(1) Description of the Task to be done

Perform update of Linux server with current Master Release

ATTENTION: This task must be ordered / approved by the operations responsible.

ATTENTION: Please ensure that your operating system is not older the SLES11SP4 if SecFS is installed. For more details please see: https://atc.bmwgroup.net/confluence/display/SECFS/Upgrade+Linux+Server+for+Client+EOL

lead time :

---- During office hours: 1 working day

---- Outside office hours: 3 working days

Run time :

VMs: 2 hours/ VM

---- Please relate relevant CIs to the change

---- Please update relevant CIs in CMDB if needed

\_\_\_\_\_\_\_\_\_\_

(2) Required Information

Servername:lp34ipsib1w50vm.w34

downtime -a -h 2 -c 'TAS000006785310 qxz10kv-MasterReleaseVM' lp34ipsib1w50vm.w34

rudderswinst -t TAS000006785310 update lp34ipsib1w50vm.w34

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

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ # uptime

08:36am up 128 days 13:02, 3 users, load average: 0.84, 1.16, 0.77

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ # rpm -qa | grep -i vee

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ # secfsd -status guard

bash: secfsd: command not found

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ # df -hT

Filesystem Type Size Used Avail Use% Mounted on

devtmpfs devtmpfs 7.7G 8.0K 7.7G 1% /dev

tmpfs tmpfs 7.7G 0 7.7G 0% /dev/shm

tmpfs tmpfs 7.7G 884K 7.7G 1% /run

tmpfs tmpfs 7.7G 0 7.7G 0% /sys/fs/cgroup

/dev/xvda2 btrfs 107G 30G 66G 31% /

/dev/xvda2 btrfs 107G 30G 66G 31% /opt

/dev/xvda2 btrfs 107G 30G 66G 31% /var/log

/dev/xvda2 btrfs 107G 30G 66G 31% /global/local

/dev/xvda2 btrfs 107G 30G 66G 31% /.snapshots

/dev/xvda1 ext3 976M 69M 856M 8% /boot

/dev/xvda2 btrfs 107G 30G 66G 31% /var/cache

/dev/xvda2 btrfs 107G 30G 66G 31% /var/spool

/dev/xvda2 btrfs 107G 30G 66G 31% /home

/dev/xvda2 btrfs 107G 30G 66G 31% /tmp

/dev/xvda2 btrfs 107G 30G 66G 31% /lfs

/dev/xvda2 btrfs 107G 30G 66G 31% /var/opt

/dev/xvda2 btrfs 107G 30G 66G 31% /var/tmp

/dev/mapper/dgapipsib179-lvapps xfs 225G 41G 185G 18% /global/apipsib179/apps/apipsib179

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/66159

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/48952

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/44035

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/846785

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/0

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ # xenstore-read /tool/hostname

lp34xen32

lp34ipsib1w50vm:~ # uptime;cat /etc/issue;df -hT;cat /etc/issue;cat /etc/fstab;lsblk;pvs;vgs;lvs;pvdisplay;vgdisplay;lvdisplay;ifconfig -a;netstat -nrv;route -n;cd /etc/sysconfig/network/;ls;cat ifcfg-eth0;cat ifcfg-eth1;cat ifroute-eth1;cat routes;cd;df -h | grep -i sec;cat /etc/rudder\_vars.lst;rpm -qa | grep -i vee;ls -l /etc/BMW-release; cat /etc/BMW-release | grep -i current

09:10am up 128 days 13:37, 4 users, load average: 0.05, 0.12, 0.21

Welcome to SUSE Linux Enterprise Server 12 SP5 (x86\_64) - Kernel \r (\l).

Filesystem Type Size Used Avail Use% Mounted on

devtmpfs devtmpfs 7.7G 8.0K 7.7G 1% /dev

tmpfs tmpfs 7.7G 0 7.7G 0% /dev/shm

tmpfs tmpfs 7.7G 936K 7.7G 1% /run

tmpfs tmpfs 7.7G 0 7.7G 0% /sys/fs/cgroup

/dev/xvda2 btrfs 107G 30G 66G 31% /

/dev/xvda2 btrfs 107G 30G 66G 31% /opt

/dev/xvda2 btrfs 107G 30G 66G 31% /var/log

/dev/xvda2 btrfs 107G 30G 66G 31% /global/local

/dev/xvda2 btrfs 107G 30G 66G 31% /.snapshots

/dev/xvda1 ext3 976M 69M 856M 8% /boot

/dev/xvda2 btrfs 107G 30G 66G 31% /var/cache

/dev/xvda2 btrfs 107G 30G 66G 31% /var/spool

/dev/xvda2 btrfs 107G 30G 66G 31% /home

/dev/xvda2 btrfs 107G 30G 66G 31% /tmp

/dev/xvda2 btrfs 107G 30G 66G 31% /lfs

/dev/xvda2 btrfs 107G 30G 66G 31% /var/opt

/dev/xvda2 btrfs 107G 30G 66G 31% /var/tmp

/dev/mapper/dgapipsib179-lvapps xfs 225G 40G 185G 18% /global/apipsib179/apps/apipsib179

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/66159

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/48952

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/44035

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/846785

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/602272

tmpfs tmpfs 1.6G 0 1.6G 0% /run/user/0

Welcome to SUSE Linux Enterprise Server 12 SP5 (x86\_64) - Kernel \r (\l).

###

### OS mounts

###

LABEL=ROOT\_91609 / btrfs defaults 0 0

LABEL=BOOT\_91609 /boot ext3 defaults 1 2

LABEL=ROOT\_91609 /lfs btrfs subvol=@/lfs 0 0

LABEL=ROOT\_91609 /home btrfs subvol=@/home 0 0

LABEL=ROOT\_91609 /opt btrfs subvol=@/opt 0 0

LABEL=ROOT\_91609 /tmp btrfs subvol=@/tmp 0 0

LABEL=ROOT\_91609 /var/log btrfs subvol=@/var/log 0 0

LABEL=ROOT\_91609 /var/opt btrfs subvol=@/var/opt 0 0

LABEL=ROOT\_91609 /var/spool btrfs subvol=@/var/spool 0 0

LABEL=ROOT\_91609 /var/cache btrfs subvol=@/var/cache 0 0

LABEL=ROOT\_91609 /global/local btrfs subvol=@/global/local 0 0

LABEL=ROOT\_91609 /var/tmp btrfs subvol=@/var/tmp 0 0

LABEL=ROOT\_91609 /.snapshots btrfs subvol=@/.snapshots 0 0

LABEL=SWAP\_91609 swap swap pri=42 0 0

###

### Application mounts

### Mandatory mount options for SAN/NAS: nofail,x-systemd.device-timeout=20

###

/dev/dgapipsib179/lvapps /global/apipsib179/apps/apipsib179 xfs defaults,nofail,x-systemd.device-timeout=20 0 0

NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT

xvda 202:0 0 97.5G 0 disk

├─xvda1 202:1 0 1G 0 part /boot

├─xvda2 202:2 0 92.5G 0 part /

└─xvda3 202:3 0 4G 0 part [SWAP]

xvdb 202:16 0 225G 0 disk

└─dgapipsib179-lvapps 254:0 0 225G 0 lvm /global/apipsib179/apps/apipsib179

xvdc 202:32 0 14.1G 0 disk

PV VG Fmt Attr PSize PFree

/dev/xvdb dgapipsib179 lvm2 a-- 224.96g 0

VG #PV #LV #SN Attr VSize VFree

dgapipsib179 1 1 0 wz--n- 224.96g 0

LV VG Attr LSize Pool Origin Data% Meta% Move Log Cpy%Sync Convert

lvapps dgapipsib179 -wi-ao---- 224.96g

--- Physical volume ---

PV Name /dev/xvdb

VG Name dgapipsib179

PV Size 224.96 GiB / not usable 0

Allocatable yes (but full)

PE Size 4.00 MiB

Total PE 57590

Free PE 0

Allocated PE 57590

PV UUID sZBz8V-jxRd-K65q-Vvuh-XYAt-O7z8-swycdc

--- Volume group ---

VG Name dgapipsib179

System ID

Format lvm2

Metadata Areas 1

Metadata Sequence No 2

VG Access read/write

VG Status resizable

MAX LV 0

Cur LV 1

Open LV 1

Max PV 0

Cur PV 1

Act PV 1

VG Size 224.96 GiB

PE Size 4.00 MiB

Total PE 57590

Alloc PE / Size 57590 / 224.96 GiB

Free PE / Size 0 / 0

VG UUID 91iZ1d-fIHO-rIwZ-R6WM-H0Yw-d12T-3dLwJQ

--- Logical volume ---

LV Path /dev/dgapipsib179/lvapps

LV Name lvapps

VG Name dgapipsib179

LV UUID w5zk5d-yAw5-C6lI-Omsn-NmHT-3lon-uagP0b

LV Write Access read/write

LV Creation host, time lp34ipsib1w50vm, 2021-01-19 16:27:38 +0000

LV Status available

# open 1

LV Size 224.96 GiB

Current LE 57590

Segments 1

Allocation inherit

Read ahead sectors auto

- currently set to 1024

Block device 254:0

eth0 Link encap:Ethernet HWaddr 4A:69:AF:87:ED:58

inet addr:172.24.150.27 Bcast:172.24.150.255 Mask:255.255.255.0

inet6 addr: 2a03:1e82:9003:51d::1:22/64 Scope:Global

inet6 addr: fe80::4869:afff:fe87:ed58/64 Scope:Link

UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1

RX packets:23136965238 errors:0 dropped:11 overruns:0 frame:0

TX packets:22246275104 errors:0 dropped:44 overruns:0 carrier:0

collisions:0 txqueuelen:1000

RX bytes:3160343053441 (3013938.0 Mb) TX bytes:5982733625435 (5705579.4 Mb)

eth1 Link encap:Ethernet HWaddr 1A:1D:91:9A:5A:52

inet addr:172.24.151.53 Bcast:172.24.151.255 Mask:255.255.255.0

inet6 addr: fe80::181d:91ff:fe9a:5a52/64 Scope:Link

inet6 addr: 2a03:1e82:900b:50b::1:1e/64 Scope:Global

UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1

RX packets:52920765 errors:0 dropped:10 overruns:0 frame:0

TX packets:69288 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen:1000

RX bytes:3722924524 (3550.4 Mb) TX bytes:16322018 (15.5 Mb)

lo Link encap:Local Loopback

inet addr:127.0.0.1 Mask:255.0.0.0

inet6 addr: ::1/128 Scope:Host

UP LOOPBACK RUNNING MTU:65536 Metric:1

RX packets:130748847 errors:0 dropped:0 overruns:0 frame:0

TX packets:130748847 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen:1000

