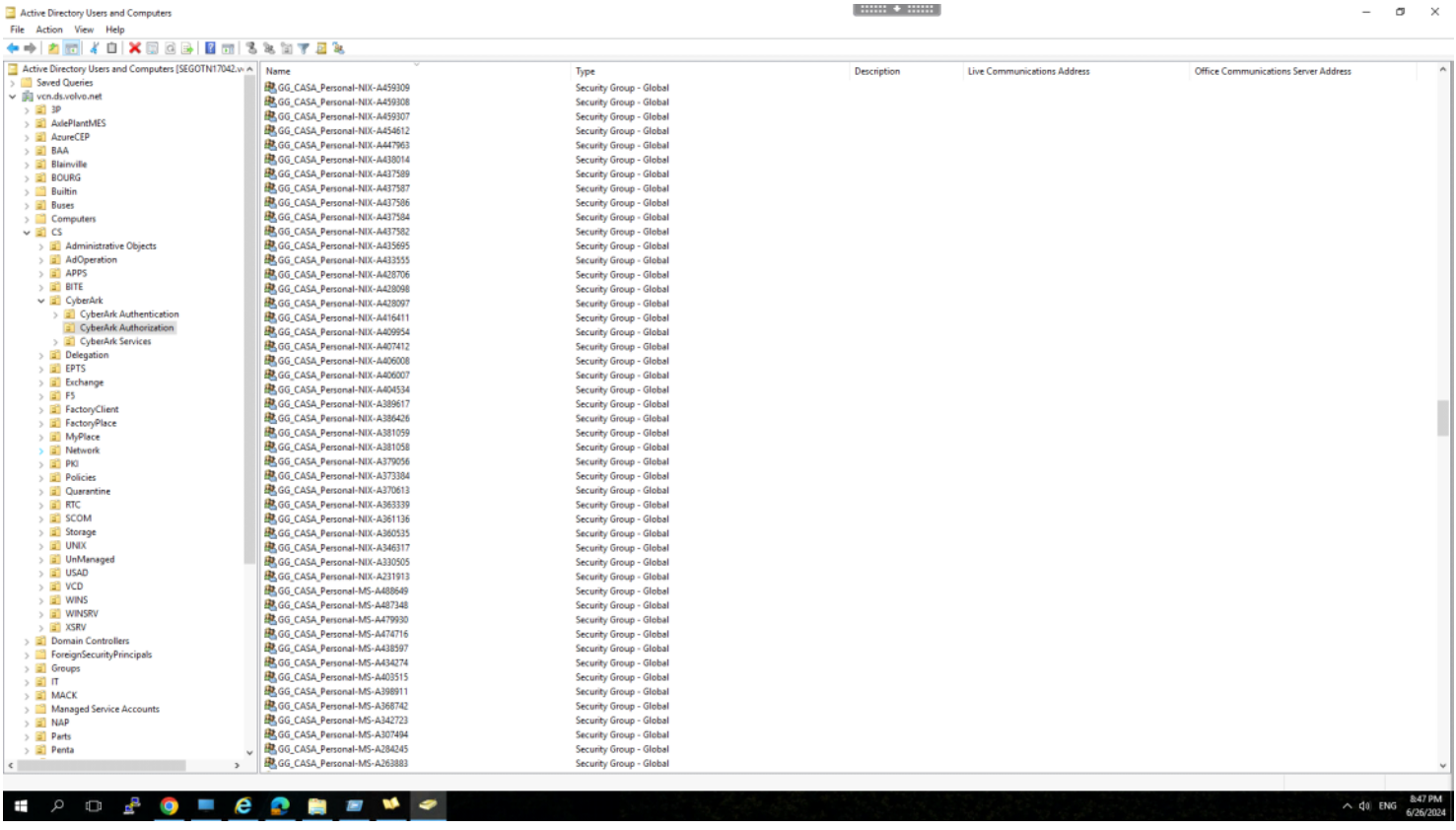
Health Check report

Monday, January 29, 2024 7:37 PM

CyberArk integration with AD

Wednesday, June 26, 2024 8:43 PM





RACI - Linux support

Thursday, November 3, 2022 1:40 PM

Activities	Management Utility
Health check-up of Windows servers	OS Support Management Utility
Account lockout Mgmt.	OS Support Management Utility
OS support Utility will cover all questions or Inccident related to supported OS	OS Support Management Utility
OS Availability reports [Monthly]	OS Support Management Utility
Resolve incidents related to AV threat detection	OS Support Management Utility
Request Enable/Disable Azure VM OS Support Management Utility Utility	OS Support Management Utility
Enable/Disable VM OS Support Utility	OS Support Management Utility
Enable/Disable VM OS Support Utility - resolve Automation failure	OS Support Management Utility
Resolve incident (OS related)	OS Support Management Utility
OS related -Incident Management (resolving, forwarding to other support teams, etc.)	OS Support Management Utility
Customer contact (for specific incident or general communications)	OS Support Management Utility
OS related activities as (Start/Stop services, rebooting according to KB articles)	OS Support Management Utility
Lifecycle Management of management- Infrastructure and SW	OS Support Management Utility
OS related - Incident reports with resolution time [Monthly]	OS Support Management Utility
Request Management (of OS support related requests)	OS Support Management Utility
Change Management (of OS support related requests)	OS Support Management Utility
Enable/Disable OS FW port on customer request	OS Support Management Utility
Local policy/Registry changes on customer request	OS Support Management Utility
Increase computer capacity (Memory, CPU, Storage) on customer request	OS Support Management Utility
Resolving incident of a vulnerable VM on customer request	OS Support Management Utility
Lifecycle Management of OS (excluding Security patching) on customer request	OS Support Management Utility
Resolve OS Security log related incident	OS Support Management Utility
Risk analysis & Mitigation (for OS Layer) of vulnerability scanning report	OS Support Management Utility

1. Azure, OS SOE
2. License
3. Access Management
4. Patching process
5. Vulnerability
6. Deployment
7. Infra design LLD and HLD
8. RACI (Cloud / OS Team / SAP)
9. Monitoring
10. Azure management tools
11. Backup
12. Ticket - snow

Monday, November 7, 2022 3:50 PM

Chasis and rack

Root CA

Thursday, November 24, 2022 1:40 PM

```
root@segotl4129# cd /etc/pki/ca-trust/source/anchors/
root@segotl4129# ls -lrt
total 36
-rw-r--r--. 1 root root 5439 Apr  6  2022 katello-server-ca.pem
-rw-r--r--. 1 root root 1464 Oct  7 11:05 volvoRootCA2023.pem
-rw-r--r--. 1 root root 1517 Oct  7 11:05 volvoRootCA2038.pem
-rw-r--r--. 1 root root 2780 Oct  7 11:05 volvoRootCA1.pem
-rw-r--r--. 1 root root 2764 Oct  7 11:05 volvoRootCA2SHA1.pem
-rw-r--r--. 1 root root 2057 Oct  7 11:05 volvoRootCA2SHA256.pem
-rw-r--r--. 1 root root 2801 Oct  7 11:05 volvoRootCA32023.pem
-rw-r--r--. 1 root root 2878 Oct  7 11:05 volvoRootCA32032.pem
root@segotl4129#
```

```
update_root_ca::root_ca_name: ['volvoRootCA2023.pem', 'volvoRootCA2038.pem', 'volvoRootCA1.pem', 'volvoRootCA2SHA1.pem',
'volvoRootCA2SHA256.pem', 'volvoRootCA32023.pem', 'volvoRootCA32032.pem']
```

```
update_root_ca::root_cert_name:
  volvoRootCA2023.pem:
    ensure:  'present'
    path:  '/etc/pki/ca-trust/source/anchors/volvoRootCA2023.pem'
    mode:  '0644'
    owner:  '0'
    group:  '0'
    source:  "puppet:///lcs/update_root_ca/volvoRootCA2023.pem"
    notify:  'Exec[update_system_certs]'
    require: 'Package[ca-certificates]'
  volvoRootCA2038.pem:
    ensure:  'present'
    path:  '/etc/pki/ca-trust/source/anchors/volvoRootCA2038.pem'
    mode:  '0644'
    owner:  '0'
    group:  '0'
    source:  "puppet:///lcs/update_root_ca/volvoRootCA2038.pem"
    notify:  'Exec[update_system_certs]'
    require: 'Package[ca-certificates]'
  volvoRootCA1.pem:
    ensure:  'present'
    path:  '/etc/pki/ca-trust/source/anchors/volvoRootCA1.pem'
    mode:  '0644'
    owner:  '0'
    group:  '0'
    source:  "puppet:///lcs/update_root_ca/volvoRootCA1.pem"
    notify:  'Exec[update_system_certs]'
    require: 'Package[ca-certificates]'
  volvoRootCA2SHA1.pem:
    ensure:  'present'
    path:  '/etc/pki/ca-trust/source/anchors/volvoRootCA2SHA1.pem'
```

```
  mode:  '0644'
  owner:  '0'
  group:  '0'
  source:  "puppet:///lcs/update_root_ca/volvoRootCA2SHA1.pem"
  notify:  'Exec[update_system_certs]'
  require: 'Package[ca-certificates]'
 volvoRootCA2SHA256.pem:
  ensure:  'present'
  path:  '/etc/pki/ca-trust/source/anchors/volvoRootCA2SHA256.pem'
  mode:  '0644'
  owner:  '0'
  group:  '0'
  source:  "puppet:///lcs/update_root_ca/volvoRootCA2SHA256.pem"
  notify:  'Exec[update_system_certs]'
  require: 'Package[ca-certificates]'
 volvoRootCA32023.pem:
  ensure:  'present'
  path:  '/etc/pki/ca-trust/source/anchors/volvoRootCA32023.pem'
  mode:  '0644'
  owner:  '0'
  group:  '0'
  source:  "puppet:///lcs/update_root_ca/volvoRootCA32023.pem"
  notify:  'Exec[update_system_certs]'
  require: 'Package[ca-certificates]'
 volvoRootCA32032.pem:
  ensure:  'present'
  path:  '/etc/pki/ca-trust/source/anchors/volvoRootCA32032.pem'
  mode:  '0644'
  owner:  '0'
  group:  '0'
  source:  "puppet:///lcs/update_root_ca/volvoRootCA32032.pem"
  notify:  'Exec[update_system_certs]'
  require: 'Package[ca-certificates]'
```

https://gitux.srv.volvo.com/repo/puppetmaster-prod.git

Puppet configuration

Thursday, November 24, 2022 1:41 PM

Module: update_root_ca

Purpose: To update root ca certificate to server.

Features available for puppet3 and puppet5 to achieve the requirement differs.

So written code differently for puppet3 and puppet5.

Puppet3:

IF server pointing to puppet3 code then follow below method to push certificate to server/servers.

Example server & explanation:

```
update_root_ca::root_cert_name: segotlab6013.got.volvo.net
  ZscalerRootCertificate-2048-SHA256.pem:
    ensure:  'present'
    path:  '/etc/pki/ca-trust/source/anchors/ZscalerRootCertificate-2048-SHA256.pem'
    mode:  '0644'
    owner:  '0'
    group:  '0'
    source:  "puppet:///lcs/update_root_ca/ZscalerRootCertificate-2048-SHA256.pem"
    notify:  'Exec[update_system_certs]'
```

Note: spacing is important on yaml so refer file : /puppet/hiera/hieradata-prod/hosts/host_segotlab6013.got.volvo.net.yaml
Abover you can see you are setting path for a file that is /etc/pki/ca-trust/source/anchors/ZscalerRootCertificate-2048-SHA256.pem which will get created on server/servers.
Content for same file is taken from → puppet:///lcs/update_root_ca/ZscalerRootCertificate-2048-SHA256.pem
Which is already present in file server and it is the file provided from zscaler team.

Further: you can push to single server or to category of servers from Hiera.

Puppet5:

Example & explanation: segotlab0821.got.volvo.net

Make the hiera entry as below:

update_root_ca::root_ca_name: [' ZscalerRootCertificate-2048-SHA256.pem ']

Here we are telling what file to manage.

Content is taken from file server where it is already present.

Further: you can push to single server or to category of servers from Hiera.

UDP

Thursday, November 24, 2022 2:24 PM

Monitor --> to be checked with Amit - SCOM
Backup --> File level and VM Level restore test to be performed

User Access - Management - done
Security Patching group: -- Nagaraj to check the form and share to Joris

Need to be tested:
File level restore test
Server restore
Test INC to be created - Monitoring testing

Resource addition: --> Cloud team- operation
waagent -->

Ansible Patching -> checked with Benoit

Azure access portal -->
How to keep the server in maintenance mode ??

Hybrid - Not used any native tools.

CI Name	Operating System	OS Managed By	Hw Managed By
z109460q02whs02	Red Hat Enterprise Linux	JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND
z109460q01inf02	Red Hat Enterprise Linux	JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND
Z109460Q01INF01		JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND
Z109460Q01ICS01		JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND
z109460p02whs02	Red Hat Enterprise Linux	JAVA AHS UNIX SO	Volvo Cloud Operations
Z109460P02WHS02		JAVA AHS UNIX SO	Volvo Cloud Operations
z109460p01inf02	Red Hat Enterprise Linux	JAVA AHS UNIX SO	Volvo Cloud Operations
Z109460P01INF01		JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND
Z109460P01ICS01		JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND
z109460d02whs02	Red Hat Enterprise Linux	JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND
z109460d01rhint		JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND
Z109460D01KME01		JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND
z109460d01inf02	Red Hat Enterprise Linux	JAVA AHS UNIX SO	Volvo Cloud Operations
Z109460D01INF02		JAVA AHS UNIX SO	Volvo Cloud Operations
Z109460D01INF01		JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND
Z109460D01ICS01		JAVA AHS UNIX SO	WINDOWS CLOUD FABRIC 2ND

RHEL Upgrade

Thursday, December 1, 2022 8:12 PM

VM:
Reinstallation - 8 hours including roll-back - after application stop/start
IP/host name migration - 3 hours

Physical:
re-installation - 12 hours
IP/Host name migration - 4 hours.

Physical server - snapshot

Tuesday, May 14, 2024 4:36 PM

Can you perform an backup for rootvg + boot and send to an remote server the /backup folder ?

```
# Backup phase
#####################################
# VG : rootvg
# PV : /dev/vda2
# boot : /dev/vda1
#######################################################
rm -f /backup/*.xfsdump
rm -f /backup/*.log
xfsdump -M backup -l 0 -L '/' -f /backup/rootvol.xfsdump / 2>&1 |tee rootvol.log
xfsdump -M backup -l 0 -L '/boot' -f /backup/boot.xfsdump /boot 2>&1 |tee boot.log
xfsdump -M backup -l 0 -L '/var' -f /backup/varvol.xfsdump /var 2>&1 |tee varvol.log
xfsdump -M backup -l 0 -L '/home' -f /backup/homevol.xfsdump /home 2>&1 |tee homevol.log
xfsdump -M backup -l 0 -L '/tmp' -f /backup/tmpvol.xfsdump /tmp 2>&1 |tee tmpvol.log
lvs rootvg > /backup/rootvg.txt
egrep 'Dump Status|stream ' *.log

sfdisk -d /dev/vda > /backup/vda.sfdisk.txt
```