RX bytes:10793915832 (10293.8 Mb) TX bytes:10793915832 (10293.8 Mb)

Kernel IP routing table

Destination Gateway Genmask Flags MSS Window irtt Iface

0.0.0.0 172.24.150.1 0.0.0.0 UG 0 0 0 eth0

172.24.150.0 0.0.0.0 255.255.255.0 U 0 0 0 eth0

172.24.151.0 0.0.0.0 255.255.255.0 U 0 0 0 eth1

Kernel IP routing table

Destination Gateway Genmask Flags Metric Ref Use Iface

0.0.0.0 172.24.150.1 0.0.0.0 UG 0 0 0 eth0

172.24.150.0 0.0.0.0 255.255.255.0 U 0 0 0 eth0

172.24.151.0 0.0.0.0 255.255.255.0 U 0 0 0 eth1

config dhcp if-down.d if-up.d ifcfg-eth0 ifcfg-eth1 ifcfg-lo ifcfg.template ifroute-eth1 providers routes routes.2021-01-19\_16-02-04.5258 scripts

STARTMODE="onboot"

BOOTPROTO="static"

IPADDR="172.24.150.27"

NETMASK="255.255.255.0"

IP\_OPTIONS\_0="preferred\_lft 0"

IPADDR\_0="2a03:1e82:9003:51d:0:0:1:22"

PREFIXLEN\_0="64"

STARTMODE="onboot"

BOOTPROTO="static"

IPADDR="172.24.151.53"

NETMASK="255.255.255.0"

IP\_OPTIONS\_0="preferred\_lft 0"

IPADDR\_0="2a03:1e82:900b:50b:0:0:1:1e"

PREFIXLEN\_0="64"

172.24.151.0/24 172.24.151.1 - eth1

2a03:1e82:900b:50b:0:0:0:0/64 2a03:1e82:900b:50b:0:0:0:1 - eth1

default 172.24.150.1 - eth0

default 2a03:1e82:9003:51d:0:0:0:1 - eth0

# All backup routes are removed by backupconf script, as this is put under control of RUDDER

# In order to remove backup routes automatically again, delete this comment line out and re-run backupconf script with configure parameter.

#########################

## Whole File Generated by Rudder Rule APP-CMS-Variables

## \*\*\* DO NOT EDIT \*\*\*

## Directive: File CMS Rudder Variables

## CMDVAR: sys.policy\_hub, var\_REPO, var\_REPO\_IP, var\_REPO\_FQDN, var\_RUDDER\_MR\_VERSION, var\_RUDDER\_MR\_DEFAULT

RELAY="172.24.150.42"

REPO="cm-repo-emea"

REPO\_IP="10.30.73.43"

REPO\_FQDN="cm-repo-emea.bmwgroup.net"

RUDDER\_MR\_VERSION="2022Q02.00"

RUDDER\_MR\_DEFAULT="2022Q04.00"

-rw-r--r-- 1 root root 392 May 21 2022 /etc/BMW-release

CURRENT\_MR\_VERSION="2022Q02.00"

lp34ipsib1w50vm:~ #

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

lp34xen31:~ # vmc list lp34ipsib1w50vm

08:50:59 Gathering VM and Storage data, please wait OK

lp34xen31 lp34xen32

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

lp34ipsib1w50vm ------- running( 33)( 4/16384M)

lp34xen31:~ #

lp34xen31:~ #

lp34xen31:~ #

lp34xen31:~ # vmc info lp34ipsib1w50vm

Name : lp34ipsib1w50vm

Comment : N/A

Domain ID : 33

Status : Running on lp34xen32

VM Type : XEN

Virtualization Mode : PV

Mounts : None

Storage Type : SAN+DM/SAN+MD

Image : sles12sp4

Last Backup (UTC) : 2022-12-27 00:34:54

Cur. VCPUs : 4

Max. VCPUs : 8

Cur. Mem [MB] : 16384

Max. Mem [MB] : 32768

XML - Cur. VCPUs : 4

XML - Max. VCPUs : 8

XML - Cur. Mem [MB] : 16384

XML - Max. Mem [MB] : 32768

Network Device 1 : 4a:69:af:87:ed:58 (br:br\_172024150000 ipname:lp34ipsib1w50vm)

Network Device 2 : 1a:1d:91:9a:5a:52 (br:br\_172024151000 ipname:lp34ipsib1w50vmb)

Block Device xvda : /dev/md/lp34ipsib1w50vm

Block Device xvdb : /dev/md/lp34ipsib1w50vm\_1

Block Device xvdc : /dev/md/lp34ipsib1w50vm\_2

lp34xen31:~ #

lp34xen31:~ #

lp34xen31:~ #

lp34xen31:~ # vmc storage lp34ipsib1w50vm

09:12:30 Gathering VM and Storage data, please wait OK

Disk UUID Array LDEV Size Dev MDName VMDev VMName

360060e8007292a000030292a0000026f 10538 026f 112G dm-146 SAN:lp34ipsib1w50vm md/lp34ipsib1w50vm lp34ipsib1w50vm

360060e8007292a000030292a000002e4 10538 02e4 225G dm-156 SAN:lp34ipsib1w50vm\_1 md/lp34ipsib1w50vm\_1 lp34ipsib1w50vm

360060e8007294500003029450000026f 10565 026f 112G dm-67 SAN:lp34ipsib1w50vm md/lp34ipsib1w50vm lp34ipsib1w50vm

360060e800729450000302945000002e4 10565 02e4 225G dm-77 SAN:lp34ipsib1w50vm\_1 md/lp34ipsib1w50vm\_1 lp34ipsib1w50vm

lp34xen31:~ #

lp34xen31:~ #

lp34xen31:~ # san\_shortinfo | grep -i lp34ipsib1w50vm

dm-103 | sddg 00:34 7F 10538 14405 | sdaf 00:34 8F 10538 14405 | SAN:lp34ipsib1w50vm\_2 -

dm-146 | sdil 02:6F 7F 10538 115245 | sdcj 02:6F 8F 10538 115245 | SAN:lp34ipsib1w50vm -

dm-156 | sdim 02:E4 7F 10538 230490 | sdck 02:E4 8F 10538 230490 | SAN:lp34ipsib1w50vm\_1 -

dm-24 | sdcs 00:34 7F 10565 14405 | sdr 00:34 8F 10565 14405 | SAN:lp34ipsib1w50vm\_2 -

dm-67 | sdfk 02:6F 7F 10565 115245 | sdi 02:6F 8F 10565 115245 | SAN:lp34ipsib1w50vm -

dm-77 | sdfl 02:E4 7F 10565 230490 | sdj 02:E4 8F 10565 230490 | SAN:lp34ipsib1w50vm\_1 -

lp34xen31:~ # vmc pvinfo lp34ipsib1w50vm

/dev/dm-146 00 00 00 SAN:lp34ipsib1w50vm 02:6f NA 00010538

/dev/dm-67 00 00 00 SAN:lp34ipsib1w50vm 02:6f NA 00010565

/dev/dm-156 00 00 00 SAN:lp34ipsib1w50vm\_1 02:e4 NA 00010538

/dev/dm-77 00 00 00 SAN:lp34ipsib1w50vm\_1 02:e4 NA 00010565

lp34xen31:~ #

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

\* Please select at least one of these Checkboxes:

[ X ] Server can be booted without consultation

[ ] another Task Group must be informed before reboot

[ ] a Contact Person must be informed before reboot

\* Mandatory if your system is using SEC-FS / Vormetric CoreGuard:

[ ] Server has SEC-FS / an encrypted filesystem

---- Accompanying task to Vormetric during the update is mandatory!

---- Additional task to Vormetric for changing environment might be necessary!