you should be able to restore after in boot rescue ,

i'm also assuming that you can copy back locally in /backup the previos backup

```
#################################################################################
# boot on rescue from rehdat 7 iso images : rhel-server-7.9-x86_64-dvd.iso
# Restore phase
#################################################################################
#################################################################################
# recreate rootvg
After removing the rootvg - reboot first

cat disk.sfdisk |sfdisk /dev/vda
pvcreate /dev/vda2
vgcreate rootvg /dev/vda2
lvcreate -L2g -n homevol rootvg
lvcreate -L6g -n rootvol rootvg
lvcreate -L4g -n tmpvol rootvg
lvcreate -L6g -n varvol rootvg
lvcreate -L2g -n swap01 rootvg


mkfs.xfs /dev/vda1
mkfs.xfs /dev/rootvg/rootvol
mkfs.xfs /dev/rootvg/varvol
mkfs.xfs /dev/rootvg/homevol
mkfs.xfs /dev/rootvg/tmpvol
mkswap /dev/rootvg/swap01

mount /dev/rootvg/rootvol /mnt/sysimage
xfsrestore -f /backup/rootvol.xfsdump /mnt/sysimage
mount /dev/vda1 /mnt/sysimage/boot
```

```
xfsrestore -f /backup/boot.xfsdump /mnt/sysimage/boot
mount /dev/rootvg/varvol /mnt/sysimage/var
xfsrestore -f /backup/varvol.xfsdump /mnt/sysimage/var
mount /dev/rootvg/homevol /mnt/sysimage/home
xfsrestore -f /backup/homevol.xfsdump /mnt/sysimage/home
mount /dev/rootvg/tmpvol /mnt/sysimage/tmp
xfsrestore -f /backup/tmpvol.xfsdump /mnt/sysimage/tmp

blkid -p  /dev/vda1
/dev/vda1: UUID="5b6c2c63-0597-4fac-afaf-820966a5f3f6"
# modify UUID in /mnt/sysimage/etc/fstab


mount --bind /dev /mnt/sysimage/dev
chroot /mnt/sysimage
grub2-install /dev/vda
grub2-mkconfig -o /boot/grub2/grub.cfg



==================================================

931  2024-05-03 10:36:16 lvs
 932  2024-05-03 10:36:17 pvs
 933  2024-05-03 10:36:21 vgs
 934  2024-05-03 10:36:51 lvcreate -n backuplv -L 25G app_vg01
 935  2024-05-03 10:37:04 mkfs.xfs /dev/app_vg01/backuplv
 936  2024-05-03 10:37:09 mkdir /backup
 937  2024-05-03 10:37:16 mount /dev/app_vg01/backuplv /backup
 938  2024-05-03 10:37:19 df -ThP
 939  2024-05-03 10:38:41 xfsdump -M backup -l 0 -L '/' -f /backup/rootvol.xfsdump / 2>&1 |tee /backup/rootvol.log
 940  2024-05-03 10:38:54 ls -lh /backup/rootvol.xfsdump
 941  2024-05-03 10:39:39 xfsdump -M backup -l 0 -L '/boot' -f /backup/boot.xfsdump /boot 2>&1 |tee /backup/boot.log
 942  2024-05-03 10:39:56 xfsdump -M backup -l 0 -L '/var' -f /backup/varvol.xfsdump /var 2>&1 |tee /backup/varvol.log
 943  2024-05-03 10:40:13 xfsdump -M backup -l 0 -L '/home' -f /backup/homevol.xfsdump /home 2>&1 |tee /backup/homevol.log
 944  2024-05-03 10:40:24 xfsdump -M backup -l 0 -L '/tmp' -f /backup/tmpvol.xfsdump /tmp 2>&1 |tee /backup/tmpvol.log
 945  2024-05-03 10:40:27 cd /backup/
 946  2024-05-03 10:40:28 ll
 947  2024-05-03 10:40:30 ls -lh
 948  2024-05-03 10:40:52 lvs rootvg > /backup/rootvg.txt
 949  2024-05-03 10:40:54 ll
 950  2024-05-03 10:41:31 pvs
 951  2024-05-03 10:42:10 sfdisk -d /dev/sda > /backup/sda.sfdisk.txt
 952  2024-05-03 10:42:15 ll
 953  2024-05-03 10:42:45 lvs
 954  2024-05-03 10:43:22 cat sda.sfdisk.txt
 955  2024-05-03 10:46:05 cat /etc/fstab
 956  2024-05-03 10:46:58 cat /boot/grub2/grub.cfg
 957  2024-05-03 10:55:22 dsu --preview --ignore-signature
 958  2024-05-03 10:55:56 yum repolist
 959  2024-05-03 10:56:03 yum repolist all
 960  2024-05-03 10:56:33 subscription-manager repos --enable dell-system-up*
 961  2024-05-03 10:57:04 subscription-manager repos --enable HCL_Dell_dell-system-update*
 962  2024-05-03 10:57:27 dsu --preview --ignore-signature
 963  2024-05-03 11:03:55 df -ThP /backup/
 964  2024-05-03 11:03:59 cd /backup
 965  2024-05-03 11:04:00 ll
 966  2024-05-03 17:05:02 uname
 967  2024-05-03 17:05:02 whoami
```

==========

```
  VG      #PV #LV #SN Attr   VSize    VFree
  appvg02   1   1   0 wz--n- <800.00g <799.00g
  rootvg    1   5   0 wz--n- <277.31g <255.31g
bash-4.2# df -h
Filesystem           Size  Used Avail Use% Mounted on
devtmpfs              23G     0   23G   0% /dev
tmpfs                 23G  4.0K   23G   1% /dev/shm
tmpfs                 23G   19M   23G   1% /run
tmpfs                 23G     0   23G   0% /sys/fs/cgroup
/dev/sr0             608M  608M     0 100% /run/install/repo
/dev/mapper/live-rw  2.0G  1.5G  448M  78% /
tmpfs                 23G   11G   13G  46% /tmp
bash-4.2# vgremove rootvg
Do you really want to remove volume group "rootvg" containing 5 logical volumes? [y/n]: n
  Volume group "rootvg" not removed
bash-4.2#
bash-4.2# pvs
  Cannot access VG clustervg with system ID segotl4779-n1 with unknown local system ID.
  PV                 VG      Fmt  Attr PSize    PFree
  /dev/mapper/mpathb appvg02 lvm2 a--  <800.00g <799.00g
  /dev/sda3          rootvg  lvm2 a--  <277.31g <255.31g
bash-4.2# ls
boot.log      homevol.log      rootvg.txt   rootvol.xfsdump  tmpvol.log      varvol.log
boot.xfsdump  homevol.xfsdump  rootvol.log  sda.sfdisk.txt   tmpvol.xfsdump  varvol.xfsdump
bash-4.2# vgremove rootvg
Do you really want to remove volume group "rootvg" containing 5 logical volumes? [y/n]: y
Do you really want to remove active logical volume rootvg/swap01? [y/n]: y
  Logical volume "swap01" successfully removed
Do you really want to remove active logical volume rootvg/tmpvol? [y/n]: y
  Logical volume "tmpvol" successfully removed
Do you really want to remove active logical volume rootvg/varvol? [y/n]: y
  Logical volume "varvol" successfully removed
Do you really want to remove active logical volume rootvg/homevol? [y/n]: y
  Logical volume "homevol" successfully removed
Do you really want to remove active logical volume rootvg/rootvol? [y/n]: y
  Logical volume "rootvol" successfully removed
  Volume group "rootvg" successfully removed
bash-4.2# vgs
  Cannot access VG clustervg with system ID segotl4779-n1 with unknown local system ID.
  VG      #PV #LV #SN Attr   VSize    VFree
  appvg02   1   1   0 wz--n- <800.00g <799.00g
bash-4.2# pvs
  Cannot access VG clustervg with system ID segotl4779-n1 with unknown local system ID.
  PV                 VG      Fmt  Attr PSize    PFree
  /dev/mapper/mpathb appvg02 lvm2 a--  <800.00g <799.00g
  /dev/sda3                  lvm2 ---   277.31g  277.31g
bash-4.2#
[anaconda] 1:main* 2:shell  3:log  4:storage-log  5:program-log                    Switch tab: Alt+Tab | Help: F1
```

```
bash-4.2# lvs
  Cannot access VG clustervg with system ID segotl4779-n1 with unknown local system ID.
  LV          VG      Attr       LSize Pool Origin Data%  Meta%  Move Log Cpy%Sync Convert
  appvg2_lv01 appvg02 -wi------- 1.00g
bash-4.2# lvcreate -L 2G -n homevol rootvg
WARNING: swap signature detected on /dev/rootvg/homevol at offset 4086. Wipe it? [y/n]: y
  Wiping swap signature on /dev/rootvg/homevol.
  Logical volume "homevol" created.
bash-4.2# lvcreate -L 6G -n rootvol rootvg
WARNING: xfs signature detected on /dev/rootvg/rootvol at offset 0. Wipe it? [y/n]: y
  Wiping xfs signature on /dev/rootvg/rootvol.
  Logical volume "rootvol" created.
bash-4.2# lvcreate -L 4G -n tmpvol rootvg
WARNING: xfs signature detected on /dev/rootvg/tmpvol at offset 0. Wipe it? [y/n]: y
  Wiping xfs signature on /dev/rootvg/tmpvol.
  Logical volume "tmpvol" created.
bash-4.2# lvcreate -L 6G -n varvol rootvg
  Logical volume "varvol" created.
bash-4.2# lvcreate -L 2G -n swap01 rootvg
  Logical volume "swap01" created.
bash-4.2#
bash-4.2# lvs
  Cannot access VG clustervg with system ID segotl4779-n1 with unknown local system ID.
  LV          VG      Attr       LSize Pool Origin Data%  Meta%  Move Log Cpy%Sync Convert
  appvg2_lv01 appvg02 -wi------- 1.00g
  homevol     rootvg  -wi-a----- 2.00g
  rootvol     rootvg  -wi-a----- 6.00g
  swap01      rootvg  -wi-a----- 2.00g
  tmpvol      rootvg  -wi-a----- 4.00g
  varvol      rootvg  -wi-a----- 6.00g
bash-4.2# mkfs.xfs /dev/s
sda       sda3      sdd       sdg       sdj       sg10      sg4       sg7       shm/      sr1       stdout
sda1      sdb       sde       sdh       sg0       sg2       sg5       sg8       snapshot  stderr
sda2      sdc       sdf       sdi       sg1       sg3       sg6       sg9       snd/      stdin
bash-4.2# mkfs.xfs /dev/sda1
bash: /sbin/mkfs.xfs: Input/output error
bash-4.2# mkfs.
mkfs.btrfs  mkfs.ext2   mkfs.ext3   mkfs.ext4   mkfs.fat    mkfs.msdos  mkfs.vfat   mkfs.xfs
bash-4.2# mkfs.
mkfs.btrfs  mkfs.ext2   mkfs.ext3   mkfs.ext4   mkfs.fat    mkfs.msdos  mkfs.vfat   mkfs.xfs
bash-4.2# mkfs.
mkfs.btrfs  mkfs.ext2   mkfs.ext3   mkfs.ext4   mkfs.fat    mkfs.msdos  mkfs.vfat   mkfs.xfs
bash-4.2# mkfs.xfs /dev/rootvg/rootvol
bash: /sbin/mkfs.xfs: Input/output error
bash-4.2#
[anaconda] 1:main* 2:shell  3:log  4:storage-log  5:program-log                    Switch tab: Alt+Tab | Help: F1
```

f

f

sshfs

Rubrik Backup

Tuesday, May 14, 2024 4:50 PM

- Rubrik backup on Hadoop servers
- Separate Backup VLAN
- Hadoop file systems which will be only visible in Hadoop server
- Agent based backup ->
- What is the scheduler?
- OS of the Rubric - will get upgraded , not very frequent, once in quarter - Change will be created by storage team, Ctask to -Linux team to verify the from server end agent upgraded or not.
- Script based backup
- Service acc used to copy data from hadoop fs to rubric fs
- Support required for agent stop/start
- **Log rotate - for rubrik logs**
- Once Rubrik started initiating file system will be mounted- its weekly backup and full Backup,

As per customer requirements

Take snapshots : Weekly once (Saturday)
Retain snapshots : 5 weeks
Snapshot window : 02:00 AM to 04:00 AM

- Manual Backup - we can trigger adhoc backup in Rubric console
- Recovery:
  - Mount the Rubrik snapshot directory on server

```
172.18.136.17:/mnt/managedvolume/segot_BUSESGPS_rubrik_1000_channel0_04bd8b9e nfs        5.9T  2.8T  2.9T  50% /rubrik/rubrik_test_live_mount
```

  - once copy data, unmount can be taken care by Backup team.

- New servers - install the Rubric Agent.- Hadoop team will request.
- **How the resource/ performance at the time of backup**
- **Rubric agent failure - alert**
- **If not mount, alert will generate**
- **3 -retry, if not getting successful, alert will be generated**
- **Restoring File - Hadoop team, will reach Backup team.**

9 Hadoop Backup configuration

Hadoop Server:

segotl5412
segotl5413
segotl5414

Below are the Hadoop FS production mounts need to take backup

/Lda/SILO_VS_BUSES_GPS	2.7 TB
/Lda/SILO_VS_BUSES_GPS_STG	5.5 TB
/Lda/SILO_VS_DATA	7.8 TB
/Lda/SILO_VS_DATA_GPS	7.8 TB
/Lda/SILO_VS_DATA_GPS_STG	1.3 TB
/Lda/SILO_VS_DATA_STG	22.1 TB

Friday, December 16, 2022 6:33 PM

The sosreport shows high load average for a system with 10 CPUs. The load average is calculated as the average number of runnable or running tasks (R state), and the number of tasks in uninterruptible sleep(D state) over the specified interval. The load average seems associated with high run-queue within 10 minutes sar data collection. I also see high CPU usage within kernel level. The system is not under any memory pressure but the application is not using all the pre-assigned hugepges. Also the system is not tuned for oracle workload. The system is running on by-default deadline scheduler while the noop scheduler would be beneficial here for virtual storage.
I also see high number of oracle tasks in blocked state waiting on some nfs function at the time when sosreport was created.

From <https://access.redhat.com/support/cases/#/case/03389057>

Monday, February 20, 2023 4:16 PM

```
#!/bin/bash
# This script will logout all the users in 60 Seconds except oracalls, oramed and oracle users.
if [ "`whoami`" = "oracalls" ] || [ "`whoami`" = "oramed" ] || [ "`whoami`" = "oracle" ]; then
    echo "NO TIMEOUT For `whoami`, Enjoy!!!"
else
    TMOUT=60
    readonly TMOUT
    export TMOUT
fi
```

From <https://access.redhat.com/solutions/664483>

```
# BEGIN ANSIBLE MANAGED
# Set session timeout - CIS ID RHEL-07-5.4.4
#!/bin/bash
# This script will logout all the users in 60 Seconds except oracalls, oramed and oracle users.

if [ "`whoami`" = "a029159x@udcn.udtrucks.net" ] || [ "`whoami`" = "a179827x@udcn.udtrucks.net" ] || [ "`whoami`" =
"a205255x@udcn.udtrucks.net" ] || [ "`whoami`" = "a403272x@udcn.udtrucks.net" ] || [ "`whoami`" =
"a436665x@udcn.udtrucks.net" ] || [ "`whoami`" = "nd00173x@udcn.udtrucks.net" ] || [ "`whoami`" =
"nd00856x@udcn.udtrucks.net" ] || [ "`whoami`" = "nd00874x@udcn.udtrucks.net" ]; then
   echo "NO TIMEOUT For `whoami`, Enjoy!!!"
else
TMOUT=600
readonly TMOUT
export TMOUT
fi
# END ANSIBLE MANAGED
```

Mdatp Installation

Wednesday, March 8, 2023 8:56 PM

nawshathali.hajam@hcl.com - nawshathali.hajam@hcl.com
mohamedibrahim.s@hcl.com

GSS Function Malware Protection Core Team <GSS.Function.MalwareProtectionCoreTeam@hcl.com>

```
cd /unixadmins/mdatp/
scp mdatp* segotl5619:/tmp
mkdir -p /etc/opt/microsoft/mdatp/managed/
cp /tmp/mdatp_onboard.json /etc/opt/microsoft/mdatp;chmod 600 /etc/opt/microsoft/mdatp/mdatp_onboard.json ;chown root:root
/etc/opt/microsoft/mdatp/mdatp_onboard.json

cp /tmp/mdatp_managed.json /etc/opt/microsoft/mdatp/managed; chmod 644 /etc/opt/microsoft/mdatp/managed/mdatp_managed.json; chown
root:root /etc/opt/microsoft/mdatp/managed/mdatp_managed.json

yum install mdatp

sed -i 's/^\#Environment=\"HTTPS_PROXY.*/Environment=\"HTTPS_PROXY=http:\/\/httppxgotdef.srv.volvo.com:8090\/\"/'
/usr/lib/systemd/system/mdatp.service
```

httppxgotdef.srv.volvo.com:8090 - VCN
httppxctadef.srv.volvo.com:8090 – RDS

```
systemctl restart mdatp; systemctl enable mdatp ;systemctl status mdatp

grep -i env /usr/lib/systemd/system/mdatp.service; sed -i 's/^\#Environment=\"HTTPS_PROXY.*/Environment=\"HTTPS_PROXY=http:\/
\/httppxgotdef.srv.volvo.com:8090\/\"/' /usr/lib/systemd/system/mdatp.service;grep -i env /usr/lib/systemd/system/mdatp.service

mdatp health; systemctl status mdatp

=================

[a330505@segotl0836 mdatp]$ pwd
/home/a330505/mdatp
[a330505@segotl0836 mdatp]$ scp mdatp_* segotlab651:/tmp

======================


mkdir -p /etc/opt/microsoft/mdatp/managed/; cp /tmp/mdatp_onboard.json /etc/opt/microsoft/mdatp;chmod 600
/etc/opt/microsoft/mdatp/mdatp_onboard.json ;chown root:root /etc/opt/microsoft/mdatp/mdatp_onboard.json ; cp /tmp/mdatp_managed.json
/etc/opt/microsoft/mdatp/managed; chmod 644 /etc/opt/microsoft/mdatp/managed/mdatp_managed.json; chown root:root
/etc/opt/microsoft/mdatp/managed/mdatp_managed.json

rpm -ivh /tmp/libnetfilter_queue-1.0.2-2.el7_2.x86_64.rpm; yum -y install mdatp

sed -i 's/^\#Environment=\"HTTPS_PROXY.*/Environment=\"HTTPS_PROXY=http:\/\/httppxgotdef.srv.volvo.com:8090\/\"/'
/usr/lib/systemd/system/mdatp.service

systemctl restart mdatp;systemctl enable mdatp;systemctl status mdatp
```

Hey,

Appreciate a lot the logs, but as advised can you please update defender to the latest version, you are already 3 version behind, if after you are on the latest version the issue still happens please collect logs + the dump.

Your Version(Is the one is yellow):

- November-2023 (Build: 101.23082.0011 | Release version: 30.123082.0011.0)
- October-2023 (Build: 101.23082.0009 | Release version: 30.123082.0009.0)
- October-2023 (Build: 101.23082.0006 | Release version: 30.123082.0006.0)
- September-2023 (Build: 101.23072.0021 | Release version: 30.123072.0021.0)

Disable mdatp

Wednesday, May 31, 2023 3:16 PM

```
cat /etc/audisp/plugins.d/mdatp.conf
# Configuration for Microsoft Defender audisp plugin
# This file is automatically generated by Microsoft Defender. Do not edit
# cdbb87e7-66d1-40e8-b090-30ff3e88fc08
active = no
direction = out
path = /opt/microsoft/mdatp/sbin/mdatp_audisp_plugin
type = always
#args =
format = string

service auditd restart
```

Logs - puppet

Monday, April 10, 2023 6:56 PM

/etc/audisp/audispd.conf

```
args = LOG_LOCAL6
args = LOG_INFO
```

```
root@uswsnl0254# cat /etc/audisp/audispd.conf
#
# This file controls the configuration of the audit event
# dispatcher daemon, audispd.
#

q_depth = 400
overflow_action = SYSLOG
priority_boost = 4
max_restarts = 10
name_format = HOSTNAME
#name = mydomain
plugin_dir = /etc/audisp/plugins.d/
root@uswsnl0254# cat /etc/audisp/plugins.d/syslog.conf
# This file controls the configuration of the syslog plugin.
# It simply takes events and writes them to syslog. The
# arguments provided can be the default priority that you
# want the events written with. And optionally, you can give
# a second argument indicating the facility that you want events
# logged to. Valid options are LOG_LOCAL0 through 7, LOG_AUTH,
# LOG_AUTHPRIV, LOG_DAEMON, LOG_SYSLOG, and LOG_USER.

active = yes
direction = out
path = builtin_syslog
type = builtin
args = LOG_LOCAL6
format = string
```

it was locally modified by a vgt guy

```
service auditd restart
```

it should be LOG_INFO

Mdatp log rotation

Wednesday, May 24, 2023 12:13 PM

"sudo ./MDESupportTool exclude -e /usr/sbin/rsyslogd" seems create the file /etc/audit/rules.d/exclude.rules with these lines inside:

-a exit,never -F arch=b64 -S 41 -S 42 -S 49 -S 43 -S 288 -F exe=/usr/sbin/rsyslogd -k exclude

-a exit,never -F arch=b64 -S 82 -S 264 -S 316 -S 84 -S 87 -S 263 -S 101 -F exe=/usr/sbin/rsyslogd -k exclude

To avoid the installation of the tool on all RTDMS servers we will add this file and restart auditd.

Enable RTS

Thursday, June 8, 2023 5:41 PM

Manual steps to enable Real time protection for MDATP:
==========
cp /tmp/mdatp_managed.json /etc/opt/microsoft/mdatp/managed
chmod 644 /etc/opt/microsoft/mdatp/managed/mdatp_managed.json
chown root:root /etc/opt/microsoft/mdatp/managed/mdatp_managed.json

cp /tmp/mdatp_managed.json /etc/opt/microsoft/mdatp/managed; cp /tmp/mdatpexclusion.rules /etc/audit/rules.d; chmod 644 /etc/audit/rules.d/mdatpexclusion.rules; chown root:root /etc/audit/rules.d/mdatpexclusion.rules; service auditd reload;mdatp health |grep real

service auditd reload
systemctl restart mdatp

Exclude directory from MDATP scanning

Friday, July 28, 2023 5:50 PM

https://gitux.srv.volvo.com/git/?p=lcs-fileserver-pup5.git;a=tree;f=mdatp/volvo;h=8f9b06f5884ee71519e885d95c233a0f8b1444f;hb=refs/heads/master

git clone https://gitux.srv.volvo.com/repo/lcs-fileserver-pup5

git clone https://gitux.srv.volvo.com/repo/lcs-fileserver-prod

```
a330505@segotl2514 volvo]$ ls -l segotl4911_mdatp_managed.json
-rw-------. 1 a330505 cs_unix_stdgroup 3587 Jul 28 13:42 segotl4911_mdatp_managed.json
[a330505@segotl2514 volvo]$ pwd
/home/a330505/lcs-fileserver-pup5/mdatp/volvo
[a330505@segotl2514 volvo]$
```

```
{
        "$type":"excludedPath",
        "isDirectory":true,
        "path":"/delta/appl/var"
      },
```

```
 860  2023-07-28 14:25:40 vim segotl4925_mdatp_managed.json
 861  2023-07-28 14:28:00 git add segotl4925_mdatp_managed.json
 862  2023-07-28 14:29:19 pwd
 863  2023-07-28 14:33:13 git commit -m "excluded dir /delta/appl/var"
 864  2023-07-28 14:33:16 git status
 865  2023-07-28 14:33:18 git push
```

```
root@segotl4911# mdatp exclusion list |grep app
Path: "/delta/appl/var"
root@segotl4911#
```

git log --pretty=format:'%h' -1

Captured debug log

Wednesday, October 18, 2023 6:03 PM

1. wget -c https://aka.ms/XMDEClientAnalyzerBinary
2. sudo unzip XMDEClientAnalyzerBinary
3. unzip SupportToolLinuxBinary.zip
4. **sudo mdatp log level set --level debug**
5. sudo chmod +x MDESupportTool
6. sudo ./MDESupportTool -d
7. Press y for yes when prompted if you agree to the terms and conditions.
8. When completed, the file will be in "/tmp/date-time_output.zip" - for example: 09_11_2021_13_49_37_oupt.zip
9. You can now set the logging level back to info: sudo mdatp log level set --level info

Fails to boot after patch

Thursday, March 9, 2023 4:06 PM

Segotl5233:
==========
cat /etc/default/grub

GRUB_CMDLINE_LINUX="nofb splash=quiet crashkernel=auto resume=/dev/mapper/rootvg-swap01 rd.lvm.lv=rootvg/rootvol rd.lvm.lv=rootvg/swap01 rhgb quiet"

GRUB_CMDLINE_LINUX="nofb splash=quiet crashkernel=auto rd.lvm.lv=rootvg/rootvol rhgb quiet"

Iscsi

Thursday, March 16, 2023 4:13 PM

```
root@segotl2423# iscsiadm  -m discovery -t st -p 172.19.25.60
172.19.25.60:3260,1337 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.25.49:3260,1158 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.46.75:3260,1181 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.46.74:3260,1180 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.46.101:3260,1315 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.25.59:3260,1330 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.46.41:3260,1312 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.46.42:3260,1313 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.46.9:3260,1179 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.46.8:3260,1098 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.25.48:3260,1157 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
172.19.46.100:3260,1314 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120
root@segotl2423# iscsiadm -m node -T iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120 -p 172.19.25.60 --login
Logging in to [iface: default, target: iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120, portal: 172.19.25.60,3260] (multiple)
Login to [iface: default, target: iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120, portal: 172.19.25.60,3260] successful.

root@segotl2423# iscsiadm -m node -T iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120 -p 172.19.25.60 --login
Logging in to [iface: default, target: iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120, portal: 172.19.25.60,3260] (multiple)
Login to [iface: default, target: iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120, portal: 172.19.25.60,3260] successful.
root@segotl2423#


root@segotl2423# iscsiadm -m session -o show
tcp: [1] 172.19.25.60:3260,1337 iqn.1992-08.com.netapp:sn.45271d820b4a11e8bc2800a0986bfc4f:vs.120 (non-flas
```

https://ahsp.sp.srv.volvo.com/sites/UnixDoc/UnixWiki/ISCSI%20Migration.aspx

Wednesday, April 5, 2023 4:11 PM

Postfix error fatal: parameter inet_interfaces: no local interface found for ::1 (openthreat.ro)

This error can be fixed in 2 ways, from postfix config file or from /etc/hosts.

Fix from postfix config file will require a minor change by replacing localhost with 127.0.0.1 from directive **inet_interfaces**.

Fix from /etc/hosts file will require deleting line **::1 localhost localhost.localdomain localhost6 localhost6.localdomain6**. This line tells to OS that it have IPV6 localhost interface so you ca remove it because you don't have it.

From <https://openthreat.ro/postfix-error-fatal-parameter-inet_interfaces-no-local-interface-found-for-1/>

How to configure postfix for sender address rewriting?

Wednesday, May 24, 2023 3:55 PM

[How to configure postfix for sender address rewriting? - Red Hat Customer Portal]

Use `sender_canonicals_maps` parameter to rewrite the sender address. `sender_canonicals_maps` is disabled by default. To enable it,

1. Add `sender_canonical_maps` to `/etc/postfix/main.cf`.
   Raw
   `sender_canonical_maps = hash:/etc/postfix/sender_canonical`

2. Create file `/etc/postfix/sender_canonical`
   This provides the mapping from "oracle" to "no-reply@example.com"
   Raw
   `oracle no-reply@example.com`

3. `postmap /etc/postfix/sender_canonical`
4. systemctl restart postfix.service

```
#mydomain = domain.tld
mydomain = got.udtrucks.net
sender_canonical_maps = hash:/etc/postfix/sender_canonical

[root@udgotl2050 ~]# cat /etc/postfix/sender_canonical
root udgotl2050@udtrucks.com
```

Cluster file/Mirror system extension

Thursday, April 6, 2023 3:40 PM

```
375  2023-04-03 09:58:39 pcs property set maintenance-mode=true
 376  2023-04-03 09:58:42 pcs status
 377  2023-04-03 09:58:53 lvs -a -o +devices |grep goraprespr15_vg02 |grep goraprespr15_arch_lv
 378  2023-04-03 09:59:21 pvs |grep goraprespr15_vg02
 379  2023-04-03 10:00:55 lvs -a -o +devices |grep goraprespr15_vg02 |grep goraprespr15_arch_lv
 380  2023-04-03 10:01:06 lvconvert -m 0 -b /dev/goraprespr15_vg02/goraprespr15_arch_lv
/dev/mapper/360000970000297700225533030304445 /dev/mapper/360000970000297700225533030313036
/dev/mapper/360000970000297700221533030314631
 381  2023-04-03 10:01:12 lvs -a -o +devices |grep goraprespr15_vg02 |grep goraprespr15_arch_lv
 382  2023-04-03 10:19:53 pcs status
 383  2023-04-03 10:19:59 date
 384  2023-04-03 10:32:06 uptime ; date
 385  2023-04-03 09:14:27 cd /tmp
 386  2023-04-03 09:14:29 ls -lrt
 387  2023-04-03 09:15:24 scp -pr sosreport-segotl3472-n1-2023-04-03-itqndwl.tar.xz a451942@segotl0836:/home/a451942
 388  2023-04-03 09:15:59 scp -pr sosreport-segotl3472-n1-2023-04-03-itqndwl.tar.xz a451942@153.112.6.40:/home/a451942
 389  2023-04-03 10:02:00 pvcreate /dev/mapper/360000970000297700225533030323737
/dev/mapper/360000970000297700221533030314533
 390  2023-04-03 10:02:09 vgextend goraprespr15_vg02 /dev/mapper/360000970000297700225533030323737
/dev/mapper/360000970000297700221533030314533
 391  2023-04-03 10:02:20 vgs goraprespr15_vg02
 392  2023-04-03 10:02:47 lvextend -L +400G /dev/goraprespr15_vg02/goraprespr15_arch_lv
/dev/mapper/360000970000297700225533030323737
 393  2023-04-03 10:02:53 xfs_growfs /dev/goraprespr15_vg02/goraprespr15_arch_lv
 394  2023-04-03 10:03:03 vgs -o name,tags
 395  2023-04-03 10:03:07 df -ThP |grep arg
 396  2023-04-03 10:03:17 df -THP |grep arch
 397  2023-04-03 10:03:29 vgchange --addtag=segotl3472-n1 goraprespr15_vg02
 398  2023-04-03 10:03:32 vgs -o name,tags
 399  2023-04-03 10:03:47 lvconvert --type mirror -m 1 /dev/mapper/360000970000297700225533030304445
/dev/mapper/360000970000297700225533030313036 /dev/mapper/360000970000297700221533030314631
/dev/mapper/360000970000297700225533030323737 /dev/mapper/360000970000297700221533030314533
 400  2023-04-03 10:04:15 lvconvert --type mirror -m 1 /dev/goraprespr15_vg02/goraprespr15_arch_lv
/dev/mapper/360000970000297700225533030304445 /dev/mapper/360000970000297700225533030313036
/dev/mapper/360000970000297700221533030314631 /dev/mapper/360000970000297700225533030323737
/dev/mapper/360000970000297700221533030314533
 401  2023-04-03 10:08:38 vgs -o name,tags
 402  2023-04-03 10:08:46 vgchange --deltag=segotl3472-n1 goraprespr16_vg02
 403  2023-04-03 10:08:48 vgs -o name,tags
 404  2023-04-03 10:08:55 pcs status
 405  2023-04-03 10:09:01 pcs property set maintenance-mode=false
 406  2023-04-03 10:09:05 pcs status
 407  2023-04-03 10:09:52 df -ThP |grep arch
 408  2023-04-03 10:05:06 vgs -o name,tags
 409  2023-04-03 10:05:12 vgchange --deltag=segotl3472-n1 goraprespr15_vg02
 410  2023-04-03 10:05:15 vgs -o name,tags
 411  2023-04-03 10:05:24 df -ThP |grep arch
 412  2023-04-03 10:06:24 lvs -a -o +devices |grep goraprespr16_vg02 |grep goraprespr16_arch_lv
 413  2023-04-03 10:06:46 lvconvert -m 0 -b /dev/goraprespr16_vg02/goraprespr16_arch_lv
/dev/mapper/360000970000297700225533030304446 /dev/mapper/360000970000297700225533030304333
/dev/mapper/360000970000297700225533030323743
```

414 2023-04-03 10:06:49 lvs -a -o +devices |grep gorapre spr16_vg02 |grep gorapre spr16_arch_lv
415 2023-04-03 10:07:03 pvcreate pvcreate /dev/mapper/360000970000297700225533030323734 /dev/mapper/360000970000297700221533030314543
416 2023-04-03 10:07:24 vgs gorapre spr16_vg02
417 2023-04-03 10:07:35 vgextend gorapre spr16_vg02 /dev/mapper/360000970000297700225533030323734 /dev/mapper/360000970000297700221533030314543
418 2023-04-03 10:07:37 vgs gorapre spr16_vg02
419 2023-04-03 10:07:52 lvextend -L +400G /dev/gorapre spr16_vg02/gorapre spr16_arch_lv /dev/mapper/360000970000297700225533030323734
420 2023-04-03 10:07:57 xfs_growfs /dev/gorapre spr16_vg02/gorapre spr16_arch_lv
421 2023-04-03 10:08:01 df -ThP |grep arch
422 2023-04-03 10:08:08 vgs -o name,tags
423 2023-04-03 10:08:13 vgchange --addtag=segotl3472-n1 gorapre spr16_vg02
424 2023-04-03 10:08:16 vgs -o name,tags
425 2023-04-03 10:08:23 lvconvert --type mirror -m 1 /dev/gorapre spr16_vg02/gorapre spr16_arch_lv /dev/mapper/360000970000297700225533030304446 /dev/mapper/360000970000297700225533030304333 /dev/mapper/360000970000297700225533030323743 /dev/mapper/360000970000297700225533030323734 /dev/mapper/360000970000297700221533030314543

Tuesday, May 2, 2023 2:00 PM

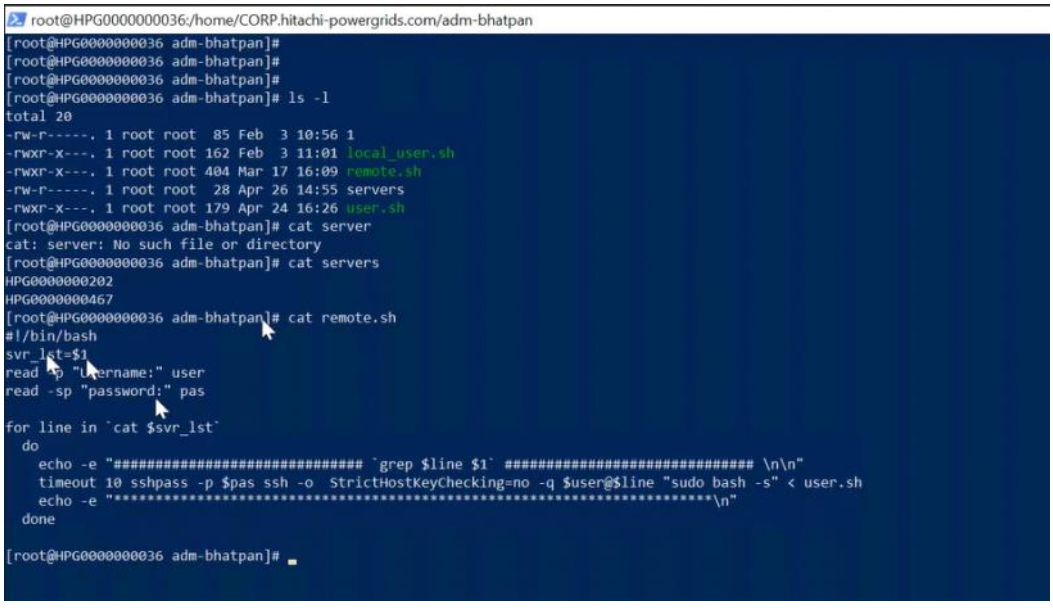
for server in `cat /tmp/yum`; do sshpass -p Motu@2021 ssh -qn -o StrictHostKeyChecking=no -l a330505 $server "yum history > /tmp/$server_yum_history.txt" ; done

sshpass -p Vichu@1994 ssh -qn -o StrictHostKeyChecking=no -o ConnectTimeout=10 -o ConnectionAttempts=1 -l a330505x@udcn.udtrucks.net udgotl2014 "uptime" > /tmp/re.txt

for i in `cat /tmp/yum`; do ls -l /tmpdata/yum_history/$i_*; done

#!/bin/bash

for server in `cat /tmp/yum`; do sshpass -p Motu@2021 ssh -qn -o StrictHostKeyChecking=no -l a330505 $server "echo "Motu@2021" | sudo -S yum history > /tmp/${server}_yum_history.txt" ; done
[a330505@segotl0836 ~]$