----

---- Please contact <vormetric@list.bmw.com> for any queries or have a look at the website:

---- https://atc.bmwgroup.net/confluence/display/SECFS/Upgrade+Linux+Server+for+Client+EOL

--- if needed please kill the coreguard process from applications user (contact assignee from vormetric task regarding to PID and user ID)

Please change predefined answer if necessary:

Task can be implemented at any time within the start-/end time: yes

Technical contact must be explicitly informed before begin and after end of this task: no

\_\_\_\_\_\_\_\_\_\_

(3) Additional Information (optional)

\_\_\_\_\_\_\_\_\_\_

(4) Lead and execution time

Check header

\_\_\_\_\_\_\_\_\_\_

(5) Contact Information

Contact person for questions from server ops during task planing:

(If none is provided, in case of an error the task is set to pending / error without previous contact)

Contact person for questions from server ops during execution:

(If none is provided, in case of an error the task is set to pending / error without previous contact)

[INSTSERV][qxz10kv][lpinstiaas02] ~ $

[INSTSERV][qxz10kv][lpinstiaas02] ~ $ rudderswinst -t TAS000006785310 update lp34ipsib1w50vm.w34

info prep: mr-versions taken from command line: 2022Q02.00 2022Q04.00

info prep: found BMW repo 'BMW-Custom'

info prep: found BMW repo 'BMW-Internal'

info prep: found OS repo 'BMW-SLES12-SP4'

error prep: multiple BMW OS repos found in /etc/zypp/repos.d

info prep: found OS repo 'BMW-SLES12-SP5'

info prep: 7 repos skipped. Use option --repo= to include on of 'BMW-Patch-CVE-2021-3156' 'BMW-Patch-CVE' 'BMW-Software-IPS\_PCS' 'BMW-Software-Splunk' 'BMW-Software-UserSyncAgent' 'PBIS' 'Veritas-netbackup-client'

info prep: end of run\_zypper\_mr\_up.sh, run status was error

rudderswinst.pl: Master Release update failed on lp34ipsib1w50vm.w34, result was 512

[INSTSERV][qxz10kv][lpinstiaas02] ~ $

[INSTSERV][qxz10kv][lpinstiaas02] ~ $

[INSTSERV][qxz10kv][lpinstiaas02] ~ $ rootssh lp34ipsib1w50vm.w34

lp34ipsib1w50vm:~ # zypper lr

Repository priorities are without effect. All enabled repositories share the same priority.

# | Alias | Name | Enabled | GPG Check | Refresh

---+----------------------------+----------------------------+---------+-----------+--------

1 | BMW-Custom | BMW-Custom | Yes | (r ) Yes | Yes

2 | BMW-Internal | BMW-Internal | Yes | (r ) Yes | Yes

3 | BMW-Patch-CVE | BMW-Patch-CVE | Yes | (r ) Yes | Yes

4 | BMW-Patch-CVE-2021-3156 | BMW-Patch-CVE-2021-3156 | Yes | (r ) Yes | Yes

5 | BMW-SLES12-SP4 | BMW-SLES12-SP4 | Yes | (r ) Yes | No

6 | BMW-SLES12-SP5 | BMW-SLES12-SP5 | Yes | (r ) Yes | No

7 | BMW-Software-IPS\_PCS | BMW-Software-IPS\_PCS | Yes | (r ) Yes | No

8 | BMW-Software-Splunk | BMW-Software-Splunk | Yes | (r ) Yes | Yes

9 | BMW-Software-UserSyncAgent | BMW-Software-UserSyncAgent | Yes | (r ) Yes | Yes

10 | PBIS | PBIS | Yes | (r ) Yes | Yes

11 | Veritas-netbackup-client | Veritas-netbackup-client | Yes | (r ) Yes | Yes

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ # cat /etc/SuSE-release

SUSE Linux Enterprise Server 12 (x86\_64)

VERSION = 12

PATCHLEVEL = 5

# This file is deprecated and will be removed in a future service pack or release.

# Please check /etc/os-release for details about this release.

lp34ipsib1w50vm:~ # cd /etc/zypp/repos.d

lp34ipsib1w50vm:/etc/zypp/repos.d # ls -lrta

total 44

-rw-r--r-- 1 root root 233 Jan 19 2021 rudder-BMW-Software-UserSyncAgent.repo

-rw-r--r-- 1 root root 224 Jan 19 2021 rudder-Veritas-netbackup-client.repo

-rw-r--r-- 1 root root 270 Feb 8 2021 rudder-BMW-Patch-CVE-2021-3156.repo

-rw-r--r-- 1 root root 240 Apr 5 2022 rudder-BMW-Patch-CVE.repo

drwxr-xr-x 1 root root 206 May 21 2022 ..

-rw-r--r-- 1 root root 208 May 21 2022 rudder-BMW-SLES12-SP4.repo

-rw-r--r-- 1 root root 208 May 21 2022 rudder-BMW-SLES12-SP5.repo

-rw-r--r-- 1 root root 236 Oct 6 15:16 rudder-BMW-Software-Splunk.repo

-rw-r--r-- 1 root root 238 Oct 6 15:16 rudder-BMW-Software-IPS\_PCS.repo

-rw-r--r-- 1 root root 215 Oct 6 15:16 rudder-BMW-Internal.repo

-rw-r--r-- 1 root root 209 Oct 6 15:16 rudder-BMW-Custom.repo

-rw-r--r-- 1 root root 192 Nov 8 15:32 rudder-PBIS.repo

drwxr-xr-x 1 root root 622 Nov 8 15:32 .

lp34ipsib1w50vm:/etc/zypp/repos.d # ls -lrth

total 44K

-rw-r--r-- 1 root root 233 Jan 19 2021 rudder-BMW-Software-UserSyncAgent.repo

-rw-r--r-- 1 root root 224 Jan 19 2021 rudder-Veritas-netbackup-client.repo

-rw-r--r-- 1 root root 270 Feb 8 2021 rudder-BMW-Patch-CVE-2021-3156.repo

-rw-r--r-- 1 root root 240 Apr 5 2022 rudder-BMW-Patch-CVE.repo

-rw-r--r-- 1 root root 208 May 21 2022 rudder-BMW-SLES12-SP4.repo

-rw-r--r-- 1 root root 208 May 21 2022 rudder-BMW-SLES12-SP5.repo

-rw-r--r-- 1 root root 236 Oct 6 15:16 rudder-BMW-Software-Splunk.repo

-rw-r--r-- 1 root root 238 Oct 6 15:16 rudder-BMW-Software-IPS\_PCS.repo

-rw-r--r-- 1 root root 215 Oct 6 15:16 rudder-BMW-Internal.repo

-rw-r--r-- 1 root root 209 Oct 6 15:16 rudder-BMW-Custom.repo

-rw-r--r-- 1 root root 192 Nov 8 15:32 rudder-PBIS.repo

lp34ipsib1w50vm:/etc/zypp/repos.d # mv rudder-BMW-SLES12-SP4.repo /var/tmp/

lp34ipsib1w50vm:/etc/zypp/repos.d #

lp34ipsib1w50vm:/etc/zypp/repos.d #

lp34ipsib1w50vm:/etc/zypp/repos.d # zypper ref

Repository 'BMW-Custom' is up to date.

Repository 'BMW-Internal' is up to date.

Repository 'BMW-Patch-CVE' is up to date.

Repository 'BMW-Patch-CVE-2021-3156' is up to date.

Repository 'BMW-SLES12-SP5' is up to date.

Repository 'BMW-Software-IPS\_PCS' is up to date.

Repository 'BMW-Software-Splunk' is up to date.

Repository 'BMW-Software-UserSyncAgent' is up to date.

Repository 'PBIS' is up to date.

Repository 'Veritas-netbackup-client' is up to date.

All repositories have been refreshed.

lp34ipsib1w50vm:/etc/zypp/repos.d # zypper lr

Repository priorities are without effect. All enabled repositories share the same priority.

# | Alias | Name | Enabled | GPG Check | Refresh

---+----------------------------+----------------------------+---------+-----------+--------

1 | BMW-Custom | BMW-Custom | Yes | (r ) Yes | Yes

2 | BMW-Internal | BMW-Internal | Yes | (r ) Yes | Yes

3 | BMW-Patch-CVE | BMW-Patch-CVE | Yes | (r ) Yes | Yes

4 | BMW-Patch-CVE-2021-3156 | BMW-Patch-CVE-2021-3156 | Yes | (r ) Yes | Yes

5 | BMW-SLES12-SP5 | BMW-SLES12-SP5 | Yes | (r ) Yes | No

6 | BMW-Software-IPS\_PCS | BMW-Software-IPS\_PCS | Yes | (r ) Yes | No

7 | BMW-Software-Splunk | BMW-Software-Splunk | Yes | (r ) Yes | Yes

8 | BMW-Software-UserSyncAgent | BMW-Software-UserSyncAgent | Yes | (r ) Yes | Yes

9 | PBIS | PBIS | Yes | (r ) Yes | Yes

10 | Veritas-netbackup-client | Veritas-netbackup-client | Yes | (r ) Yes | Yes

lp34ipsib1w50vm:/etc/zypp/repos.d # exit

exit

[INSTSERV][qxz10kv][lpinstiaas02] ~ $

[INSTSERV][qxz10kv][lpinstiaas02] ~ $

[INSTSERV][qxz10kv][lpinstiaas02] ~ $ rudderswinst -t TAS000006785310 update lp34ipsib1w50vm.w34

info prep: mr-versions taken from command line: 2022Q04.00 2022Q04.00

info prep: found BMW repo 'BMW-Custom'

info prep: found BMW repo 'BMW-Internal'

info prep: found OS repo 'BMW-SLES12-SP5'

info prep: 7 repos skipped. Use option --repo= to include on of 'BMW-Patch-CVE-2021-3156' 'BMW-Patch-CVE' 'BMW-Software-IPS\_PCS' 'BMW-Software-Splunk' 'BMW-Software-UserSyncAgent' 'PBIS' 'Veritas-netbackup-client'

info run : Rudder agent state: Agent is enabled

info run : trying to update. found 442 downloaded rpm(s) in cache.