TSM Manual configuration

Thursday, April 13, 2023 6:37 PM

[Manually configuring multiple client acceptor services on a Linux system - IBM Documentation]

```
995  2023-04-13 14:09:04 cd /opt/tivoli/tsm/client/ba/bin/
996  2023-04-13 14:09:06 ll
997  2023-04-13 14:09:11 ls -l dsm*
998  2023-04-13 14:09:54 cp dsm.opt dsm_cloud.opt
999  2023-04-13 14:10:05 vim dsm_cloud.opt
1000  2023-04-13 14:10:49 vim dsm.sys
1001  2023-04-13 14:11:41 cd /opt/tivoli/tsm/client/ba/bin
1002  2023-04-13 14:11:45 vim dsm.sys
1003  2023-04-13 14:15:06 ls -l /opt/tivoli/tsm/client/ba/bin/rc.dsmcad
1004  2023-04-13 14:15:29 ls -l /opt/tivoli/tsm/client/ba/bin/rc.dsmcad*
1005  2023-04-13 14:15:34 ls -l /opt/tivoli/tsm/client/ba/bin/rc.*
1006  2023-04-13 14:15:55 cp /opt/tivoli/tsm/client/ba/bin/rc.dsmcad /opt/tivoli/tsm/client/ba/bin/rc.dsmcad-cloud
1007  2023-04-13 14:16:09 vim /opt/tivoli/tsm/client/ba/bin/rc.dsmcad-cloud
1008  2023-04-13 14:16:30 ls -l /opt/tivoli/tsm/client/ba/bin/rc.dsmcad*
1009  2023-04-13 14:16:45 chgrp bin /opt/tivoli/tsm/client/ba/bin/rc.dsmcad-cloud
1010  2023-04-13 14:16:46 ls -l /opt/tivoli/tsm/client/ba/bin/rc.dsmcad*
1011  2023-04-13 14:17:24 chmod 755 /opt/tivoli/tsm/client/ba/bin/rc.dsmcad-cloud
1012  2023-04-13 14:17:28 vim /opt/tivoli/tsm/client/ba/bin/rc.dsmcad-cloud
1013  2023-04-13 14:21:14 cd /opt/tivoli/tsm/client/ba/bin/
1014  2023-04-13 14:21:15 ll
1015  2023-04-13 14:21:18 ls -l rc*
1016  2023-04-13 14:21:38 pwd
1017  2023-04-13 14:22:13 ln -s /opt/tivoli/tsm/client/ba/bin/rc.dsmcad-cloud dsmcad-cloud
1018  2023-04-13 14:22:16 ls -l rc*
1019  2023-04-13 14:22:30 ls -l dsmcad*
1020  2023-04-13 14:23:21 chkconfig --add dsmcad-cloud
1021  2023-04-13 14:24:41 unlink dsmcad-cloud
1022  2023-04-13 14:24:44 cd /etc/init.d/
1023  2023-04-13 14:24:45 ll
1024  2023-04-13 14:24:58 ln -s /opt/tivoli/tsm/client/ba/bin/rc.dsmcad-cloud dsmcad-cloud
1025  2023-04-13 14:25:03 chkconfig --add dsmcad-cloud
1026  2023-04-13 14:25:18 service start dsmcad-cloud
1027  2023-04-13 14:25:23 service dsmcad-cloud start
1028  2023-04-13 14:25:53 ps -ef |grep dsmcad-cloud
1029  2023-04-13 14:26:06 service dsmcad-cloud status
1030  2023-04-13 14:26:18 service dsmcad status
1031  2023-04-13 14:26:24 pwd
1032  2023-04-13 14:26:27 ls -lhtra
1033  2023-04-13 14:26:50 ls -l /opt/tivoli/tsm/client/ba/bin/rc.dsmcad-cloud
1034  2023-04-13 14:26:59 chmod 555 /opt/tivoli/tsm/client/ba/bin/rc.dsmcad-cloud
1035  2023-04-13 14:27:09 service dsmcad-cloud start
1036  2023-04-13 14:27:27 ps -ef |grep dsmcad
1037  2023-04-13 14:27:41 service dsmcad start
1038  2023-04-13 14:27:50 service dsmcad status
1039  2023-04-13 14:27:53 ps -ef |grep dsmcad
1040  2023-04-13 14:27:58 service dsmcad-cloud start
1041  2023-04-13 14:28:34 chgrp bin dsmcad-cloud
1042  2023-04-13 14:28:37 service dsmcad-cloud start
1043  2023-04-13 14:28:44 ls -l dsm*
1044  2023-04-13 14:29:02 chgrp -h bin dsmcad-cloud
1045  2023-04-13 14:29:03 ls -l dsm*
```

```
 1046  2023-04-13 14:29:07 service dsmcad-cloud start
 1047  2023-04-13 14:29:19 cat /etc/*release
 1048  2023-04-13 14:29:48 ls -lh dsm*
 1049  2023-04-13 14:30:04 ls -l /opt/tivoli/tsm/client/ba/bin/rc.dsmcad*
 1050  2023-04-13 14:31:06 systemctl status dsmcad.service
 1051  2023-04-13 14:32:11 cat /etc/systemd/system/multi-user.target.wants/dcd.service
 1052  2023-04-13 14:32:50 systemctl daemon-reload
 1053  2023-04-13 14:33:01 /etc/init.d/dsmcad-cloud start
 1054  2023-04-13 14:33:09 /etc/init.d/dsmcad-cloud status
 1055  2023-04-13 14:33:21 systemctl status dsmcad-cloud.service
 1056  2023-04-13 14:35:09 dsmc -optfile=/opt/tivoli/tsm/client/ba/bin/dsm_cloud.opt
 1057  2023-04-13 14:35:45 vim /opt/tivoli/tsm/client/ba/bin/dsm_cloud.opt
 1058  2023-04-13 14:35:59 vim /opt/tivoli/tsm/client/ba/bin/dsm.sys
 1059  2023-04-13 14:36:56 telnet 172.18.0.11 1500
 1060  2023-04-13 14:37:29 systemctl status dsmcad-cloud.service
 1061  2023-04-13 14:37:50 vim /opt/tivoli/tsm/client/ba/bin/dsm.sys
 1062  2023-04-13 14:38:31 /tsm_menu
 1063  2023-04-13 14:40:06 vim /opt/tivoli/tsm/client/ba/bin/dsm.sys
 1064  2023-04-13 14:42:00 dsmc -optfile=/opt/tivoli/tsm/client/ba/bin/dsm_cloud.opt
 1065  2023-04-13 14:42:43 df -ThP
 1066  2023-04-13 14:44:08 pvs
 1067  2023-04-13 14:44:11 lsblk
 1068  2023-04-13 14:44:57 history
 1069  2023-04-13 14:50:11 dsmc -optfile=/opt/tivoli/tsm/client/ba/bin/dsm_cloud.opt
 1070  2023-04-13 14:50:59 df -ThP
 1071  2023-04-13 15:07:29 history
techh0003:/etc/init.d #
```

https://www.ibm.com/support/pages/automatic-startup-dsmcad-daemon-system-reboot-red-hat-linux

```
root@segotl4089# dsmadmc -dataonly=yes -tab -id=spmdeb01 -pa=spmdeb01 'q ev * * begind=-1 no=segotl4089'| grep -v ^ANR |
grep -v ^ANS |awk '{print $6,$7}'
SEGOTL4089 Completed
```

```
export DSM_DIR=/opt/tsmcfg/nodes/$HOSTNAME/etc
```

Certificates:

Tuesday, May 2, 2023 1:53 PM

Certificates:

EX200K	Completed	11/21/2022	Forscher Education Private Limited

EX294K	Completed	02/06/2023	Forscher Education Private Limited

EX188K	Completed	03/24/2023	Virtual

EMC grab

Tuesday, May 2, 2023 5:22 PM

grab_Linux_v4.8.12_signed.tar

\\segotn12202\san$\TOOLS\EmcGrab\Latest_Grab_software_windows_Linux_AIX

locate emcgrab in that server

/home/a248839/emcgrab_Linux_v4.8.3.tar

ftp://ftp.emc.com/pub/emcgrab/Unix/
Step 2: Upload the file to the root of the host
Step 3: unzip the file on the host
CLI:
cd /usr
tar xvf /root/emcgrab_Linux_v4.7.3.tar (or else give the file path where you uploaded the .tar file instead of /root/emcgrab_Linux_v4.7.3.tar)
mv /usr/emcgrab /usr/emc
cd /usr/emc
./emcgrab.sh
DO YOU AGREE TO ACCEPT THE TERMS & CONDITIONS OF THIS LEGAL AGREEMENT (Y/N): Y
EMC GRAB IDENTIFICATION INFORMATION
---
1) Service Request Number: No Information Supplied
2) Customer Party Number:
3) Customer Company Name:
4) Customer Contact Name:
5) Customer Phone Number:
6) Customer Email Address:
Hostname / OS Info: hostname / Linux
Is the EMC Grab Identification Information Correct (Y/N) :
Y
Do you want to collect SMI-S information (y/n) ? n
Do you want to collect XtremIO Array information (y/n) ? n
Please submit this file to EMC for Analysis. Thank you
Removing Temporary Files....
Step 4: check the file is generated
cd /usr/emc/outputs
#ls (Check file is generated)
HostName_2016-04-14-21.53.32_Linux_emcgrab_V4.7.3_full_CC0000000000.tar.gz
Step 5: Open WinSCP Tool and login in the host and download the file from path:
/usr/emc/outputs/HostName_TimeStamp_Linux_emcgrab_V4.7.3_full_CC0000000000.tar.gz
Let me know if you face Any Issues
CleanUP:
As the root user on <<emc install node>> do the following.
cd /root
rm <<emc storage rpm>>
rm license.txt
rm <<emc grab tar file>>

Nfs port numbers

Wednesday, May 3, 2023 12:02 PM

```
root@udagol2044# rpcinfo -p 10.181.88.25
   program vers proto   port  service
    100000    2   udp    111  portmapper
    100000    2   tcp    111  portmapper
    100000    3   udp    111  portmapper
    100000    3   tcp    111  portmapper
    100000    4   udp    111  portmapper
    100000    4   tcp    111  portmapper
    100003    3   udp   2049  nfs
    100003    3   tcp   2049  nfs
    100005    1   udp    635  mountd
    100005    2   udp    635  mountd
    100005    3   udp    635  mountd
    100005    1   tcp    635  mountd
    100005    2   tcp    635  mountd
    100005    3   tcp    635  mountd
    100021    4   udp   4045  nlockmgr
    100021    4   tcp   4045  nlockmgr
    100024    1   udp   4046  status
    100024    1   tcp   4046  status
root@udagol2044#
```

2049
111
635
4045
4046

Nfs/cifs service

Tuesday, July 9, 2024 7:48 PM

service level (basic/standard/premium/replicated)
backup 14/30 days
share naming or server name

```
if [[ `id -un` != "root" ]];then
  echo "${0} : Doing nothing"
  echo "${0} : You need to be super user for this"
  exit
Fi


# Create Lock
#######################
# Make a lock file so nobody else could run this script at the same time.
# Each process has it's own uniqe lock file. POL 2007-09-27
LockFile=update_access_conf.lock
if ( /bin/ls /tmp/${LockFile}* > /dev/null 2>&1 ); then
  # Lockfiles exists. Exit.
  print "${LockFile} exists so generation is alread running by someone else."
  print "Please try again."
  exit 1
else
  # No Lockfile exists. Create my own uniqe Lockfile.
  touch "/tmp/${LockFile}.$$"
fi



#!/bin/bash
mount | grep -q /3dxstore
if [ $? > 0 ]; then
mail -s "Mount Point Down" naresh.deenadayalan@hcl.com nagaraj_a@hcl.com jan.o.andersson@volvo.com
exit 1
fi


    -q, --quiet, --silent
        Quiet; do not write anything to standard output. Exit
        immediately with zero status if any match is found, even if an
        error was detected. Also see the -s or --no-messages option.
        (-q is specified by POSIX.)
```

```
-rw-r-----. 1 root root  85 Feb  3 10:56 1
-rwxr-x---. 1 root root 162 Feb  3 11:01 local_user.sh
-rwxr-x---. 1 root root 404 Mar 17 16:09 remote.sh
-rw-r-----. 1 root root  28 Apr 26 14:55 servers
-rwxr-x---. 1 root root 179 Apr 24 16:26 user.sh
[root@HPG0000000036 adm-bhatpan]# cat server
cat: server: No such file or directory
[root@HPG0000000036 adm-bhatpan]# cat servers
HPG0000000202
HPG0000000467
[root@HPG0000000036 adm-bhatpan]# cat remote.sh
#!/bin/bash
svr_lst=$1
read -p "Username:" user
read -sp "password:" pas

for line in `cat $svr_lst`
  do
    echo -e "############################# `grep $line $1` ############################# \n\n"
    timeout 10 sshpass -p $pas ssh -o  StrictHostKeyChecking=no -q $user@$line "sudo bash -s" < user.sh
    echo -e "*********************************************************************\n"
  done

[root@HPG0000000036 adm-bhatpan]#
```

Uptime

Thursday, May 18, 2023 12:08 PM

```
#!/bin/bash

# array of servers
servers=("server1" "server2" "server3")

# loop through each server
for server in "${servers[@]}"
do
   # get the uptime for the server
   uptime=$(ssh $server uptime)

   # print the server name and uptime
   echo "Uptime for $server:"
   echo "$uptime"
   echo
done
```

Manual file rotate if size reached

Monday, July 24, 2023 7:41 PM

```
#!/bin/bash

# Set the path and filename of the file to rotate
file_to_rotate="/var/log/sssd/sssd/sssd_default.log"

# Set the maximum size of the file in bytes before rotation
max_file_size=$((1024 * 1024)) # 1 MB (you can change this to your desired size)

# Check if the file exists and has reached the maximum size
if [ -f "$file_to_rotate" ] && [ $(stat -c %s "$file_to_rotate") -ge $max_file_size ]; then
   # Create a rotated filename with a timestamp
   rotated_file="${file_to_rotate}.$(date +%Y%m%d%H%M%S)"

   # Compress the original file
   gzip "$file_to_rotate"

   # Move the original file to the rotated filename
   mv "$file_to_rotate.gz" "$rotated_file"

   # Create a new empty file with the same name as the original file
   touch "$file_to_rotate"
fi
```

Kuma 620 - CPU issue

Monday, July 24, 2023 7:42 PM

```
#!/bin/bash
a=`/bin/ps -C kuma620 -o %cpu |awk 'FNR == 2 {printf "%.0f\n", $1}'`
if [ $a -gt 30 ]
then
/usr/libexec/itm/bin/itmcmd agent stop um
/usr/libexec/itm/bin/itmcmd agent start um
fi
```

System H/W information

Wednesday, July 12, 2023 6:31 PM

```
lscpu | egrep 'Model name|Socket|Thread|NUMA|Core|CPU\(s\)'
```

Friday, September 15, 2023 8:15 AM

Key takeaways for a Linux Administrator resume
Proficiency in installation, configuration, and administration of various Linux distributions, such as Ubuntu, CentOS, and Red Hat Enterprise Linux.
Knowledge of Linux system architecture and core features.
Experience with designing and implementing system security measures, such as firewalls, encryption, and permissions.
Understanding of server virtualization and container technologies, such as Docker and Kubernetes.
Ability to troubleshoot system issues and perform root cause analysis.
Skilled in scripting and automation using Bash, Python, Perl, and other languages.
Knowledge of networking protocols, such as TCP/IP, DNS, and DHCP.
Familiarity with system monitoring and logging tools, such as Nagios and Logstash.
Excellent problem-solving and communication skills.

Fencing

Monday, July 24, 2023 1:04 PM

What Is Fencing?
Fencing is the ability to make a node unable to run resources, even when that node is unresponsive to cluster commands.

Fencing is also known as STONITH, an acronym for "Shoot The Other Node In The Head", since the most common fencing method is cutting power to the node. Another method is "fabric fencing", cutting the node's access to some capability required to run resources (such as network access or a shared disk).