info run : update was installed, output at /var/log/run\_zypper\_mr\_up.sh.log

info run : reboot required

info run : no more upgrades found.

info post: Rudder agent enable: ok: Rudder agent has been enabled but not started, wait for next cron run.

info post: Please don't forget to reboot the system

info post: end of run\_zypper\_mr\_up.sh, run status was good

Info[1]: Skipping on Xen VM

Info[1]: Skipping on Xen VM

[INSTSERV][qxz10kv][lpinstiaas02] ~ $ rootssh lp34ipsib1w50vm

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ #

lp34ipsib1w50vm:~ # cat /etc/BMW-release

IMAGE\_KIWI\_NAME="BMW-SLES12SP4"

IMAGE\_KIWI\_PROFILE="VMC"

downtime -a -h 1 -c "TAS000006750595 qxz10kv" lpchdees04.bmwgroup.net

setp 1 vmc mem-max lpchdees04 65536

step-2 vmc mem-set lpchdees04 32768

step-3 vmc savetodb lpchdees04

step-4 vmc stop lpchdees04

Step4a vmc list lpchdees04

Step4b vmc info lpchdees04

Step-5 vmc define lpchdees04

Step-6 VMC start lpchdees04

setp 1 - vmc mem-max <vmname> 32768

step-2 vmc savetodb <vmname>

step-3 vmc reboot <vmname>

step-4 vmc mem-set <vmname> 32768

BTRFS

lp05ipm12w5vm:~ # /usr/local/sbin/btrfs-balance --check

>> [2022-06-05 08:25:28 CEST] [INFO] Starting logging to logfile /var/log/btrfs-balance/btrfs-balance\_2022-06-05.log ...

>> [2022-06-05 08:25:28 CEST] [INFO] Called script: /usr/local/sbin/btrfs-balance --check

>> [2022-06-05 08:25:29 CEST] [INFO] NOK: Cleanup necessary - BTRFS usage: 88.68G, Real usage: 24.23G, Delta: 64.45G >= 2G (Threshold)

lp05ipm12w5vm:~ #

lp05ipm12w5vm:~ #

lp05ipm12w5vm:~ # btrfs fi balance start -dusage=5 /

Done, had to relocate 0 out of 102 chunks

lp05ipm12w5vm:~ # btrfs fi balance start -dusage=10 /

Done, had to relocate 24 out of 102 chunks

lp05ipm12w5vm:~ # btrfs fi balance start -dusage=20 /

Done, had to relocate 39 out of 81 chunks

lp05ipm12w5vm:~ # btrfs fi balance start -dusage=30 /

Done, had to relocate 12 out of 48 chunks

lp05ipm12w5vm:~ # btrfs fi balance start -dusage=40 /

Done, had to relocate 1 out of 39 chunks

lp05ipm12w5vm:~ # /usr/local/sbin/btrfs-balance --check

>> [2022-06-05 08:36:24 CEST] [INFO] Starting logging to logfile /var/log/btrfs-balance/btrfs-balance\_2022-06-05.log ...

>> [2022-06-05 08:36:24 CEST] [INFO] Called script: /usr/local/sbin/btrfs-balance --check

>> [2022-06-05 08:36:25 CEST] [INFO] NOK: Cleanup necessary - BTRFS usage: 27.23G, Real usage: 24.27G, Delta: 2.96G >= 2G (Threshold)

lp05ipm12w5vm:~ # btrfs fi balance start -dusage=50 /

Done, had to relocate 3 out of 39 chunks

lp05ipm12w5vm:~ # btrfs fi balance start -dusage=60 /

Done, had to relocate 0 out of 37 chunks

lp05ipm12w5vm:~ # /usr/local/sbin/btrfs-balance --check

>> [2022-06-05 08:37:26 CEST] [INFO] Starting logging to logfile /var/log/btrfs-balance/btrfs-balance\_2022-06-05.log ...

>> [2022-06-05 08:37:26 CEST] [INFO] Called script: /usr/local/sbin/btrfs-balance --check

>> [2022-06-05 08:37:26 CEST] [INFO] OK: Cleanup not necessary - BTRFS usage: 25.23G, Real usage: 24.27G, Delta: 0.96G < 2G (Threshold)

lp05ipm12w5vm:~ #

lp05ipm12w5vm:~ #

lp34d45:~ # for i in dbacsds dbalsh12 dbaods12 dbaodsah dbdwhw12 dbipm12 dbipsc12 dbipslah dbipst12 dbkarw12 dbkrausw12 dbportuk dbpsat12 dbqdasah dbqdcw12 dbreport dbtdhw12 dbzoll12; do hagrp -switch $i -to lp34d46; done

lp34d45:~ #

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

TAS000006352855 cluster migration prep

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

vmc storage free | egrep -i --color "0010|0025|0026|0029|002D|002E|002F|0030|0031"

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

/opt/pbis/bin/find-group-by-name --level 1 "europe.bmw.corp\\UNIX\_SERVER\_AQM3"

[INSTSERV][qxz10kv][lpinstiaas01] /opt/pbis/bin $ ./find-group-by-name --level 1 "europe.bmw.corp\\UNIX\_SERVER\_PRICE\_APP\_ADMIN"

sed '/TAS000006585354/,/^$/!d;/^$/s//--/' /etc/sudoers

https://atc.bmwgroup.net/confluence/display/IAAS18/5.15.5+Linux+HBA+Problems+and+Solutions

sed '/TAS000006718057/,/^$/!d;/^$/s//--/' /etc/sudoers

autosan.pl order-disks-vm -o TAS000005592463 -d 1024:1:DB-Data --vmname ltdb0162vm.bmwgroup.net

autosan.pl order-disks-vm -O TAS000004889235 -d 2048:2:Filesystem --vmname lppga03705vm --vmname lppgb03705vm

vmc storage free | egrep -i '0010|0025|0026|0029|0010|0025|0026|0029|002D|002D|002E|002F|0030|0031|002E|002F|0030|0031' | sort -k3

cat 30nov | awk -F "." '{print $1}' | xargs | tr ' ' '|'

vmc -p -d "360060e80072aad0000302aad000011a1 360060e80072ab20000302ab2000011a1" migratemd lieai48 /dev/md/lieai48

for i in `cat`;do cmdb $i -x |egrep "Server:|OS";done

VM CONSOLE++++++++++++++++++++++++++++++++++++++==========================================================

ctrl+} - to come out of console for VM

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

rudderctl properties-get --hostname=lt09dcr03.bmwgroup.net --key=RUDDER\_MR\_VERSION

downtime -a -h 2 -c 'TAS000005862832 qxz10kv' lp19xenpcdla01.bmwgroup.net

https://atc.bmwgroup.net/confluence/pages/viewpage.action?pageId=635320679

https://atc.bmwgroup.net/confluence/display/IAAS18/5.1.13.10+SLES12+Patch-+and+Firmware+Management

rudderswinst -t TAS000005699595 update lt09dcr03

rshut -r lt09dcr03.bmwgroup.net

sodb\_tag\_mgmt -s -t ipu\_12.2\_12.4 lp34smartopsfwdvm

If you want to apply changes without reboot, modify /etc/pam.d/common-session by adding this line at the end of file:

session required pam\_limits.so

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

for i in \*

do

echo "=============$i======================"

cat $i

done

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

[INSTSERV][qxz10kv][lpinstiaas01] ~ $ vi 31Jul.txt

[INSTSERV][qxz10kv][lpinstiaas01] ~ $ sort -f 31Jul.txt | uniq

01D4

02AC

02BB

038F

03A8

03E1

0426

0427

0434

0435

0436

0437

0438

0439

046A

0494

0498

0499

049A

049B

049C

049D

049E

04CC

04CD

04DE

[INSTSERV][qxz10kv][lpinstiaas01] ~ $ sort -f 31Jul.txt | uniq | wc -l

26

[INSTSERV][qxz10kv][lpinstiaas01] ~ $

https://atc.bmwgroup.net/confluence/display/IAAS18/5.1.13.18+Upgrade+SLES11+SAP+VM+to+SLES12

cat 24apr | awk -F "." '{print $1}' | xargs | tr ' ' '|'

cat makepipe | awk -F "." '{print $1}' | xargs | tr ' ' ','

sort -f 14aug.txt | uniq | awk -F "." '{print $1}' | xargs | tr ' ' '|'

vmc storage free | egrep -i "0290|0291|0296|0295|0294|0293|0292|0291|0290|0292|0293|0294|0295|0296|0298|0297|0299|0298|0297|0299|029A|029A" | sort -k4

vmc storage free | egrep -i "0002|0008|000E|000F|0002|0008|000E|000F" | sort -k4

00:02

00:08

00:0E

00:0F

00:02

00:08

00:0E

00:0F

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

for i in `cat 06taskmr`;do downtime -a -h 8 -c "TAS000004900767 qxz0cvk" $i.bmwgroup.net;done

downtime -a -h 5 -c "TAS000005986456 qxz0cvk" lpxendb053.bmwgroup.net

lp10xenpg010:/tmp # for i in `cat task\_mr`; do echo -------------$i------------;vmc stop $i;done

rudderswinst -t TAS000004898693 update lp10xenpg010.bmwgroup.net

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

for i in lplislog01 lpfortifyssc01 lpitsm60 lpitsm70; do echo "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*$i\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"; vmc info $i; echo; echo; done

for i in lplislog01 lpfortifyssc01 lpitsm60 lpitsm70; do echo "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*$i\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"; vmc storage $i; echo; echo; done

for i in lplislog01 lpfortifyssc01 lpitsm60 lpitsm70; do echo "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*$i\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"; vmc pvinfo $i; echo; echo; done

for i in lplislog01 lpfortifyssc01 lpitsm60 lpitsm70; do echo "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*$i\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"; san\_shortinfo | grep -i $i; echo; echo; done

for i in `cat 06taskmr`;do downtime -l $i.bmwgroup.net;done

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

for i in `cat 28augupmr`; do echo -------------$i------------; vmc info $i; echo; echo; done

for i in `cat 28augupmr`; do echo -------------$i------------; vmc storage $i; echo; echo; done

for i in `cat 28augupmr`; do echo -------------$i------------; vmc pvinfo $i; echo; echo; done

for i in `cat 28augupmr`; do echo -------------$i------------; vmc san\_shortinfo $i; echo; echo; done

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

downtime -a -h 6 -c "TAS000005909389 qxz10kv" lp09xenpg003.bmwgroup.net ----------- Xen ka DT set

for i in `cat 28augpg`;do downtime -a -h 6 -c "TAS000005909389 qxz10kv" $i.bmwgroup.net;done ---------------------------VM ka DT set

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

for i in `cat 28augpg`;do downtime -a -h 8 -c "TAS000005909389 qxz10kv" $i.bmwgroup.net;done

rudderswinst -t TAS000005909389 update lp09xenpg003.bmwgroup.net

for i in `cat 28augupmr`; do echo -------------$i------------;vmc stop $i -f;done

rudderswinst -t TAS000005909389 update lp09xenpg003.bmwgroup.net

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

lp02xenmq03:/etc/sysconfig/network # for i in \*

> do

> echo "=============$i=================="

> cat $i

> done

=============config==================

for i in \*

do

echo "=============$i=================="

cat $i

done

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

[OS reinstall from SP2 to SP5 with current MR & Xenversion update]

Xenfarms are empty while creating the task.

Please only proceed if empty.

List of Xenfarm -

lp10xen1031

lp10xen16

lp10xen17

lp10xenpb2va11

lp10xenppki02

lp10xenppki04

lp10xenpwgcdm001

lp10xentb2v12

lp10xentb2vb15

Perform OS reinstall from SP2 to SP5 with current MR & Xenversion update on all above mentioned xenfarms.

Scheduled - 24.08.2021 20:00:00 - 27.08.2021 20:00:00 CEST

In case of any queries contact : iaas-unix-orga@list.bmw.com

lp10xenpb2va11 - Amit

lp10xenppki02 - Amit

lp10xenppki04 - Amit

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Checks

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Hello All,

Important note for SLES12SP5 servers (reinstall sles12sp2 to sleassp5)

After reinstall server should be with SLES12SP5 with latest kernel version along with latest xen version as mentioned below

Kernel= 4.12.14-122.71-default and xen= xen-4.12.4\_10-3.42.1.22691.7.PTF.1180846.x86\_64

After reinstall we need to take a reboot of the server and then proceed with MR (MR update will install latest xen version)

Only reinstall to sles12sp5 will not serve the purpose .. we also need to perform MR after reinstall ..

Please validate OS version, kernel version and also Xen version (for sles12sp5)

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Please find the steps for Dell Server reinstall and MR steps

Dell server activity (Check console access status)

Console Check: https://atc.bmwgroup.net/confluence/pages/viewpage.action?pageId=1488140809

#/var/tmp/CONSOLE/Console.sh [-H] <Hostname> -O CHECK

Example: #/var/tmp/CONSOLE/Console.sh -H <servername> -O CHECK

Xen server: Take a backup of NW config (Complete /etc/sysconfig/network directory)

#tar -zcvf <servername\_network.tar.gz> /etc/sysconfig/network/

Take a bckup of VMC configuration (#vmc configexport)

now copy (rootscp) the files from host to install server <servername\_network.tar.gz> and vmc configurtaion file

1- Reinstall – (SLES12 SP2 to SLES12 SP5)

Ensure the IDRAC job queue is empty

#install\_server.sh -I sles12sp5\_xen --hook-noabort <Server name>|tee <servername>.bmwgroup.net\_reinstall\_SLES12SP5.log

If the installation failed with IDRAC error or unable to mount ISO or unable to boot in to mini OS then use --normbconf with install\_server.sh + reboot the server

#install\_server.sh --normbconf -I sles12sp5\_xen --hook-noabort <Server name>|tee <servername>.bmwgroup.net\_reinstall\_SLES12SP5.log

Take a reboot of the server

Check is FW BIOS is updated (Fullcheck <server name>

Do a MR on server

#rudderswinst.pl -t <task> update <server>

If any issues use --no-firmware with rudderswinst

#rudderswinst.pl -t <task> update <server> --no-firmware

manually update FW and BIOS config

#fwctl update --hostname=<Server name>

If FW update hangs at Emulex FW update then you may need to terminate the process and run Emulex FW update manually from server .. for more details follow the document

https://atc.bmwgroup.net/confluence/display/IAAS18/5.1.13.10+SLES12+Patch-+and+Firmware+Management#id-5.1.13.10SLES12PatchandFirmwareManagement-RudderswinstandManualFWupdatefwctlfailsoninstallingBMW-FW-Emulexdrivepackage

tar -zcvf lpxendb053\_keys.tar.gz /lfs/xen/keys

Reboot the server and then try to reconfigure RMB (install\_server.sh --rmbonly)

#install\_server.sh --rmbonly -u Administrator -P <servername> >

2. MR update

#rudderswinst.pl -t <task> update <server>

If any issues use --no-firmware with rudderswinst

#rudderswinst.pl -t <task> update <server> --no-firmware

manually update FW and BIOS config

#fwctl update --hostname=<Server name>

If FW update hangs at Emulex FW update then you may need to terminate the process and run Emulex FW update manually from server .. for more details follow the document

https://atc.bmwgroup.net/confluence/display/IAAS18/5.1.13.10+SLES12+Patch-+and+Firmware+Management#id-5.1.13.10SLES12PatchandFirmwareManagement-RudderswinstandManualFWupdatefwctlfailsoninstallingBMW-FW-Emulexdrivepackage

Reboot the server and then try to reconfigure RMB (install\_server.sh --rmbonly)

#install\_server.sh --rmbonly -u Administrator -P <servername> >

===================Commands===============

tar -zcvf lp10xenppki02\_network.tar.gz /etc/sysconfig/network/

downtime -a -h 6 -c "TAS000005904791 qxz10kv" lp10xenppki02.bmwgroup.net

update\_dcodb\_status.py --set --release SLES12SP5 --status Installation --server lp10xenppki02.bmwgroup.net

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

install\_server.sh --normbconf -I sles12sp5\_xen --hook-noabort lp10xenppki02|tee lp10xenppki02.bmwgroup.net\_reinstall\_SLES12SP5.log

update\_dcodb\_status.py --remove --server lp10xenppki02.bmwgroup.net

rudderswinst -t TAS000005904791 update lp10xenppki02.bmwgroup.net

install\_server.sh -I sles12sp5\_xen --hook-noabort lp10xenppki02|tee lp10xenppki02.bmwgroup.net\_reinstall\_SLES12SP5.log

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tar -zcvf lp10xenppki04\_network.tar.gz /etc/sysconfig/network/

downtime -a -h 8 -c "TAS000005904791 qxz10kv" lp10xenppki04.bmwgroup.net

update\_dcodb\_status.py --set --release SLES12SP5 --status Installation --server lp10xenppki04.bmwgroup.net

install\_server.sh -I sles12sp5\_xen --hook-noabort lp10xenppki04|tee lp10xenppki04.bmwgroup.net\_reinstall\_SLES12SP5.log

If installation fails from above reason

install\_server.sh --normbconf -I sles12sp5\_xen --hook-noabort lp10xenppki04|tee lp10xenppki04.bmwgroup.net\_reinstall\_SLES12SP5.log

rudderswinst -t TAS000005904791 update lp10xenppki04.bmwgroup.net

update\_dcodb\_status.py --remove --server lp10xenppki04.bmwgroup.net

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

lp09zap18:/global/izaics10/apps/cd # rpm -qa --last | grep -i cd

===================/////////////////////////////////////////

for i in `cat`; do echo =====$i=====;vmc list $i;vmc info $i;vmc storage $i;vmc pvinfo $i;san\_shortinfo | grep $i;vmc backupinfo $i;done

lipga00858vm

lipga00878vm

lipga00909vm

lipga00975vm

lipga01013vm

lipga01015vm

for i in `cat` ; do echo =============================$i================================= ; vmc list $i ; vmc info $i; vmc storage $i; vmc pvinfo $i; san\_shortinfo | grep $i ; vmc backupinfo $i; done

san\_shortinfo |egrep -i "lipga00858vm|lipga00878vm|lipga00909vm|lipga00975vm|lipga01013vm|lipga01015vm"