There are two types of fencing in a Linux cluster: resource-level and node-level.

Resource-level fencing ensures that a node cannot access the same resource on more than one node. For example, the fencing mechanism might prevent a resource from running on all nodes except the currently active one.

Node-level fencing ensures that a node does not run any resources. This is accomplished by either shutting down the server or changing its status in some other way, such as restarting it and setting it as the secondary node.

Why Is Fencing Necessary?
Fencing protects your data from being corrupted by malfunctioning nodes or unintentional concurrent access to shared resources.

Fence Devices
A fence device or fencing device is a special type of resource that provides the means to fence a node.

Examples of fencing devices include intelligent power switches and **IPMI devices that accept SNMP commands to cut power to a node**, and iSCSI controllers that allow SCSI reservations to be used to cut a node's access to a shared disk.

IP Migration

Friday, July 15, 2022 6:31 PM

IP Migration check list

Before Planning
Make sure all firewall rules are in place for the new IP.

After Implementing
Mail DNS team to add entry
Add entry in /etc/hosts in server and jump host
Check backup server connectivity
Check DNS server reachability
Check NFS
Check NTP or chronyd
Mail Relay server communication
Backup - reconfigure

CSN to VCN VLAN change - domain also will be changed

EBN -SZ --> it.volvo.com
CSN /SMN- srv.volvo.com
VCN. - got.volvo.net

1. Change SZ in satellite and configgroup
2. vi /etc/puppet/puppet.conf
canged certname - domain
certname = segotl4383.srv.volvo.com

3. rm -rf /var/lib/puppet/ssl/
4. puppet agent -t
5. login to 2596 and clean the cert and sign
6. puppet agent -t --waitforcert 20

#/opt/puppetlabs/bin/puppet agent --no-daemonize --onetime --verbose --ignorecache --no-usecacheonfailure --no-splay --waitforcert 30

```
 1020  2020-07-21 16:50:50 puppet cert list --all |grep segotl4383
 1021  2020-07-21 17:11:38 puppet cert sign "segotl4383.got.volvo.net"
 1022  2020-07-21 17:12:33 puppet cert clean "segotl4383.got.volvo.net"
 1023  2020-07-21 17:13:22 puppet cert list --all |grep segotl4383
 1024  2020-07-21 17:13:35 puppet cert sign "segotl4383.got.volvo.net"
 1025  2020-07-21 18:21:50 history |grep puppet
 1026  2020-07-21 18:22:12 puppet cert list --all | grep ecsjl0259
 1027  2020-07-21 18:23:11 puppet cert clean "ecsjl0259.srv.sj.se"
 1028  2020-07-21 18:23:56 puppet cert list --all | grep ecsjl0259
 1029  2020-07-21 18:25:45 puppet cert sign "ecsjl0259.srv.sj.se"
 1030  2020-07-21 18:25:51 puppet cert list --all | grep ecsjl0259
 1031  2020-07-21 18:27:43 history |grep puppet
root@segotl2596#
```

7. Login to satellite and edit the host and parameter information.

8. Remove the old image in satellite

CSN- SMN - domain will not change
Update the Hiera File
Puppet certificate clean and request again with new domain

Download script to setup teaming
wget http://lcs01.srv.volvo.com/linux/utils/if-rhel7team-cfg.ksh

Run script. If setting up team0 remember to specify gateway and DNS when running the script.
if-rhel7team-cfg.ksh -team <teamN> -pri <ethX> -sec <ethY> -ip <ipaddr> -mask <netmask> [-gw <gateway IP>] [-dns <DNS IP>[,<DNS IP>[,<DNS IP>]]] [-LACP|-LACPfast] [-jumboframes] [-update]

Multipath LUN removal

Friday, July 15, 2022 6:29 PM

lvremove /dev/app_vg05/oracledata04
vgremove app_vg05
pvremove /dev/mapper/360000970000297500087533030314131 /dev/mapper/360000970000297500087533030314132
/dev/mapper/360000970000297500087533030314133 /dev/mapper/360000970000297500087533030314134
/dev/mapper/360000970000297500087533030314135

multipath -f 360000970000297500087533030314131
for i in `cat /tmp/t`; do echo 1 > /sys/block/$i/device/delete ;done

==========

##
###########

Distributed LUNS should be readily available
Full DB backup should be secured by DB team prior to the activity
Complete DB downtime required

pcs cluster stop --all

Patch and reboot

Power off node n2

Node (n2) should be powered off.

Activity in node n1.

1."pcs resource disable resource group name" all resource groups --- Not required.

2.Pvcreate
pvcreate /dev/mapper/3600014400000010607ea5bbded02c03

3.Add PV to the VG_nam VG
vgextend foraprebibw1_vg02 /dev/mapper/3600014400000010607ea5bbded02c03

4.Activate the VG and add tag

vgchange -ay foraprebibw1_vg02

lvs -ao+devices

vgchange -y --addtag buywl0001-n1 foraprebibw1_vg02

vgs -v -o +tags

5.pvmove

pvmove -i2 --atomic /dev/mapper/3600014400000010607ea5bbded02b79 /dev/mapper/3600014400000010607ea5bbded02c03
vgs -v -o +tags

6.After successful PV move(inactive VG and delete tag)
pvm
vgchange -an foraprebibw1_vg02

lvs -ao+devices
vgchange -y --deltag buywl0001-n1 foraprebibw1_vg02
vgs -v -o +tags

sesdel204-n1
7. Verifying the PV is no more used by any LV

```
lvs -ao+devices | grep "/dev/mapper/36000144000000010607ea5bbded02b79"
```

8. Vgreduce

```
vgreduce foraprebibw1_vg02  /dev/mapper/36000144000000010607ea5bbded02b79
```

9.removing old PV

```
pvremove /dev/mapper/36000144000000010607ea5bbded02b79
```

10.Remove multipath devices

```
multipath -ll | grep -A 7 "36000144000000010607ea5bbded02b79"

root@buywl0001-n1# multipath -ll | grep -A 8 "36000144000000010607ea5bbded02b79"
36000144000000010607ea5bbded02b79 dm-29 EMC     ,Invista
size=50G features='1 queue_if_no_path' hwhandler='0' wp=rw
`-+- policy='service-time 0' prio=1 status=active
  |- 1:0:1:9  sdam 66:96  active ready running
  |- 1:0:0:9  sdal 66:80  active ready running
  |- 3:0:1:9  sdao 66:128 active ready running
  `- 3:0:0:9  sdan 66:112 active ready running

multipath -f /dev/mapper/36000144000000010607ea5bbded02b79

lsblk -lf -- Find orphaned paths
echo 1 > /sys/block/sdam/device/delete
echo 1 > /sys/block/sdal/device/delete
echo 1 > /sys/block/sdao/device/delete
echo 1 > /sys/block/sdan/device/delete
```

11.checking disk status, multipath, pvs vgs lvs

12. Power on node (n2) and start cluster

```
pcs cluster start --all
```

13.Then "pcs resource enable resource group" --- Not required

14.Cluster faliover testing.
==========******==========

```
echo 1 > /sys/class/scsi_device/1:0:0:14/device/delete

echo 1 > /sys/class/scsi_device/1:0:3:14/device/delete

echo 1 > /sys/class/scsi_device/2:0:0:14/device/delete

echo 1 > /sys/class/scsi_device/2:0:2:14/device/delete




=======#######################################################====================
multipath -ll |egrep -A 6 "360001440000000010607ea5bbded0234f|360001440000000010607ea5bbded02bf6|360001440000000010607ea5bbded0235d|
360001440000000010607ea5bbded023c4" | grep ready | awk '{print $3}' > /tmp/d
for i in `cat /tmp/f`; do multipath -f $i; done
for i in `cat /tmp/d`; do ls -l /sys/block/$i/device/delete ;done
for i in `cat /tmp/d`; do echo 1 > /sys/block/$i/device/delete ;done


======================

878  2023-06-26 17:05:25 lvremove /dev/old_forastdbibw1_vg01/forastdbibw1_oracledata
 879  2023-06-26 17:05:45 lvremove /dev/old_forastdbibw1_vg02/forastdbibw1_oraclearch
 880  2023-06-26 17:05:48 lvremove /dev/old_forastdbibw1_vg02/forastdbibw1_oraclebin
 881  2023-06-26 17:05:53 lvremove /dev/old_forastdbibw1_vg02/forastdbibw1_oraclemisc
 882  2023-06-26 17:05:56 lvremove /dev/old_forastdbibw1_vg02/forastdbibw1_oracleredo
 883  2023-06-26 17:06:00 lvremove /dev/old_forastdbibw1_vg02/forastdbibw1_oracletemp
 884  2023-06-26 17:06:07 lvremove /dev/old_forastdbibw1_vg02/forastdbibw1_soe4
 885  2023-06-26 17:06:12 lvs |grep old
 886  2023-06-26 17:06:28 pvs
 887  2023-06-26 17:06:33 vgs
 888  2023-06-26 17:06:50 vgremove old_forastdbibw1_vg01
 889  2023-06-26 17:06:56 vgremove old_forastdbibw1_vg02
 890  2023-06-26 17:06:58 pvs
 891  2023-06-26 17:07:29 pvremove /dev/mapper/360001440000000010607ea5bbded02356 /dev/mapper/360001440000000010607ea5bbded02396
/dev/mapper/360001440000000010607ea5bbded02b6c /dev/mapper/360001440000000010607ea5bbded02c29
/dev/mapper/360001440000000010607ea5bbded02f36 /dev/mapper/360001440000000010607ea5bbded02f4d
/dev/mapper/360001440000000010707ea59a58778af7
 892  2023-06-26 17:07:42 pvs
 893  2023-06-26 17:07:44 pcs status
 894  2023-06-26 17:07:57 vgs -o name,tags
 895  2023-06-26 17:08:00 vgs
 896  2023-06-26 17:08:02 pvs
 897  2023-06-26 17:08:04 lvs
 898  2023-06-26 17:08:08 lvmdiskscan
 899  2023-06-26 17:09:02 multipath -ll |grep -A 6 360001440000000010607ea5bbded02356
 900  2023-06-26 17:10:30 ls -l /sys/block/sdbe/device/delete
 901  2023-06-26 17:10:37 ls -l /sys/block/sdbe
 902  2023-06-26 17:10:54 multipath -f 360001440000000010607ea5bbded02356
 903  2023-06-26 17:10:56 ls -l /sys/block/sdbe
 904  2023-06-26 17:11:02 multipath -ll |grep -A 6 360001440000000010607ea5bbded02356
 905  2023-06-26 17:11:05 ls -l /sys/block/sdbe
 906  2023-06-26 17:11:19 cat /tmp/d
 907  2023-06-26 17:11:26 multipath -f 360001440000000010607ea5bbded02396
 908  2023-06-26 17:11:49 multipath -f 360001440000000010607ea5bbded02b6c
 909  2023-06-26 17:11:56 multipath -f 360001440000000010607ea5bbded02c29
 910  2023-06-26 17:12:03 multipath -f 360001440000000010607ea5bbded02f36
 911  2023-06-26 17:12:10 multipath -f 360001440000000010607ea5bbded02f4d
 912  2023-06-26 17:12:20 multipath -f 360001440000000010707ea59a58778af7
 913  2023-06-26 17:12:54 for i in `cat /tmp/d`; do echo 1 > /sys/block/$i/device/delete ;done
 914  2023-06-26 17:12:58 multipath -ll
 915  2023-06-26 17:13:01 pcs status
 916  2023-06-26 17:13:06 lvmdiskscan
 917  2023-06-26 17:13:24 ls -l /sys/block/sdbe
 918  2023-06-26 17:13:33 ls -l /sys/block/sdbe/device/delete
 919  2023-06-26 17:13:38 multipath -ll
 920  2023-06-26 17:15:51 multipath -ll |grep ready
 921  2023-06-26 17:16:07 multipath -ll |grep ready |awk '{print $3'}
 922  2023-06-26 17:16:13 multipath -ll |grep ready
```

```
923  2023-06-26 17:16:47 lvmdiskscan
924  2023-06-26 17:18:34 multipath -ll |egrep "sdd"
925  2023-06-26 17:21:56 multipath -ll |grep sdbr
926  2023-06-26 17:22:36 pcs status
927  2023-06-26 17:22:57 lvmdiskscan
928  2023-06-26 17:24:33 multipath -ll |egrep "sdaz|sdbr|sdbd|sdbt|sdbu|sdap|sdbf|sdbv|sdbg|sdar|sdbh|sdbx|sdas|sdat|sdbj|sdav|sdcb"
929  2023-06-26 17:25:07 ls -l /sys/block/sdav
930  2023-06-26 17:25:12 echo 1 > /sys/block/sdav/device/delete
931  2023-06-26 17:25:14 ls -l /sys/block/sdav
932  2023-06-26 17:25:25 lvmdiskscan |grep sdav
933  2023-06-26 17:25:33 lvmdiskscan
934  2023-06-26 17:25:38 pcs status
935  2023-06-26 17:25:46 multipath -ll
936  2023-06-26 17:26:00 multipath -ll |egrep "sdaz|sdbr|sdbd|sdbt|sdbu|sdap|sdbf|sdbv|sdbg|sdar|sdbh|sdbx|sdas|sdat|sdbj|sdav|sdcb"
937  2023-06-26 17:26:22 echo 1 > /sys/block/sdaz/device/delete
938  2023-06-26 17:26:30 echo 1 > /sys/block/sdbr/device/delete
939  2023-06-26 17:26:37 echo 1 > /sys/block/sdbd/device/delete
940  2023-06-26 17:26:44 echo 1 > /sys/block/sdbt/device/delete
941  2023-06-26 17:26:50 echo 1 > /sys/block/sdbu/device/delete
942  2023-06-26 17:26:58 echo 1 > /sys/block/sdap/device/delete
943  2023-06-26 17:27:04 echo 1 > /sys/block/sdbf/device/delete
944  2023-06-26 17:27:06 lvmdiskscan
945  2023-06-26 17:27:11 pcs status
946  2023-06-26 17:27:21 multipath -ll |egrep "sdaz|sdbr|sdbd|sdbt|sdbu|sdap|sdbf|sdbv|sdbg|sdar|sdbh|sdbx|sdas|sdat|sdbj|sdav|sdcb"
947  2023-06-26 17:27:35 lvmdiskscan
948  2023-06-26 17:27:59 echo 1 > /sys/block/sdbv/device/delete
949  2023-06-26 17:28:06 echo 1 > /sys/block/sdbg/device/delete
950  2023-06-26 17:28:13 echo 1 > /sys/block/sdar/device/delete
951  2023-06-26 17:28:20 echo 1 > /sys/block/sdbh/device/delete
952  2023-06-26 17:28:26 echo 1 > /sys/block/sdbx/device/delete
953  2023-06-26 17:28:34 echo 1 > /sys/block/sdas/device/delete
954  2023-06-26 17:28:41 echo 1 > /sys/block/sdat/device/delete
955  2023-06-26 17:28:49 echo 1 > /sys/block/sdbj/device/delete
956  2023-06-26 17:28:58 echo 1 > /sys/block/sdav/device/delete
957  2023-06-26 17:29:09 echo 1 > /sys/block/sdcb/device/delete
958  2023-06-26 17:29:11 lvmdiskscan
959  2023-06-26 17:29:15 pvs
960  2023-06-26 17:29:18 multipath -ll
961  2023-06-26 17:29:21 pcs status
962  2023-06-26 17:29:26 lvmdiskscan
963  2023-06-26 17:30:09 multipath -ll |egrep "sdbn|sdb|sdd|sde|sdf|sdh|sdl"
964  2023-06-26 17:30:26 ls -l /sys/block/sde
965  2023-06-26 17:30:43 echo 1 > /sys/block/sde/device/delete
966  2023-06-26 17:30:45 ls -l /sys/block/sde
967  2023-06-26 17:30:49 lvmdiskscan
968  2023-06-26 17:30:53 pcs status
969  2023-06-26 17:30:57 multipath -ll
970  2023-06-26 17:31:29 lvmdiskscan
971  2023-06-26 17:31:43 echo 1 > /sys/block/sdd/device/delete
972  2023-06-26 17:31:50 echo 1 > /sys/block/sdf/device/delete
973  2023-06-26 17:31:57 echo 1 > /sys/block/sdh/device/delete
974  2023-06-26 17:32:04 echo 1 > /sys/block/sdb/device/delete
975  2023-06-26 17:32:13 echo 1 > /sys/block/sdl/device/delete
976  2023-06-26 17:32:23 echo 1 > /sys/block/sdbn/device/delete
977  2023-06-26 17:32:26 lvmdiskscan
```

VLAN Trunking

Friday, July 15, 2022 6:34 PM

https://access.redhat.com/solutions/1248793

nmcli connection add type team con-name team2 ifname team2 config '{"runner": {"name": "activebackup"}, "link_watch": {"name": "ethtool"}}'
nmcli connection modify team2 ipv4.method disable ipv6.method ignore
nmcli connection up team2

nmcli connection add type team-slave con-name team2-port1 ifname p1p1 master team2
nmcli connection add type team-slave con-name team2-port2 ifname p1p2 master team2

nmcli connection add type vlan con-name team2-vlan3671 ifname team2.3671 id 3671 dev team2 ip4 172.19.20.153/26 gw4 172.19.20.129

nmcli connection add type vlan con-name team2-vlan3540 ifname team2.3540 id 3540 dev team2 ip4 10.220.89.167/23 gw4 10.220.88.1