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

uptime;cat /etc/issue;df -hT;cat /etc/issue;cat /etc/fstab;lsblk;pvs;vgs;lvs;pvdisplay;vgdisplay;lvdisplay;ifconfig -a;netstat -nrv;route -n;cd /etc/sysconfig/network/;ls;cat ifcfg-eth0;cat ifcfg-eth1;cat ifroute-eth1;cat routes;cd;df -h | grep -i sec;cat /etc/rudder\_vars.lst;rpm -qa | grep -i vee;ls -l /etc/BMW-release; cat /etc/BMW-release | grep -i current

uptime;\n cat /etc/issue;\n df -hT;cat /etc/issue;cat /etc/fstab;lsblk;pvs;vgs;lvs;pvdisplay;vgdisplay;lvdisplay;ifconfig -a;netstat -nrv;route -n;cd /etc/sysconfig/network/;ls;cat ifcfg-eth0;cat ifcfg-eth1;cat ifroute-eth1;cat routes;cd;df -h | grep -i sec;cat /etc/rudder\_vars.lst;rpm -qa | grep -i vee;ls -l /etc/BMW-release; cat /etc/BMW-release | grep -i current

uptime;cat /etc/issue;df -hT;cat /etc/issue;cat /etc/fstab;lsblk;pvs;vgs;lvs;pvdisplay;vgdisplay;lvdisplay;ifconfig -a;netstat -nrv;route -n;cd /etc/sysconfig/network/;ls;cat ifcfg-eth0;cat ifcfg-eth1;cat ifroute-eth1;cat routes;cd;df -h | grep -i sec;cat /etc/rudder\_vars.lst;rpm -qa | grep -i vee;ls -l /etc/BMW-release; cat /etc/BMW-release | grep -i current

downtime -a -h 2 -c "TAS000006308680 qxz10kv-VMMove" lpbkdb016vm.bmwgroup.net

Storm Team DL:

StorM <StorM@bmw.com> StorM operations team

Service: server-toolsstorage:global

Assignee Group: storage-tool-06:global:2nd

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TAS000005618497 - IPU

TAS000006036824 - Mine task

TAS000006048561 - Closed failed

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TAS000005997360

TAS000005997454

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TAS000006036824

PLT Bugfix OS Reinstall [SP2 to SP5] lp10xentb2v11

Step 1 : Please confirm lp10xentb2v11 is empty before processing.

Step 2 : Perform SLES 12 SP2 to SP5 OS Reinstall + MR Update + Kernel Version + Xen version update on lp10xentb2v11

Duration : 14.10.2021 03:00:00 - 09:00:00 CEST

In case of any queries contact : iaas-unix-orga@list.bmw.

https://atc.bmwgroup.net/confluence/display/IAAS18/5.10.2.6+Reinstall+XEN+Node+with+SLES12

TAS000005904791 - Reference task

lp10xentb2v11.bmwgroup.net

downtime -a -h 6 -c "TAS000006036824 qxz10kv-xenreinstall" lp10xentb2v11.bmwgroup.net

tar -zcvf lp10xentb2v11 \_network.tar.gz /etc/sysconfig/network/

tar -zcvf lp10xentb2v11 \_keys.tar.gz /lfs/xen/keys/

update\_dcodb\_status.py --set --release SLES12SP5 --status Installation --server lp10xentb2v11.bmwgroup.net

install\_server.sh --normbconf -I sles12sp5\_xen --hook-noabort lp10xentb2v11|tee lp10xentb2v11.bmwgroup.net\_reinstall\_SLES12SP5.log

rudderswinst -t TAS000006036824 update lp10xentb2v11.bmwgroup.net

update\_dcodb\_status.py --remove --server lp10xentb2v11.bmwgroup.net

update\_dcodb\_status.py --remove --server <FQDN>

]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]

lt09zas01:~ # rpm -qa | grep -i docker

docker-19.03.14\_ce-98.57.1.x86\_64

docker-libnetwork-0.7.0.1+gitr2908\_55e924b8a842-34.1.x86\_64

docker-runc-1.0.0rc10+gitr3981\_dc9208a3303f-1.49.1.x86\_64

lt09zas01:~ # zypper up docker

Loading repository data...

Reading installed packages...

Resolving package dependencies...

The following NEW package is going to be installed:

runc

The following 2 packages are going to be REMOVED:

docker-libnetwork docker-runc

The following 2 packages are going to be upgraded:

containerd docker

The following 3 packages have no support information from their vendor:

containerd docker runc

2 packages to upgrade, 1 new, 2 to remove.

Overall download size: 0 B. Already cached: 52.7 MiB. After the operation, additional 27.6 MiB will be used.

Continue? [y/n/...? shows all options] (y): y

In cache runc-1.0.0~rc93-16.11.1.x86\_64.rpm (1/3), 3.4 MiB ( 14.5 MiB unpacked)

In cache containerd-1.4.4-16.42.1.x86\_64.rpm (2/3), 17.5 MiB ( 81.0 MiB unpacked)

In cache docker-20.10.6\_ce-98.66.1.x86\_64.rpm (3/3), 31.8 MiB (160.4 MiB unpacked)

Checking for file conflicts: ..........................................................................................................................[done]

(1/3) Installing: runc-1.0.0~rc93-16.11.1.x86\_64 ......................................................................................................[done]

(2/3) Installing: containerd-1.4.4-16.42.1.x86\_64 .....................................................................................................[done]

(3/3) Installing: docker-20.10.6\_ce-98.66.1.x86\_64 ....................................................................................................[done]

Additional rpm output:

Updating /etc/sysconfig/docker...

lt09zas01:~ # rpm -qa | grep -i docker

docker-20.10.6\_ce-98.66.1.x86\_64

lt09zas01:~ #

========================NAIOS ALERT DISABLEMENT===for 172 hours====================

[INSTSERV][qxz0mx4][lpinstiaas10] ~ $ downtime -a -h 172 -c TAS000006091797 -s os\_linux\_postgres\_vm-xenconfig lp10pgb01692vm.bmwgroup.net

[1636805469] SCHEDULE\_SVC\_DOWNTIME;lp10pgb01692vm.bmwgroup.net;os\_linux\_postgres\_vm-xenconfig;1636805469;1637424669;1;0;619200;remote;TAS000006091797

[INSTSERV][qxz0mx4][lpinstiaas10] ~ $

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

downtime -a -h 2 -c "TAS000006091797 qxz10kv-PGServerMove" lp30emspab2vm.w30.bmwgroup.net

vmc set lt10pga00031vm partner lt10pgb00031vm

vmc set lp10pgb01561vm partner lp10pga01561vm

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

[INSTSERV][qxz0mx4][lpinstiaas10] ~ $ downtime -a -h 172 -c TAS000006091797 -s os\_linux\_postgres\_vm-xenconfig lp10pgb01692vm.bmwgroup.net

[1636805469] SCHEDULE\_SVC\_DOWNTIME;lp10pgb01692vm.bmwgroup.net;os\_linux\_postgres\_vm-xenconfig;1636805469;1637424669;1;0;619200;remote;TAS000006091797

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

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Work Info History

Task ID TAS000005994273

Submit Date 28.09.2021 19:57:38

Submitter qxz0qpl

Source

View Access Internal

Summary Task checked - ME - ERROR

Notes Dear requestor,

unfortunately, your request cannot be processed due to the error(s) listed below at the end of this message.

The task will be set to "Pending Error" and will need to be corrected by the requester.

Once you have corrected the Errors below, please set the "End Date" and "Time" of the task according to the Task Guidelines below, if the necessary time frame as defined in the link below is not allotted, this may cause it to be set to "Pending Error" again. Then set the Task back to "Pending Assignment" and it will be checked again by the Task QA and assigned when all issues have been resolved.

Task Guidelines and Runtime: https://contenthub.bmwgroup.net/web/linux-unix-openstack/task-guidelines

For more information and documentation on Sudo/User/Group related requests, please visit the following FG-841 page:

https://coma.bmwgroup.net/web/linux-unix-openstack/linux-user-management

Kind Regards,

Your BMW Unix Support

ERROR: we would request you to please provide the 4 hours lead time of this task and please do not schedule the all task at same time.

-

Your request cannot be processed due to Error(s) TASK#

Task ID TAS000005994273

Submit Date 29.09.2021 09:44:58

Submitter qxz0c93

Source

View Access Internal

Summary Task checked - AA - OK

Notes Dear Madam, Dear Sir,

your task has been pre-qualified and checked for the required information. It will be assigned to an appropriate team member shortly. Please do not modify the task. Should there be a pressing reason to modify the task, please contact the assignee directly and coordinate all modifications with the assignee. The assignee must be involved in any future modifications. This is imperative for the correct execution of the task and all commitments concerning the task run-time depend on this coordination and cannot be guaranteed if not observed.

More information regarding tools, processes or responsible groups can be found here:

Task Guidelines and Runtime: https://contenthub.bmwgroup.net/web/linux-unix-openstack/task-guidelines

Kind regards,

Your Unix Operations Team.

Printed by qxz10kv on Tuesday, 16.11.2021 10:18:32

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

TAS000005763027 - In this task eth1 was created

for i in `vmc list | awk '{print $1}' | grep ^l`; do host $i ; done

./movexenvm -V lp01dynffzw1vm -A MIGRATE -C TAS000006305588 -T lp01xen31

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

/global/lssp/cmd-real/reboot-remote.sh

hasys -unfreeze lp34d36

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

342 2022-07-22 08:06:46 pvs

343 2022-07-22 08:27:26 pvs

344 2022-07-22 08:27:57 dmsetup remove /dev/mapper/360060e80072c2b0000302c2b0000079c

345 2022-07-22 08:28:16 pvs

346 2022-07-22 08:28:46 pvs | grep -i error

347 2022-07-22 08:29:42 pvs | grep -i error | awk '{print $4}'

348 2022-07-22 08:30:14 pvs | grep -i error > /tmp/mdclear

349 2022-07-22 08:30:34 cat /tmp/mdclear

350 2022-07-22 08:31:04 vi /tmp/mdclear

351 2022-07-22 08:31:17 vi /tmp/mdclear

352 2022-07-22 08:32:18 cat /tmp/mdclear | awk '{print $4}'

353 2022-07-22 08:33:12 for i in `cat /tmp/mdclear | awk '{print $4}'`; do dmsetup remove $i; done

354 2022-07-22 08:33:46 pvs

355 2022-07-22 08:39:11 history

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

check\_ilo

ssl certification renewal

fullcheck --no-sodb --check JobQueue lpcnproxy12001

install\_server.sh --rmbcertonly lpcnproxy12001

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

[INSTSERV][qxz10kv][lpinstiaas02] ~ $ fullcheck --no-sodb --check JobQueue libcwc2

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

Hardware Type: PowerEdge R740

Serial No. : D793DD3

Node name : libcwc2

Local time : Fri Jul 22 19:26:36 CEST 2022

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

JobQueue: iDRAC jobs: 0 (0) [OK]

JobQueue: Pending BIOS Settings: 0 (0) [OK]

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

[INSTSERV][qxz10kv][lpinstiaas02] ~ $ install\_server.sh --rmbcertonly libcwc2

RMB: libcwc2k.bmwgroup.net

RMB IPV6: libcwc2k.bmwgroup.net

Using hardware type DELL

RMB user name not provided, using Administrator (PW out of DB) by default

HW model : PowerEdge R740

Serial number: D793DD3

=> Generate and upload SSL server certificate signed from BMW Group Issuing CA

-> Generate new SSL certificate:

OK

-> Uploads SSL key to iDRAC:

OK

-> Uploads SSL server certificate to iDRAC:

OK

-> Reset iDRAC to apply new certificate:

OK, sleep 300s

[INSTSERV][qxz10kv][lpinstiaas02] ~ $

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

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os\_linux\_fs\_check\_multipath

[‎7/‎21/‎2022 1:25 PM] Seikh Farhan, (Farhan.Seikh@partner.bmw.de):

downtime -a -h 4 -c "INC000039610068" -s "os\_linux\_fs\_check\_multipath" lpsbxenpwa2020.bmwgroup.net

downtime -a -h 6 -c "INC000039187797" -s "os\_linux\_fs\_check\_multipath" FQDN .. like this

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

What is NSI

NSI is the actual connection point between the server NIC and the Switch Interface (patch panel).

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

Host: lt19xen31.bmwgroup.net Service: os\_linux\_fs\_check\_multipath State: CRITICAL Date:

san\_shortinfo |grep ? > /var/tmp/cleanup.mth

for i in $(cat /var/tmp/cleanup.mth | awk '{print $1}'); do dmsetup remove /dev/${i}; echo $i removed; done

for i in $(cat /var/tmp/cleanup.mth | awk '{print $3,$7}'); do echo 1 > /sys/block/${i}/device/delete; echo $i block device deleted; done

Last login: Wed Aug 17 09:14:56 2022 from 160.46.209.61

qplinux@lt19xen31:~> export SUDO\_USER=qxz10kv

qplinux@lt19xen31:~> readonly SUDO\_USER

qplinux@lt19xen31:~> /bin/logger PAM: User $SUDO\_USER logged in as $USER on $SSH\_TTY

qplinux@lt19xen31:~> sudo -s

lt19xen31:~ # san\_shortinfo | grep -i ?

dm-0 | sdb ? 14405 | sdd ? 14405 | - -

dm-1 | sdc ? 14405 | sde ? 14405 | - -

lt19xen31:~ #

lt19xen31:~ #

lt19xen31:~ #

lt19xen31:~ # san\_shortinfo |grep ? > /var/tmp/cleanup.mth

lt19xen31:~ # cat /var/tmp/cleanup.mth

dm-0 | sdb ? 14405 | sdd ? 14405 | - -

dm-1 | sdc ? 14405 | sde ? 14405 | - -

lt19xen31:~ # for i in $(cat /var/tmp/cleanup.mth | awk '{print $1}'); do dmsetup remove /dev/${i}; echo $i removed; done

dm-0 removed

dm-1 removed

lt19xen31:~ # for i in $(cat /var/tmp/cleanup.mth | awk '{print $3,$7}'); do echo 1 > /sys/block/${i}/device/delete; echo $i block device deleted; done

sdb block device deleted

sdd block device deleted

sdc block device deleted

sde block device deleted

lt19xen31:~ # su - qqnagio

qqnagio@lt19xen31:~>

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

groupadd -g801277 I\_L\_RWDM [‎8/‎18/‎2022 8:00 PM] Arora Sanjeev, (Sanjeev.Arora@partner.bmw.de):

groupadd -g 863463 gueapp\_pboc\_prod

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

lp34kwom1:~ # su - qqnagio

qqnagio@lp34kwom1:~> prod/lib/nagios/plugins/check\_mailq -w 0 -c 1 -t 60

CRITICAL: postfix mailq is 6 (threshold c = 1)|unsent=6;0;1;0

qqnagio@lp34kwom1:~> exit

logout

lp34kwom1:~ # postsuper -d ALL

postsuper: Deleted: 6 messages

lp34kwom1:~ # mailq

Mail queue is empty

lp34kwom1:~ # su - qqnagio

qqnagio@lp34kwom1:~> prod/lib/nagios/plugins/check\_mailq -w 0 -c 1 -t 60

OK: postfix mailq reports queue is empty|unsent=0;0;1;0

qqnagio@lp34kwom1:~>

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

downtime -a -h 6 -c 'TAS000006555293 qxz10kv' limq75vm.bmwgroup.net

rudderswinst ipu\_12.4\_12.5 --manual SERVER\_FQDN

rudderswinst -t TAS000006272759 ipu\_15.2\_15.3 ltgmgh01.bmwgroup.net

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

please remount with user qq0ipm0

lp02ipm12w22vm.w2 - /nfs/w2/CHRONOS\_W/aw\_15

lp01ipm12vm.w2 - /nfs/w1/chronos\_w/aw\_15/

san\_shortinfo |grep ? > /var/tmp/cleanup.mthamit

for i in $(cat /var/tmp/cleanup.mthamit | awk '{print $1}'); do dmsetup remove /dev/${i}; echo $i removed; done

for i in $(cat /var/tmp/cleanup.mthamit | awk '{print $3,$7}'); do echo 1 > /sys/block/${i}/device/delete; echo $i block device deleted; done

san\_shortinfo |grep ? > /var/tmp/cleanup.mth

for i in $(cat /var/tmp/cleanup.mth | awk '{print $1}'); do dmsetup remove /dev/${i}; echo $i removed; done

for i in $(cat /var/tmp/cleanup.mth | awk '{print $3,$7}'); do echo 1 > /sys/block/${i}/device/delete; echo $i block device deleted; done

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

[‎9/‎6/‎2022 12:51 PM] Yadav Arvind, (Arvind.Yadav@partner.bmw.de):

SLA Breaches

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

FYI….Breached INC needs to be resolve with Proper Tag.

For every ticket which has Breached the Service Target, the assignee needs to update the work info notes as:

•       Work Info Type - “Closure Follow Up”

•       Locked - “Yes”.