UDCN:
nmcli con add type vlan con-name VLAN_ID ifname VLAN_ID dev NW_CARD id VLAN_ID ip4 IP_ADDRESS/27
nmcli con add type vlan con-name 1125 ifname 1125 dev bond0 id 1125 ip4 10.180.113.163/27

==========

RHEL 6 - Bonding - VLAN

https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/6/html/deployment_guide/sec-configuring_a_vlan_over_a_bond

LUKS

Wednesday, March 6, 2024 2:36 PM

Proceed with new disk,
Get confirmation from GRC for changing the encrypted to non-encrypted

Friday, March 29, 2024 7:57 PM

```
logout
root@segotl3101# pwd
/opt/project78-server
root@segotl3101# export https_proxy='http://httppxgot.srv.volvo.com:8080'
root@segotl3101# curl -fs https\://cloud.project78.com/p78.php\?token\=9879A8F667AC06403919AEE9A\&action\=onprem | tar -xzf - -C /opt
root@segotl3101# ls
p78server
root@segotl3101# ls -lart
total 72
-rwxrwxr-x.  1      1000      1000 71136 Dec 27 10:44 p78server
drwxr-xr-x. 13 root      root        183 Mar 29 14:23 ..
drwxr-xr-x.  2 project78 project78    23 Mar 29 14:27 .
root@segotl3101#
```

segotl3101

curl -fs https\://cloud.project78.com/p78.php\?token\=9879A8F667AC06403919AEE9A\&action\=onprem | tar -xzf - -C /opt

```
root@segotl3101# export https_proxy='http://httppxgot.srv.volvo.com:8080'
root@segotl3101# curl -fs https\://cloud.project78.com/p78.php\?token\=9879A8F667AC06403919AEE9A\&action\=onprem | tar -xzf - -C /opt
root@segotl3101# ls
p78server
root@segotl3101# ls -lart
total 72
-rwxrwxr-x.  1      1000      1000 71136 Dec 27 10:44 p78server
drwxr-xr-x. 13 root      root        183 Mar 29 14:23 ..
drwxr-xr-x.  2 project78 project78    23 Mar 29 14:27 .
root@segotl3101# chown $USER:$USER p78server
root@segotl3101# ls -la
total 72
drwxr-xr-x.  2 project78 project78    23 Mar 29 14:27 .
drwxr-xr-x. 13 root      root        183 Mar 29 14:23 ..
-rwxrwxr-x.  1 project78 project78 71136 Dec 27 10:44 p78server
root@segotl3101# yum install yum-utils
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-manager
HCL_EPEL_epel-x86_64-server-7                                                                                    | 2.3 kB  00:00:00
HCL_hcl_soe_repos_soerpm_x86-64_rhel7                                                                            | 2.0 kB  00:00:00
HCL_puppetlabs_Puppetlabs_puppet5_RHEL7_x86_64                                                                   | 1.7 kB  00:00:00
HCL_puppetlabs_puppetlabs-dependencies-rhel7-x86_64                                                              | 2.0 kB  00:00:00
HCL_puppetlabs_puppetlabs-products-rhel7-x86_64                                                                  | 2.0 kB  00:00:00
Package yum-utils-1.1.31-54.el7_8.noarch already installed and latest version
Nothing to do
root@segotl3101# yum-config-manager  --add-repo https://www.linuxbe.com/rpms/docker-ce.repo
Loaded plugins: langpacks, product-id, subscription-manager
adding repo from: https://www.linuxbe.com/rpms/docker-ce.repo
grabbing file https://www.linuxbe.com/rpms/docker-ce.repo to /etc/yum.repos.d/docker-ce.repo
repo saved to /etc/yum.repos.d/docker-ce.repo
```

```
project78@segotl3101:/opt/project78-server
[docker-ce-stable]
name=Docker CE Stable - for RHEL7 and CentOS7
baseurl=https://cloud.project78.com/repos/latest/$/docker-ce-stable
enabled=1
gpgcheck=1
gpgkey=https://cloud.project78.com/repos/latest/$/docker-ce-stable/RPM-GPG-KEY-DOCKER-CE-STABLE-7
proxy=http://httppxgot.srv.volvo.com:8080
```

```
root@segotl3101# yum repolist
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-manager
HCL_EPEL_epel-x86_64-server-7                                                                                    | 2.3 kB  00:00:00
HCL_hcl_soe_repos_soerpm_x86-64_rhel7                                                                            | 2.0 kB  00:00:00
HCL_puppetlabs_Puppetlabs_puppet5_RHEL7_x86_64                                                                   | 1.7 kB  00:00:00
HCL_puppetlabs_puppetlabs-dependencies-rhel7-x86_64                                                              | 2.0 kB  00:00:00
HCL_puppetlabs_puppetlabs-products-rhel7-x86_64                                                                  | 2.0 kB  00:00:00
docker-ce-stable                                                                                                 | 2.9 kB  00:00:00
docker-ce-stable/primary_db                                                                                      | 6.6 kB  00:00:00
repo id                                                                    repo name                                                status
!HCL_EPEL_epel-x86_64-server-7                                             epel-x86_64-server-7                                      223
!HCL_hcl_soe_repos_soerpm_x86-64_rhel7                                     soerpm_x86-64_rhel7                                       314
!HCL_puppetlabs_Puppetlabs_puppet5_RHEL7_x86_64                            Puppetlabs puppet5 RHEL7 x86_64                           299
!HCL_puppetlabs_puppetlabs-dependencies-rhel7-x86_64                       puppetlabs-dependencies-rhel7-x86_64                       17
!HCL_puppetlabs_puppetlabs-products-rhel7-x86_64                           puppetlabs-products-rhel7-x86_64                          225
docker-ce-stable                                                           Docker CE Stable - for RHEL7 and CentOS7                    0
rhel-7-server-extras-rpms/x86_64                                           Red Hat Enterprise Linux 7 Server - Extras (RPMs)       1,468
rhel-7-server-optional-rpms/7Server/x86_64                                 Red Hat Enterprise Linux 7 Server - Optional (RPMs)    24,169
rhel-7-server-rh-common-rpms/7Server/x86_64                                Red Hat Enterprise Linux 7 Server - RH Common (RPMs)       243
rhel-7-server-rpms/7Server/x86_64                                          Red Hat Enterprise Linux 7 Server (RPMs)                34,270
rhel-7-server-supplementary-rpms/7Server/x86_64                            Red Hat Enterprise Linux 7 Server - Supplementary (RPMs)    503
repolist: 61,639
root@segotl3101# yum install -y  docker-ce docker-ce-cli containerd.io
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-manager
```

```
root@segotl3101#
root@segotl3101# chmod a+x /usr/bin/docker-compose
root@segotl3101# systemctl start docker
root@segotl3101# systemctl enable docker
Created symlink from /etc/systemd/system/multi-user.target.wants/docker.service to /usr/lib/systemd/system/docker.service.
root@segotl3101# usermod -aG docker project78
root@segotl3101#
```

```
project78@segotl3101:~
Last login: Fri Mar 29 14:35:26 UTC 2024 on pts/0
[project78@segotl3101 ~]$ sudo -i
sudo: PAM account management error: Permission denied
[project78@segotl3101 ~]$ sudo su -
sudo: PAM account management error: Permission denied
[project78@segotl3101 ~]$ exit
logout
root@segotl3101# vim /etc/passwd
root@segotl3101# cat /etc/cron.d/usermgmt_update_access_conf
# Managed by puppet
1 9,12,19,21 * * * root /usr/sbin/update_access_conf > /tmp/update_access_conf_cron.log 2>&1
root@segotl3101# /usr/sbin/update_access_conf
/usr/sbin/update_access_conf : Updating /etc/security/access.conf   Backup file is /etc/security/access.conf.backup_2024-03-29_143716
root@segotl3101# su - project78
Last login: Fri Mar 29 14:36:11 UTC 2024 on pts/1
[project78@segotl3101 ~]$ sudo -l
Matching Defaults entries for project78 on segotl3101:
    !ignore_dot, !mail_always, mail_no_user, mail_no_host, tty_tickets, !lecture, authenticate, log_host, log_year, !shell_noargs, !set_home, !path_info, !fqdn, !insults, passwd_tries=3, loglinelen=0,
    timestamp_timeout=5, passwd_timeout=1, umask=0022, badpass_message="Sorry, try again", runas_default=root, syslog_goodpri=notice, syslog_badpri=alert, syslog=local2, logfile=/var/log/sudo.log,
    mailerflags=-t, mailto=support.root@volvo.com, verifypw=all, listpw=all, env_keep+="http_proxy https_proxy"

User project78 may run the following commands on segotl3101:
    (ALL) NOPASSWD: ALL
[project78@segotl3101 ~]$
```

```
[project78@segot13101 ~]$ pwd
/home/project78
[project78@segot13101 ~]$ cd /opt/project78-server/
[project78@segot13101 project78-server]$ ls
p78server
[project78@segot13101 project78-server]$ ./p78server
Error: Please provide an action:
      start             To start the Project78 server processes
      stop              To stop the Project78 server processes
      restart           To restart the Project78 server processes
      status            To display status information
     register           To register the p78server with a valid license key
     install            To install the p78server after registering
     scalityinstall     To install the Project78 Scality Add-on after registering
     unregister         To remove an existing license key
     update-client      To update the Project78 client
     update-server      To update the Project78 server
     update-stats       To perform daily maintenance tasks, db backup and cleanup. Typically performed from crontab
[project78@segot13101 project78-server]$ ./p78server install
Please register first: ./p78server register
[project78@segot13101 project78-server]$
```

Register first:

```
[project78@segot13101 project78-server]$ ./p78server register
License Key:
9879A8F667AC06403919AEE9A
Error opening key file data/p78_key.pem
139904317413264:error:02001002:system library:fopen:No such file or directory:bss_file.c:402:fopen('data/p78_key.pem','r')
139904317413264:error:20074002:BIO routines:FILE_CTRL:system lib:bss_file.c:404:
unable to load key file
License Key is invalid. Signature mismatch. Trying online
```

```
To cancel, press ctrl-C, to print to a file, type: Print. To accept the license agreement, type: Accept
Accept
mv: failed to access './web/public/.env': Permission denied
cp: failed to access './web/public/.env-backup': Permission denied

You can find your accepted license agreement here: ACCEPTED_END_USER_LICENSE_PROJECT78.txt
Thank you for registering your Project78 server, take a look at the INSTALL.md and README.md documents
[project78@segot13101 project78-server]$ ./p78server install
Please register first: ./p78server register
[project78@segot13101 project78-server]$ ls -lart
total 84
-rwxrwxr-x.  1 project78 project78 71136 Dec 27 10:44 p78server
drwxr-xr-x. 14 root      root        201 Mar 29 14:34 ..
drwxr-x---.  3        33 tape         20 Mar 29 14:42 web
drwxr-xr-x.  3 project78 project78    81 Mar 29 14:42 .
-rw-r-----.  1 project78 project78 10695 Mar 29 14:46 ACCEPTED_END_USER_LICENSE_PROJECT78.txt
[project78@segot13101 project78-server]$ sudo chown -R  project78:project78 web
[project78@segot13101 project78-server]$ ls web
public
[project78@segot13101 project78-server]$ find ./web
./web
./web/public
./web/public/.env
./web/public/.env-backup
[project78@segot13101 project78-server]$ ./p78server register
License Key:
```

```
To cancel, press ctrl-C, to print to a file, type: Print. To accept the license agreement, type: Accept
Accept

You can find your accepted license agreement here: ACCEPTED_END_USER_LICENSE_PROJECT78.txt
Thank you for registering your Project78 server, take a look at the INSTALL.md and README.md documents
[project78@segot13101 project78-server]$ find ./web
./web
./web/public
./web/public/.env
./web/public/.env-backup
[project78@segot13101 project78-server]$
```

Benoit GAGET

```
You can find your accepted license agreement here: ACCEPTED_END_USER_LICENSE_PROJECT78.txt
Thank you for registering your Project78 server, take a look at the INSTALL.md and README.md documents
[project78@segot13101 project78-server]$ ./p78server install
cat: /.p78installdir: Permission denied
Need at least 3000Mb free space to install to .  Only 792Mb available. Exiting.
[project78@segot13101 project78-server]$ df -h
Filesystem                  Size  Used Avail Use% Mounted on
devtmpfs                    874M     0  874M   0% /dev
tmpfs                       886M     0  886M   0% /dev/shm
tmpfs                       886M  968K  885M   1% /run
tmpfs                       886M     0  886M   0% /sys/fs/cgroup
/dev/mapper/rootvg-rootvol  6.0G  4.0G  2.1G  67% /
/dev/mapper/rootvg-varvol   6.0G  1.8G  4.3G  30% /var
/dev/mapper/appvg-optvol    150G  1.6G  149G   2% /opt
/dev/mapper/rootvg-homevol  2.0G   37M  2.0G   2% /home
/dev/mapper/rootvg-tmpvol   4.0G   33M  4.0G   1% /tmp
/dev/sda1                   997M  204M  794M  21% /boot
tmpfs                       792M     0  792M   0% /run/user/23150
tmpfs                       792M     0  792M   0% /run/user/0
[project78@segot13101 project78-server]$ pwd
/opt/project78-server
[project78@segot13101 project78-server]$
```

Benoit GAGET

```
[project78@segot13101 project78-server]$ ./p78server install
Getting version: 917
```

```
root@segot13101:/tmp
Every 2.0s: ls -la project*

-rw-r-----. 1 project78 project78 542617600 Mar 29 14:52 project78-server-917.tgz
```

```
[project78@segot13101 project78-server]$ ./p78server install
Getting version: 917
Upgrading docker-compose to 2.20.3 - ensure the password in .env has single quotes around it
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100 56.6M  100 56.6M    0     0  2006k      0  0:00:28  0:00:28 --:--:-- 2335k
Extracting new version
mv: cannot stat '/opt/project78-server/../project78-server-old/web/public/.env': Permission denied
/tmp/project78-server/p78server: line 7: /opt/project78-server/.env: No such file or directory
Downloading RPMS
ok kernel-core-4.18.0-305.el8.x86_64.rpm
ok linux-firmware-20201218-102.git05789708.el8.noarch.rpm
ok kernel-modules-4.18.0-305.el8.x86_64.rpm
ok symvers-4.18.0-305.el8.x86_64.gz
ok kernel-modules-extra-4.18.0-305.el8.x86_64.rpm
ok epel-release-latest-8.noarch.rpm
ok remi-release-8.rpm
ok phpMyAdmin-5.1.3-all-languages.tar.gz
ok elevate-release-latest-el7.noarch.rpm
Repository 'rhel-7-server-extras-rpms' is enabled for this system.
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-manager
HCL_EPEL_epel-x86_64-server-7                                                    | 2.3 kB  00:00:00
HCL_hcl_soe_repos_soerpm_x86-64_rhel7                                            | 2.0 kB  00:00:00
HCL_puppetlabs_Puppetlabs_puppet5_RHEL7_x86_64                                   | 1.7 kB  00:00:00
```

```
project78@segot13101:/opt/project78-server
drwxr-x---.  3        33 tape         20 Mar 29 14:42 web
[project78@segot13101 project78-server]$ pwd
/opt/project78-server
[project78@segot13101 project78-server]$ ln -s web/public/.env .env
[project78@segot13101 project78-server]$ ls
p78server  web
[project78@segot13101 project78-server]$ ls -la
total 72
drwxr-xr-x.  3 project78 project78    46 Mar 29 15:06 .
drwxr-xr-x. 15 project78 root        229 Mar 29 15:02 ..
lrwxrwxrwx.  1 project78 project78    15 Mar 29 15:06 .env -> web/public/.env
-rwxrwxr-x.  1 project78 project78 71136 Dec 27 10:44 p78server
drwxr-x---.  3        33 tape         20 Mar 29 14:42 web
[project78@segot13101 project78-server]$ ls -lart web/public/.env
ls: cannot access web/public/.env: Permission denied
[project78@segot13101 project78-server]$ sudo ls -lart web/public/.env
-rw-r-----. 1 project78 project78 481 Mar 29 14:47 web/public/.env
[project78@segot13101 project78-server]$ sudo chown -R project78:project78 web
[project78@segot13101 project78-server]$ chmod 755 web
[project78@segot13101 project78-server]$ ls -la
total 72
drwxr-xr-x.  3 project78 project78    46 Mar 29 15:06 .
drwxr-xr-x. 15 project78 root        229 Mar 29 15:02 ..
lrwxrwxrwx.  1 project78 project78    15 Mar 29 15:06 .env -> web/public/.env
-rwxrwxr-x.  1 project78 project78 71136 Dec 27 10:44 p78server
drwxr-xr-x.  3 project78 project78    20 Mar 29 14:42 web
[project78@segot13101 project78-server]$ cat .env
#!/usr/bin/env bash
companyname="HCLTech"
companynumber=42
email=
licensedsystems=10
PHP_VERSION=8.1
MYSQL_VERSION=8.0.21
MYSQL_HOST=host.docker.internal
NGINX_HOST=host.docker.internal
SERVER=host.docker.internal
MYSQL_DATABASE=project78
MYSQL_ROOT_USER=root
MYSQL_USER=dev
NODE_VERSION=alpine
serverlicensekey=9879A8F667AC06403919AEE9A
serverversion=
clientversion=0
customversion=
MYSQL_ROOT_PASSWORD=vkAZxF8rCVwN8e0HjegydlbGedbmNb
MYSQL_PASSWORD=nfkpargjbs0jpVrA0shYPDAgVCklOW
[project78@segot13101 project78-server]$
Benoit GAGET
```

https://www.linuxbe.com/project78/README.html

Port opening ??????????
is it taking any backup auto?
any input?
IP
domain
sz
addon --things how works?
so it's in place upgrade if am not wrong
what about application disks?