•       View Access - “Internal”

Reasons to use in Notes section:

Breached due to Hardware Vendor dela

Breached due to Application Team delay

Breached due to BMW delay

Breached due to Customer Unavailability

Breached due to Third Party delay

Note: The above reasons should appear exactly as mentioned

While you are resolving tkt

===========

The issue is resolved now . Actually app team have performed a cleanup from there side and the cache folder is now under threshold

They received minimum server load for this environmnet post that cleanup

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

liascint4jira02:~ # /opt/Symantec/symantec\_antivirus/sav info -a

Enabled

liascint4jira02:~ # su - qqnagio -c "./prod/local/lib/nagios/plugins/check\_sav"

WARNING - signature '09/06/22 rev. 24' is older than 20220907

liascint4jira02:~ # date

Thu Sep 15 04:25:08 CEST 2022

liascint4jira02:~ # /opt/Symantec/symantec\_antivirus/sav info -d;/opt/Symantec/symantec\_antivirus/sav liveupdate -u

09/06/22 rev. 24

Update was successful

liascint4jira02:~ # /etc/init.d/rtvscand restart

Stopping rtvscand: .. done

Starting rtvscand: done

liascint4jira02:~ # su - qqnagio -c "./prod/local/lib/nagios/plugins/check\_sav"

OK - all checks passed successfully

liascint4jira02:~ #

==========================li19bp203:~ # su - qqnagio

qqnagio@li19bp203:~> ./prod/local/lib/nagios/plugins/check\_logfiles --config ./prod/etc/os\_linux\_default\_check\_syslogd.cfg

CRITICAL - (2 errors) - MISSING: nagios:.\*syslog\s+funktioniert ...|syslogworks\_lines=0 syslogworks\_warnings=0 syslogworks\_criticals=2 syslogworks\_unknowns=0

qqnagio@li19bp203:~> exit

logout

li19bp203:~ # getfacl /var/log/messages

getfacl: Removing leading '/' from absolute path names

# file: var/log/messages

# owner: root

# group: root

user::rw-

user:qqsplu0:r--

group::r--

mask::r--

other::---

li19bp203:~ # /usr/bin/setfacl -m u:qqnagio:r /var/log/messages

li19bp203:~ # getfacl /var/log/messages

getfacl: Removing leading '/' from absolute path names

# file: var/log/messages

# owner: root

# group: root

user::rw-

user:qqnagio:r--

user:qqsplu0:r--

group::r--

mask::r--

other::---

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

[INSTSERV][qxz10kv][lpinstiaas02] ~ $ fullcheck --no-sodb --check JobQueue lpxenpwa021

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

Hardware Type: PowerEdge R740

Serial No. : 3GQF643

Node name : lpxenpwa021

Local time : Fri Sep 16 20:07:28 CEST 2022

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

JobQueue: iDRAC jobs: 0 (0) [OK]

JobQueue: Pending BIOS Settings: 0 (0) [OK]

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

[INSTSERV][qxz10kv][lpinstiaas02] ~ $ install\_server.sh --rmbcertonly lpxenpwa021

RMB: lpxenpwa021k.bmwgroup.net

Using hardware type DELL

RMB user name not provided, using Administrator (PW out of DB) by default

HW model : PowerEdge R740

Serial number: 3GQF643

=> Generate and upload SSL server certificate signed from BMW Group Issuing CA

-> Generate new SSL certificate:

OK

-> Uploads SSL key to iDRAC:

OK

-> Uploads SSL server certificate to iDRAC:

OK

-> Reset iDRAC to apply new certificate:

OK, sleep 300s

[INSTSERV][qxz10kv][lpinstiaas02] ~ $

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

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

[INSTSERV][qxz13b0][lp10instiaas02] ~ $ pbis\_setreq.sh lp10dkpga0130vm

=> Fetched roles:

\* UNIX\_PWAN\_OPERATIONS\_EXTERNAL

\* UNIX\_PWAN\_OPERATIONS\_FTI

\* UNIX\_PWAN\_OPERATIONS\_INTERNAL

=> Connecting to Server...

\* OK (lp10dkpga0130vm.bmwgroup.net)

=> Checking 'RequireMembershipOf' policy mode...

\* OK (local policy)

=> Setting 'RequireMembershipOf'...

\* OK (Set)

=> Changes:

\* no changes in access

[INSTSERV][qxz13

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

we will process the request post tag "pw\_allow" set for the server, Mail attached

Notes In absence of pw\_allow tag on the server, not able to process the request. we will process the request post tag set for the server, Mail attached

[INSTSERV][qxz28vm][lpinstiaas02] ~ $ sodb\_tag\_mgmt --check lptep07

This is SODB Server Tag Management script ...

For a verbose log please see logfile /global/instserv/logs/sodb\_tag\_mgmt/2022-09-27\_05-28-28\_SduK.log on server lpinstiaas02 ...

User 'qqinstserv' called command: /global/instserv/bin/sodb\_tag\_mgmt --check lptep07

Checking SLES version ... [OK] Found OS SUSE Linux Enterprise Server 12 (x86\_64) ....

Checking SODB tags for server lptep07 [OK] No tags are set in SODB

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

From: Noyes Geoffrey, (Geoffrey.Noyes@partner.bmw.de) <Geoffrey.Noyes@partner.bmw.de>

Sent: Monday, September 26, 2022 7:15 PM

To: Stanciu-Istrate Andreea, (Andreea.SA.Stanciu-Istrate@partner.bmw.de) <Andreea.SA.Stanciu-Istrate@partner.bmw.de>; Chauhan Kamendra, (Kamendra.Chauhan@partner.bmw.de) <Kamendra.Chauhan@partner.bmw.de>; Walia Lavepreet, (Lavepreet.Walia@partner.bmw.de) <Lavepreet.Walia@partner.bmw.de>; Klingbeil Dieter, FG-832RG <Dieter.Klingbeil@bmw.de>; Enseleit Jan, FG-832 <Jan.Enseleit@bmw.de>; gergely szabolcs, (szabolcs.gergely@partner.bmw.de) <szabolcs.gergely@partner.bmw.de>; Lehmann Dirk, FG-760 <Dirk.DR.Lehmann@bmw.de>; Fruth Dominik, FG-6-V-20 <Dominik.Fruth@bmw.de>; Prieto Sabugo Javier, FG-832 <Javier.Prieto@bmwgroup.com>

Cc: DL-iaas-unix <iaas-unix@list.bmw.com>

Subject: AW: TAS000006647574 Wichtig/Important! pw\_allow

Importance: High

Hello Andreea,

@Dieter (Jan is off today): These Users (qqstard & qqsq001) are OPC users & the request should be granted, they still require passwords for the HOST transfers.

Passwords for QQ users always require a pw\_allow for the server. This has been true for over 10 years, this is not a new process.

Javier set the pw\_allow for all currently productive STARD/ATLAS systems a while back due to the OPC/UCMD users as discussed w/ Dirk/Dominik when the SAP pw\_allow was removed from all SAP systems. This system is new and being moved to production. For new systems you must always remember to request this, or the OS Admins will not be able to set the passwords. As explicitly warned/discussed during the S11->S12 migrations, FG-230 no longer sets any pw\_allow, so you cannot “borrow” theirs any longer. You must always request a pw\_allow fopr new servers, this cannot be automated (you are requesting the systems to be Tagged non BMW security conform by doing so! and requesting an security exception).

Please fill out (see https://contenthub-de.bmwgroup.net/web/linux-unix-openstack/linux-user-management )

REQUIRED Technical „QQ" Account Password Exception Approval Questionnaire for a pw\_allow Approval:

https://atc.bmwgroup.net/confluence/display/LINUX/technical\_account\_password

and send it to Dieter.Klingbeil@bmw.de & Jan.Enseleit@bmw.de and they will set the TAG in the Operations Database and the passwords can then be set by the OS admins.

regards,

TAS000006390945

TAS000006393193

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TAS000006538572

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

Register SecFS host

/opt/vormetric/DataSecurityExpert/agent/vmd/bin/register\_host silent /var/rudder/tmp/hostreg.conf

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

rudderswinst -t TAS000006681488 install lpbkvvs23.bmwgroup.net MW-SecFS

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

rpm -qa --last | grep -i VRTS

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

VMWARE SERVER REBOOT SCRIPT

/global/lssp/cmd-real/reboot-remote.sh

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

downtime -a -h 2 -c "TAS000006745686 qxz10kv" lp10p0304.bmwgroup.net

rudderswinst -t TAS000006745686 update lp10p0304.bmwgroup.net

downtime -a -h 2 -c "TAS000006745686 qxz10kv" lp10p0305.bmwgroup.net

rudderswinst -t TAS000006745686 update lp10p0305.bmwgroup.net

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

substitution

:1,$s/existingword/bywhichtobereplaced/g

downtime -a -h 3 -c "TAS000006011732 qxz10kv" lp19xentwa2021.bmwgroup.net

tar -zcvf lp19xentwa2021\_keys.tar.gz /lfs/xen/keys

tar -zcvf lp19xentwa2021\_network.tar.gz /lfs/xen/keys

tar -zcvf lp19xentwa2021\_network.tar.gz /etc/sysconfig/network/

install\_server.sh -I sles12sp5\_xen --hook-noabort lp34xen25 --normbconf

install\_server.sh --normbconf -I sles12sp5\_xen --hook-noabort <Server name>|tee <servername>.bmwgroup.net\_reinstall\_SLES12SP5.log

update\_dcodb\_status.py --set --release SLES12SP5 --status Installation --server lp19xentwa2021.bmwgroup.net

install\_server.sh --normbconf -I sles12sp5\_xen --hook-noabort <Server name>

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

install\_server.sh -I sles12sp5\_xen --hook-noabort lp19xentwa2021 --normbconf|tee lp19xentwa2021.bmwgroup.net\_reinstall\_SLES12SP5.log

install\_server.sh --new-minios -I sles12sp5\_xen --hook-noabort --normbconf lp19xentwa2021

[INSTSERV][qxz10kv][lpinstiaas19] ~ $ get\_rmb\_password lp19xentwa2021k

Administrator|67E3B2D21D5C

Administrator2|C52ECD29D49A

install\_server.sh --new-minios  -I sles12sp5\_xen --hook-noabort lp19xentwa2021

install\_server.sh --new-minios -I sles12sp5\_xen --hook-noabort xen-servername

install\_server.sh --new-minios  -I sles12sp5\_xen --hook-noabort lp19xentwa2021

/global/instserv/bin/hooks.d/firstboot/06-01-bmw-cfg-pbis-client-preconf --hostname=lp19xentwa2021

firstboot 06-01-bmw-cfg-pbis-client-preconf 1 NOK