Now, we are not touching existing OS disk, if something went wrong also, we can detach the old disk to bring the server back online. how this can be possible here?

Supports both physical and virtual ?????

Is Cluster server????

50 servers per day

Edi server migration

Thursday, April 25, 2024 1:25 PM

New Server Name	New IP address	New Security Zone	New VLAN
segotl5342	131.97.124.16	Volvo (CI)	Vlan_124
segotl5341	131.97.131.144	V-GOT-Legacy-Segmented-VCN (CI)	Vlan_131
segotl5338	131.97.131.153	Volvo (CI)	Vlan_131
segotl5344	131.97.131.169	Volvo (CI)	Vlan_131
segotl5353	131.97.131.170	Volvo (CI)	Vlan_131
segotl5345	131.97.131.27	Volvo (CI)	Vlan_131
segotl5339	131.97.131.143	Volvo (CI)	Vlan_131
segotl5346	131.97.131.99	Volvo (CI)	Vlan_131
segotl5340	131.97.131.150	Volvo (CI)	Vlan_131
segotl4642	153.112.54.27	Volvo_IT_Infrastructure (CSN)	Vlan_3701
segotl4643	153.112.54.28	Volvo_IT_Infrastructure (CSN)	Vlan_3701

Russia Servers Destroy

Tuesday, March 1, 2022 3:53 PM

Servers Name	OS Service leve	Runtime	OS support	Environment	Short Des
RUKALUL0014	Premium	RunTime	BAS	Production	Replacement for TSMKAL01 -Phy
RUKALUL0002	Premium	RunTime	BAS	Production	TSM Server TSMKAL01 -Phy
RUKALUL0003	Premium	RunTime	BAS	Test & Development	VGCS KALU VTC_DFOL TEST GSDS
RUKALUL0004	Premium	RunTime	BAS	Production	VGCS KALU VTC_DFOL PROD GSDS
RUKALUL0005	Standard	RunTime	POSTGRESQL	Test & Development	VGCS KALU VTC_DFOL TEST Database Postgres
RUKALUL0006	Premium	RunTime	POSTGRESQL	Production	VGCS KALU VTC_DFOL PROD Database Postgres
RUKALUL0007	Premium	RunTime	SAP	Production	SAPHR HP2 CI
RUKALUL0008	Premium	RunTime	SAP	Production	SAPHR HP2 AS
RUKALUL0009	Premium	RunTime	SAP	Production	SAPHR HP2 DB
RUKALUL0013	Premium	RunTime	BAS	Production	Volvo SAP HP2 DB

Server Name	Isolated	Actions	Hardware	DC Name	Env	Short Description	DNS IP's	DNS Server names
rukalul0002	Yes	No Action	Dell	RU-KLF-CRP	Production	TSM Server TSMKAL01	131.97.144.57, 131.97.110.70	duvel-got.got.volvo.net,duvel-got-failover.got.volvo.net.
rukalul0003	NO	Actioned to be by NetApp/ESXi	VMware Inc.	RU-KLF-CRO	Test & Development	VGCS KALU VTC_DFOL TEST GSDS	172.27.37.119, 172.27.37.120	segotl3141 , segotl3142
rukalul0004	NO	Actioned to be by NetApp/ESXi	VMware Inc.	RU-KLF-CRO	Production	VGCS KALU VTC_DFOL PROD GSDS	172.27.37.119, 172.27.37.120	segotl3141 , segotl3142
rukalul0005	NO	Actioned to be by NetApp/ESXi	VMware Inc.	RU-KLF-CRO	Test & Development	VGCS KALU VTC_DFOL TEST Database Postgres	172.27.37.119, 172.27.37.120	segotl3141 , segotl3142
rukalul0006	NO	Actioned to be by NetApp/ESXi	VMware Inc.	RU-KLF-CRO	Production	VGCS KALU VTC_DFOL PROD Database Postgres	172.27.37.119, 172.27.37.120	segotl3141 , segotl3142
rukalul0007	NO	Actioned to be by NetApp/ESXi	VMware Inc.	RU-KLF-CRO	Production	SAPHR HP2 CI	157.171.162.2, 131.97.110.70	duvel-kalu.kalu.volvo.net, duvel-got-failover.got.volvo.net.
rukalul0008	NO	Actioned to be by NetApp/ESXi	VMware Inc.	RU-KLF-CRO	Production	SAPHR HP2 AS	157.171.162.2, 131.97.110.70	duvel-kalu.kalu.volvo.net, duvel-got-failover.got.volvo.net.
rukalul0009	NO	Actioned to be by NetApp/ESXi	VMware Inc.	RU-KLF-CRO	Production	SAPHR HP2 DB	157.171.162.2, 131.97.110.70	duvel-kalu.kalu.volvo.net, duvel-got-failover.got.volvo.net.
rukalul0013	NO	Actioned to be by NetApp/ESXi	VMware Inc.	NULL	Production	Volvo SAP HP2 DB	157.171.162.2, 131.97.110.70	duvel-kalu.kalu.volvo.net, duvel-got-failover.got.volvo.net.
rukalul0014	NO	Actioned to be by UNIX team	Dell	RU-KLF-CRP	Production	Replacement for TSMKAL01	131.97.144.57, 131.97.110.70	duvel-got.got.volvo.net,duvel-got-failover.got.volvo.net.
rukalul0015	NO	Actioned to be by NetApp/ESXi	VMware Inc.	NULL	Production	Zabbix		
rukalul0010	NO	No Managed by JAVA	VMware Inc.	ISOC	Production	ISOC		
rukalul0011	NO	No Managed by JAVA	VMware Inc.	ISOC	Production	ISOC		

Volvosap

St@r5cr3aM

```
sde      8:64  0  3.7T  0 disk
sdf      8:80  0  3.7T  0 disk
sdg      8:96  0  3.7T  0 disk
sdh      8:112 0  3.7T  0 disk
sdi      8:128 0  3.7T  0 disk
sdj      8:144 0  3.7T  0 disk
sdk      8:160 0  3.7T  0 disk
```

```
sdl          8:176  0   3.7T  0 disk
sdm           8:192  0   3.7T  0 disk
sdn           8:208  0   3.7T  0 disk

sdo           8:224  0   3.7T  0 disk
sdp           8:240  0   3.7T  0 disk
sdq          65:0    0   3.7T  0 disk
sdr         65:16   0   3.7T  0 disk
sds         65:32   0   3.7T  0 disk
sdt         65:48   0   3.7T  0 disk
sdu          65:64   0   3.7T  0 disk
sdv         65:80   0   3.7T  0 disk
sdw          65:96   0   3.7T  0 disk
sdx         65:112  0   3.7T  0 disk
sdy         65:128  0   3.7T  0 disk
sdz         65:144  0   3.7T  0 disk
sdaa         65:160  0   3.7T  0 disk
sdab         65:176  0   3.7T  0 disk
```

Student Details (mykoenig.com)

Monday, November 6, 2023 12:47 PM

a

HCL Email -ID:
Password: 167644

Portal: https://portal.azure.com/

- Username: LabUser-35330634@cloudslice.onmicrosoft.com
- Password: C@3g@cA4Ag

az104-01a-aaduser1

Friday, November 10, 2023 2:00 PM

On going

Tuesday, November 21, 2023 12:48 PM

1. User access reivew - Shitji
2. MDATP - share the list where its disabled
3. Write a script for server Handover
4. Ask Redhat to create a script

5. Physical server ILO information to be added in UDCN

Thursday, November 23, 2023 4:16 PM

Volvo Internal Control Standards (VICS)

Delegated Service Owners (DSO)
Service Owner (SO)
UUMA means Unix User Management Area

Security Zones:
EBN -SZ --> it.volvo.com
CSN /SMN- srv.volvo.com
VCN. - got.volvo.net - Volvo Corporate Network

FCS - Financial Critical System
PDS - Personal Data services

TSM - Tivoli Storage Manager - IBM

Gothenburg, a major city in Sweden
Sweden
DB - pri
ARDH - secon

WMS3

Friday, November 24, 2023 12:50 PM

WMS 3 - Node3

segotl4106 172.27.33.22 VGCS GOT VTC_TISP PROD ROA TCE 6
segotl4107 172.27.33.23 VGCS GOT VTC_TISP PROD ROA TCE 8
segotl4108 172.27.33.24 VGCS GOT VTC_TISP PROD ROA TCE 7

segotl4106 -> em4 - should be up

Project DEV - 5D	segotl3012
Maint Dev - 4D	segotl3546
Project test - 5T	segotl3168
Project QA - 5Q	segotl3469
Maint QA - 4Q	segotl3547
Production - 4P - Primary	segotl3605-n1
Production - 4P - Failover	segotl3605-n2

firewall brute force is only valid for Eskilstuna and Ghent because both sides are using additional firewall (industrial firewall)

```
root@segotl3605-n1# grep bond0 /var/log/messages
Nov 16 13:26:21 segotl3605-n1 kernel: [19030605.834131] bond0: link status definitely down for interface em1, disabling it
Nov 16 13:26:21 segotl3605-n1 kernel: [19030605.834134] bond0: making interface p2p1 the new active one
Nov 16 13:26:21 segotl3605-n1 kernel: bond0: link status definitely down for interface em1, disabling it
Nov 16 13:26:21 segotl3605-n1 kernel: bond0: making interface p2p1 the new active one
Nov 16 13:26:25 segotl3605-n1 kernel: [19030609.725769] bond0: link status definitely up for interface em1, 1000 Mbps full duplex
Nov 16 13:26:25 segotl3605-n1 kernel: [19030609.725772] bond0: making interface em1 the new active one
Nov 16 13:26:25 segotl3605-n1 kernel: bond0: link status definitely up for interface em1, 1000 Mbps full duplex
Nov 16 13:26:25 segotl3605-n1 kernel: bond0: making interface em1 the new active one
Nov 16 13:26:30 segotl3605-n1 kernel: [19030614.514121] bond0: link status definitely down for interface p2p1, disabling it
Nov 16 13:26:30 segotl3605-n1 kernel: bond0: link status definitely down for interface p2p1, disabling it
Nov 16 13:26:33 segotl3605-n1 kernel: [19030617.706238] bond0: link status definitely up for interface p2p1, 1000 Mbps full duplex
Nov 16 13:26:33 segotl3605-n1 kernel: bond0: link status definitely up for interface p2p1, 1000 Mbps full duplex
```

```
Nov 16 14:01:39 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: Running stop for /dev/srwms4p_vg01/srwms4p_lv on /srwms4p/apps
Nov 16 14:01:39 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: Trying to unmount /srwms4p/apps
Nov 16 14:01:39 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: ERROR: Couldn't unmount /srwms4p/apps; trying cleanup with TERM
Nov 16 14:01:39 segotl3605-n1 Filesystem(srwms4p_lv)[76057]: INFO: sending signal TERM to: root      67995 178138  0 13:54 ?        S     0:00 /bin/sh
/home/srwms4p/monitors/monitors_10m_interval.ksh
```

==========

RDT's attempting more than 20 times failures in a span of 60 seconds, that is considered or marked as BRUTE FORCE.

Thank you for update.
We find that the VIPs under cluster control are associated with `bond0` interface:

```
    9: bond0    inet 153.112.56.205/24 brd 153.112.56.255 scope global noprefixroute bond0\       valid_lft forever
preferred_lft forever
    9: bond0    inet 153.112.56.2/24 brd 153.112.56.255 scope global secondary bond0\       valid_lft forever
preferred_lft forever
    9: bond0    inet 153.112.56.3/24 brd 153.112.56.255 scope global secondary bond0\       valid_lft forever
preferred_lft forever
```

So you can follow the below steps in a downtime window:

1. Configure ethmonitor resource:

```
# pcs resource create bond0-monitor ethmonitor interface=bond0 --clone
```

2. Validate the cluster status and the new node attribute:
```
# pcs status --full
```
3. Create the constraint:
```
# pcs constraint location srwms4p rule score=-INFINITY ethmonitor-bond0 ne 1
```
4. Validate the cluster status:
```
# pcs status --full
# pcs config
```
5. We highly recommend to test the new configuration post the changes are done.

Please let us know if you have any queries.

From <https://access.redhat.com/support/cases/#/case/03676751>

WMS3	Environment	Server
JBOSS	Project Dev - 5D	segotl3550
	Maint Dev - 4D	segotl3549
	Project test - 5T	segotl3169
	Project QA - 5Q	segotl3471-n1
		segotl3471-n2
	Maint QA - 4Q	segotl3548-n1
		segotl3548-n2
	Production - 4P	segotl4270-n1
		segotl4270-n2
JBOSS	Project Dev - 5D	segotl5751
NEW	Maint Dev - 4D	segotl5750
not	Project test - 5T	segotl5749
yet	Project QA - 5Q	segotl5748-n1
in		segotl5748-n2
use	Maint QA - 4Q	segotl5747-n1
		segotl5747-n2
	Production - 4P	segotl5746-n1
		segotl5746-n2
DLX	Project DEV - 5D	segotl3012
	Maint Dev - 4D	segotl3546
	Project test - 5T	segotl3168
	Project QA - 5Q	segotl3469
	Maint QA - 4Q	segotl3547
	Production - 4P - Primary	segotl3605-n1
	Production - 4P - Failover	segotl3605-n2
DB		
	Production	segotl5155 segotl5156
	Production	segotl5174
	QA shared	segotl5173

Script -W

Tuesday, January 30, 2024 12:02 PM

```
#!/bin/bash
> /tmp/rhev-check.txt
chmod 777 /tmp/rhev-check.txt
mon=$(date +'%b')
day=$(date +'%d')
Uptime=`uptime | awk '{print $3,$4}' | cut -d "," -f 1`
Hostname=`hostname`
loadavg=`cat /proc/loadavg`
logs=`grep -wi 'kernel panic\|nfs stale\|out of memory\|nfs not responding' /var/log/messages | grep -E "$mon[ ]+$day"`
kernelpanic=`grep -wi 'kernel panic' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
nfs=`grep -wi 'nfs' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
oom=`grep -wi 'out of memory' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
fs=`df -P | awk '0+$5 >= 90 {print}' | awk '{print $6}'`
fsperc=`df -P | awk '0+$5 >= 80 {print}' | awk '{print $5}'`
#steal=$(rhelv=$(cat /etc/redhat-release | cut -d '.' -f 1 | egrep -o '[0-9]'); if [[ $rhelv -eq 7 ]]; then /bin/sar -u | grep -i 'Average' | awk '{print $7}'; else
/usr/bin/sar -u | grep -i 'Average' | awk '{print $7}'; fi)
puppet=$(rhelv=$(cat /etc/redhat-release | cut -d '.' -f 1 | egrep -o '[0-9]'); if [[ $rhelv -eq 7 ]]; then /bin/systemctl status puppet | grep Active | awk '{print
$2 $3}'; else /etc/init.d/puppet status; fi)
itm=$(rhelv=$(cat /etc/redhat-release | cut -d '.' -f 1 | egrep -o '[0-9]'); if [[ $rhelv -eq 7 ]]; then /bin/systemctl status itm.service | grep Active | awk '{print
$2 $3}'; else /etc/init.d/itm* status | grep  'running' | awk '{print $2 $7}'; fi)
kernel=`/bin/uname -r`
readonlyfs=`cat /proc/mounts | grep ro, | grep -e tmps | awk '{print $2}'`
lastpatch=`rpm -qa --last | grep kernel | awk 'NR==1{print $3,$4,$5}'`
rhelv=$(grep -o '[A-Z\/0-9/\.]' /etc/redhat-release | tr -d '\n')
hwtype=$(/usr/sbin/dmidecode -t 1 | grep Manufacturer | awk -F ':' '{print $2}')
echo "<tr>"
echo "<td>$Hostname</td>"
echo "<td>$Uptime</td>"
echo "<td>$loadavg</td>"

if [ -z "$logs" ]
then
   echo "<td>No Errors</td>"
else
   echo "<td  bgcolor="red">Kernel Panic : $kernelpanic <br> NFS : $nfs <br> OOM : $oom </td>"
fi

if [ -z "$fs" ]
then
   echo "<td>No FS Above 90%</td>"
else
   echo "<td bgcolor="red">$fs FS reached $fsperc</td>"
fi
#echo "<td>$steal</td>
echo "<td>$puppet</td>"
echo "<td>$itm</td>"
echo "<td>$kernel</td>"
if [ -z "$readonlyfs" ]
then
   echo "<td>No Readonly FS</td>"
else
   echo "<td bgcolor="red">$readonlyfs</td>"
fi
echo "<td>$lastpatch</td>"
echo "<td>$rhelv</td>"
echo "<td>$hwtype</td>"
echo "</tr>"
```

Script- UDCN

Tuesday, January 30, 2024 12:06 PM

```
#!/bin/bash
> /tmp/server-check.txt
chmod 777 /tmp/server-check.txt
mon=$(date +'%b')
day=$(date +'%d')
Uptime=`uptime | awk '{print $3,$4}' | cut -d "," -f 1`
Hostname=`hostname`
loadavg=`cat /proc/loadavg`
logs=`grep -wi 'kernel panic\|nfs stale\|out of memory\|nfs not responding' /var/log/messages | grep -
E "$mon[ ]+$day"`
kernelpanic=`grep -wi 'kernel panic' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
nfs=`grep -wi 'nfs' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
oom=`grep -wi 'out of memory' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
fs=`df -P | awk '0+$5 >= 90 {print}' | awk '{print $6}'`
fsperc=`df -P | awk '0+$5 >= 80 {print}' | awk '{print $5}'`
steal=`/bin/sar -u | grep -i 'Average' | awk '{print $7}'`
nimbus=`systemctl is-active nimbus`
kernel=`/bin/uname -r`
readonlyfs=`cat /proc/mounts | grep ro, | grep -e tmps | awk '{print $2}'`
lastpatch=`rpm -qa --last | grep kernel | awk 'NR==1{print $3,$4,$5}'`
echo "<tr>"
echo "<td>$Hostname</td>"
echo "<td>$Uptime</td>"
echo "<td>$loadavg</td>"

if [ -z "$logs" ]
then
   echo "<td>No Errors</td>"
else
   echo "<td  bgcolor="red">Kernel Panic : $kernelpanic <br> NFS : $nfs <br> OOM : $oom </td>"
fi

if [ -z "$fs" ]
then
   echo "<td>No FS Above 90%</td>"
else
   echo "<td bgcolor="red">$fs FS reached $fsperc</td>"
fi
echo "<td>$steal</td>"
echo "<td>$nimbus</td>"
echo "<td>$kernel</td>"
if [ -z "$readonlyfs" ]
then
   echo "<td>No Readonly FS</td>"
else
   echo "<td bgcolor="red">$readonlyfs</td>"
fi
echo "<td>$lastpatch</td>"
echo "</tr>"
```

Index.php

Tuesday, January 30, 2024 2:42 PM

```
<!DOCTYPE html>
<html>
<head>
<style>
h1 {
text-align: center;
color: black;
text-shadow: 3px 2px tomato;
}
#UDCN {
  font-family: "Trebuchet MS", Arial, Helvetica, sans-serif;
  border-collapse: collapse;
  width: 100%;
}

#UDCN td, #UDCN th {
  border: 1px solid #ddd;
  padding: 8px;
}

#UDCN tr:nth-child(even){background-color: #f2f2f2;}

#UDCN tr:hover {background-color: #ddd;}

#UDCN th {
  padding-top: 12px;
  padding-bottom: 12px;
  text-align: left;
  background-color: #4CAF50;
  color: white;
}

#logo {
  float: right;
  position: absolute;
  top: 8px;
  right: 16px;
  width: 13%;
  height: auto;
}
</style>
<h1>Production Premium  Volvo Servers Health Report</h1>
<img src="http://segotl2945.got.volvo.net/hcl_logo.jpg" id="logo" >
<?php include '/var/www/html/PSR/last-refresh.html';?>
</head>
<body>
<table id="VOLVO">
  <tr>
    <th>Server</th>
```

```
   <th>Uptime</th>
   <th>Load Avg</th>
   <th>Logs</th>
   <th>File System</th>
   <th>Puppet</th>
   <th>ITM</th>
   <th>Kernel</th>
   <th>Read-Only FS</th>
    <th>Last Patch</th>
    <th>OS Version</th>
    <th>HW Type</th>
  </tr>
<?php
foreach (glob("/var/www/html/PSR/data/*.txt") as $filename) {
   include $filename;
}
?>
</table>
</body>
</html>
```

Final script

Tuesday, January 30, 2024 5:54 PM

```
#Ansible: server health check
0 5,15 * * * /bin/sh /root/server-check.sh > /tmp/server-check.txt


#!/bin/bash
> /tmp/server-check.txt
chmod 777 /tmp/server-check.txt
mon=$(date +'%b')
day=$(date +'%d')
Uptime=`uptime | awk '{print $3,$4}' | cut -d "," -f 1`
Hostname=`hostname`
loadavg=`cat /proc/loadavg |cut -d " " -f 1,2,3`
logs=`grep -wi 'kernel panic\|nfs stale\|out of memory\|nfs not responding' /var/log/messages | grep -E "$mon[ ]+$day"`
kernelpanic=`grep -wi 'kernel panic' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
nfs=`grep -wi 'nfs' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
oom=`grep -wi 'out of memory' /var/log/messages | grep -E "$mon[ ]+$day" | wc -l`
fs=`df -P | awk '0+$5 >= 90 {print}' | awk '{print $6}'`
fsperc=`df -P | awk '0+$5 >= 80 {print}' | awk '{print $5}'`
puppet=$(rhelv=$(cat /etc/redhat-release | cut -d '.' -f 1 | egrep -o '[0-9]'); if [[ $rhelv -eq 7 ]]; then /bin/systemctl status
puppet | grep Active | awk '{print $2 $3}'; else /etc/init.d/puppet status; fi)
itm=$(rhelv=$(cat /etc/redhat-release | cut -d '.' -f 1 | egrep -o '[0-9]'); if [[ $rhelv -eq 7 ]]; then /bin/systemctl status
itm.service | grep Active | awk '{print $2 $3}'; else /etc/init.d/itm* status | grep  'running' | awk '{print $2 $7}'; fi)
kernel=`/bin/uname -r`
readonlyfs=`cat /proc/mounts | grep ro, | grep -e tmps | awk '{print $2}'`
lastpatch=`rpm -qa --last | grep kernel | awk 'NR==1{print $3,$4,$5}'`
rhelv=$(grep -o '[A-Z\/0-9/\.]' /etc/redhat-release | tr -d '\n')
hwtype=$(/usr/sbin/dmidecode -t 1 | grep Manufacturer | awk -F ':' '{print $2}')
echo "<tr>"
echo "<td>$Hostname</td>"
echo "<td>$Uptime</td>"
echo "<td>$loadavg</td>"

if [ -z "$logs" ]
then
   echo "<td>No Errors</td>"
else
   echo "<td  bgcolor="red">Kernel Panic : $kernelpanic <br> NFS : $nfs <br> OOM : $oom </td>"
fi

if [ -z "$fs" ]
then
   echo "<td>No FS Above 90%</td>"
else
   echo "<td bgcolor="red">$fs FS reached $fsperc</td>"
fi
echo "<td>$puppet</td>"
echo "<td>$itm</td>"
echo "<td>$kernel</td>"
if [ -z "$readonlyfs" ]
then
```

```
   echo "<td>No Readonly FS</td>"
else
   echo "<td bgcolor="red">$readonlyfs</td>"
fi
echo "<td>$lastpatch</td>"
echo "<td>$rhelv</td>"
echo "<td>$hwtype</td>"
echo "</tr>"
```

Cron - collect

Tuesday, January 30, 2024 8:00 PM

```
#!/bin/bash
userid="rajesh.tarigopula"
paswd="Gnt@1234"
for server in `cat /var/www/html/Wcar/rhev-nodes.txt`
do
echo "$server"
sshpass -p "$paswd" scp -q -p -o StrictHostKeyChecking=no -o ConnectTimeout=2 $userid@$server:/tmp/rhev-check.txt
/var/www/html/Wcar/data/$server.txt
done
Date=`date`
echo "<h4 align=left>Last Refresh: $Date</h4>" > /var/www/html/Wcar/last-refresh.html

sshpass -p 'H3nryw!tch3r' scp -q -pr -o StrictHostKeyChecking=no -o ConnectTimeout=2 /var/www/html/Wcar/data
/var/www/html/Wcar/last-refresh.html a312324@segotl4089.got.volvo.net:/var/www/html/Wcar
```

Copy the files

Monday, February 12, 2024 2:32 PM

```
#!/bin/bash
for server in `cat /var/www/html/health-check/health-check.txt`
do
echo "$server"
scp -o ConnectTimeout=2 $server:/tmp/server-check.txt /var/www/html/health-check/data/$server.txt
done
Date=`date`
echo "<h4 align=left>Last Refresh: $Date</h4>" > /var/www/html/PSR/last-refresh.html

##copy data files and last-refresh time to segotl2945.got.volvo.net###
scp -pr -o ConnectTimeout=2 /var/www/html/health-check/data/*.txt  /var/www/html/health-check/data/last-refresh.html
segotl2945.got.volvo.net:/var/www/html/PSR/data/
```

```
for i in `cat /var/www/html/PSR/health-check.txt`; do echo $i; ssh -q -i /home/a334645/.id_rsa_ansiblehcl ansiblehcl@$i
uptime; done
```

Implementation Plans

Thursday, April 25, 2024 12:24 PM

- Change CHG000498868 is in place to perform this activity on server segotl3602 by 30th April.
- plan to create a new non-encrypted file system.
- perform rsync from Old Disk to New Disk(Non-Encrypted FS)

```
root@segotl3602# lsblk  |grep crypt
  └─app_vg02-oracledata  253:13   0    3T  0 crypt /oracle/data
│ └─app_vg03-oracleredo  253:16   0   15G  0 crypt /oracle/redo
│ └─app_vg03-oracletemp  253:14   0  230G  0 crypt /oracle/temp
  └─app_vg03-oraclearch  253:15   0   30G  0 crypt /oracle/arch
```

Migrating Data from below Encrypted File system to Non-Encrypted File sysetm.

```
root@segotl3602# lsblk  |grep crypt
  └─app_vg02-oracledata  253:13   0    3T  0 crypt /oracle/data
│ └─app_vg03-oracleredo  253:16   0   15G  0 crypt /oracle/redo
│ └─app_vg03-oracletemp  253:14   0  230G  0 crypt /oracle/temp
  └─app_vg03-oraclearch  253:15   0   30G  0 crypt /oracle/arch
```

Implementation Plan:
==========

1. Database services will be stopped
2. New VMDK disk to be added
3. Create a File system structure as below

```
root@segotl3602# lvs |grep app_vg02
  oracledata_en app_vg02 -wi-ao----   <2.98t

root@segotl3602# lvs |grep app_vg03
  oraclearch_en app_vg03 -wi-ao----  <30.00g
  oraclefra     app_vg03 -wi-ao---- <200.00g
  oracleredo_en app_vg03 -wi-ao----   15.00g
  oracletemp_en app_vg03 -wi-ao---- <230.00g
```

4. Once File system is created, Start copying Data - using rsync tool
5. Once Data copy completed. Detach all the Disk except OS- rootvg Disk
6. Perform OS Re-installation
7. After Re-installation completed. Attach the New Diks (Non-Encrypted one) and Mount File systems.

```
root@segotl3602# lsblk  |grep crypt |uniq
  └─app_vg02-oracledata  253:13   0    3T  0 crypt /oracle/data
  └─app_vg03-oracleredo  253:16   0   15G  0 crypt /oracle/redo
  └─app_vg03-oracletemp  253:14   0  230G  0 crypt /oracle/temp
  └─app_vg03-oraclearch  253:15   0   30G  0 crypt /oracle/arch
  └─app_vg02-oracledata  253:13   0    3T  0 crypt /oracle/data
  └─app_vg03-oracletemp  253:14   0  230G  0 crypt /oracle/temp
  └─app_vg02-oracledata  253:13   0    3T  0 crypt /oracle/data
root@segotl3602# df -ThP /oracle/data /oracle/redo /oracle/temp /oracle/arch
Filesystem                     Type  Size  Used Avail Use% Mounted on
/dev/mapper/app_vg02-oracledata xfs   3.0T  2.3T  744G  76% /oracle/data
/dev/mapper/app_vg03-oracleredo xfs    15G  3.2G   12G  21% /oracle/redo
/dev/mapper/app_vg03-oracletemp xfs   230G   79G  152G  35% /oracle/temp
/dev/mapper/app_vg03-oraclearch xfs    30G  1.2G   29G   4% /oracle/arch
root@segotl3602# vgs app_vg02
  VG       #PV #LV #SN Attr   VSize  VFree
  app_vg02   6   1   0 wz--n- <2.98t 1008.00m
root@segotl3602# vgs app_vg03
  VG       #PV #LV #SN Attr   VSize    VFree
  app_vg03   3   4   0 wz--n- <474.99g    0
root@segotl3602# pvs |grep app_vg02
  /dev/sdc   app_vg02 lvm2 a--   <400.00g       0
  /dev/sde   app_vg02 lvm2 a--   <350.00g       0
  /dev/sdh   app_vg02 lvm2 a--   <500.00g       0
  /dev/sdi   app_vg02 lvm2 a--   <300.00g       0
  /dev/sdj   app_vg02 lvm2 a--   <500.00g       0
  /dev/sdk   app_vg02 lvm2 a--  <1000.00g 1008.00m
root@segotl3602# pvs |grep app_vg03
  /dev/sdd   app_vg03 lvm2 a--   <125.00g       0
  /dev/sdf   app_vg03 lvm2 a--   <150.00g       0
  /dev/sdl   app_vg03 lvm2 a--   <200.00g       0
root@segotl3602# lvs |grep app_vg02
  oracledata_en app_vg02 -wi-ao----   <2.98t
root@segotl3602# lvs |grep app_vg03
  oraclearch_en app_vg03 -wi-ao----  <30.00g
  oraclefra     app_vg03 -wi-ao---- <200.00g
  oracleredo_en app_vg03 -wi-ao----   15.00g
  oracletemp_en app_vg03 -wi-ao---- <230.00g
```

Memory Utilization in RHEL

Tuesday, June 18, 2024 12:27 PM

https://access.redhat.com/solutions/406773

Memory Utilized = ((Total - Used + Buffer + Cache) / Total * 100)

```
free | grep Mem | awk '{print (($2-$4-$6-$7)/$2)*100}'
```

Thursday, July 11, 2024 8:27 PM

hx11318@sds.hclgss.com@segotl6294:/home/hx11318/run

```
[hx11318@sds.hclgss.com@segotl6294 ~]$
[hx11318@sds.hclgss.com@segotl6294 ~]$
[hx11318@sds.hclgss.com@segotl6294 ~]$
[hx11318@sds.hclgss.com@segotl6294 ~]$
[hx11318@sds.hclgss.com@segotl6294 ~]$
[hx11318@sds.hclgss.com@segotl6294 ~]$ run "puppet --version" on "segotl0836.srv.colvo.com"
Executing playbook __adhoc_playbook__

- Ansible Ad-Hoc on hosts: segotl0836.srv.colvo.com -
shell...
  segotl0836.srv.colvo.com unreachable | msg: Failed to connect to the host via ssh: ssh: Could not resolve hostname segotl0836.srv.colvo.com: Name or servic
e not known

- Play recap -
  segotl0836.srv.colvo.com   : ok=0    changed=0    unreachable=1    failed=0    rescued=0    ignored=0
[hx11318@sds.hclgss.com@segotl6294 ~]$ run "puppet --version" on "segotl0836.srv.volvo.com"
Executing playbook __adhoc_playbook__

- Ansible Ad-Hoc on hosts: segotl0836.srv.volvo.com -
shell...
  segotl0836.srv.volvo.com done | stdout: 5.5.22

- Play recap -
  segotl0836.srv.volvo.com   : ok=1    changed=1    unreachable=0    failed=0    rescued=0    ignored=0
[hx11318@sds.hclgss.com@segotl6294 ~]$ run2 "puppet --version" on "segotl0836.srv.volvo.com"
-bash: run2: command not found
[hx11318@sds.hclgss.com@segotl6294 ~]$ cd run/
[hx11318@sds.hclgss.com@segotl6294 run]$ alias run2=~/run/run2
[hx11318@sds.hclgss.com@segotl6294 run]$ run2 "puppet --version" on "segotl0836.srv.volvo.com"

  segotl0836.srv.volvo.com done | stdout: 5.5.22

[hx11318@sds.hclgss.com@segotl6294 run]$ pwd
/home/hx11318/run
[hx11318@sds.hclgss.com@segotl6294 run]$
```

Podman

Thursday, July 18, 2024 12:42 PM

https://github.com/moby/moby/issues/30647

Wednesday, July 24, 2024 4:34 PM

CM

cmviewcl

Wednesday, July 24, 2024 4:34 PM

```
root@segotl2574# cmrunnode segotl2576
cmrunnode: Validating network configuration...
WARNING: Not probing node segotl2576 as it is currently unreachable.
 cmrunnode: Network validation complete
Checking for license.........

Found Valid Enterprise License
Number of Enterprise License(s): 4
4 License(s) Expire(s) on Indefinite
Cannot reach node "segotl2576".
cmrunnode failed: No route to host
```