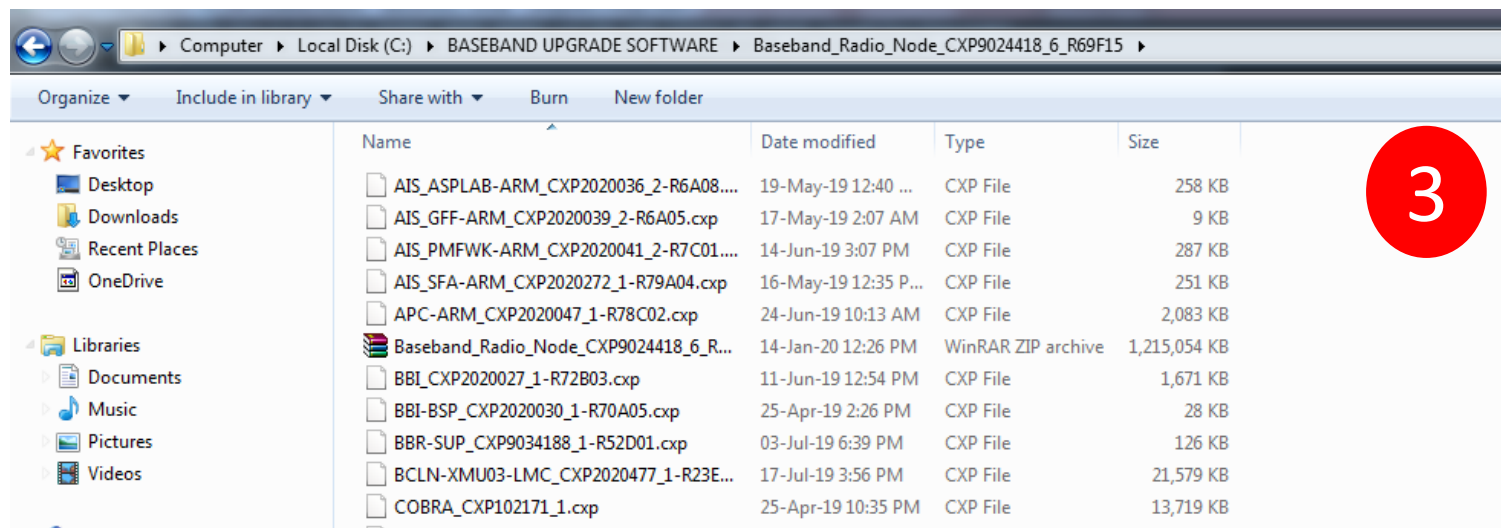
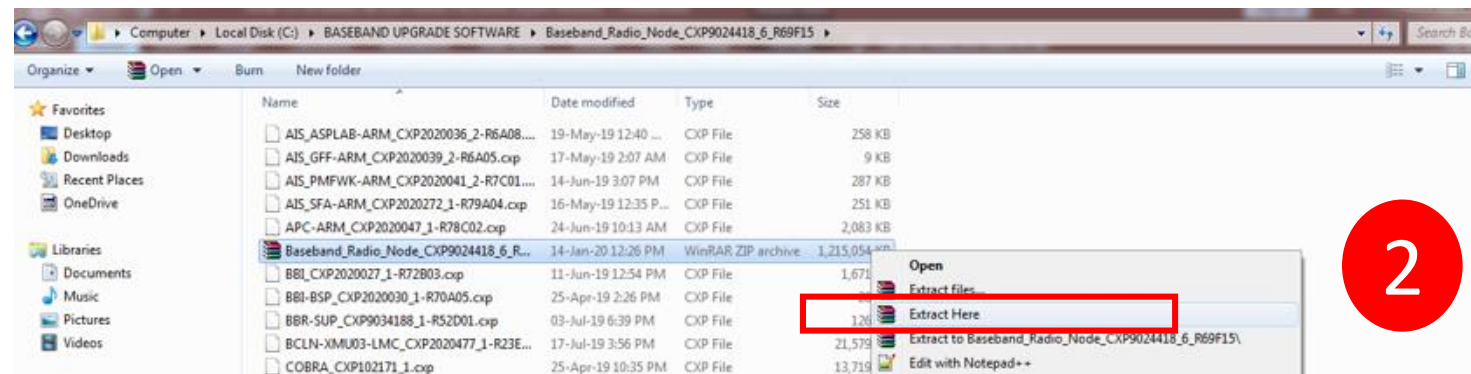
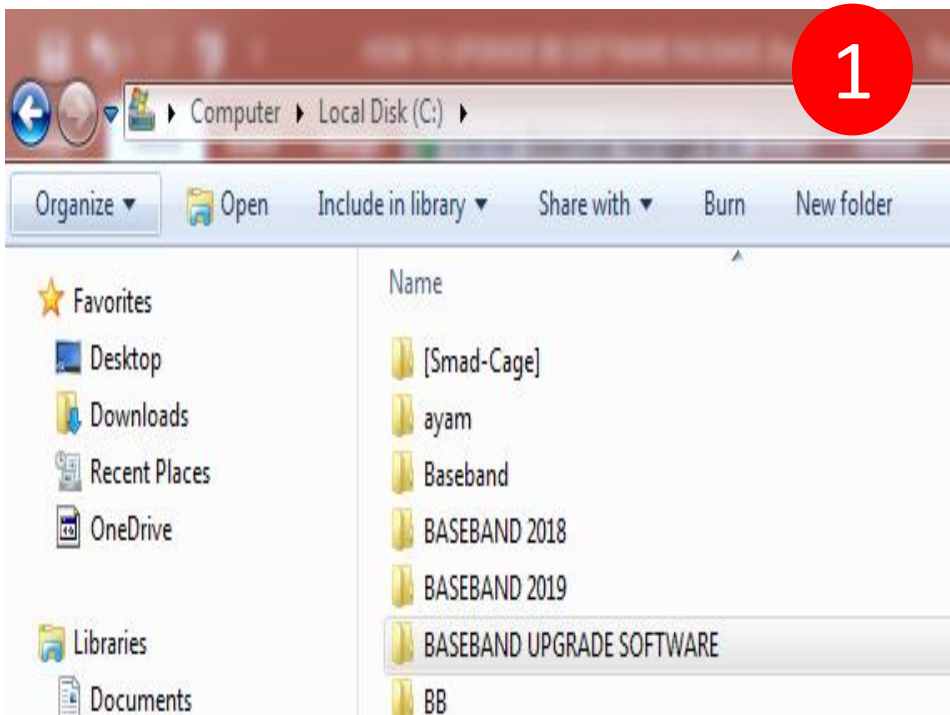
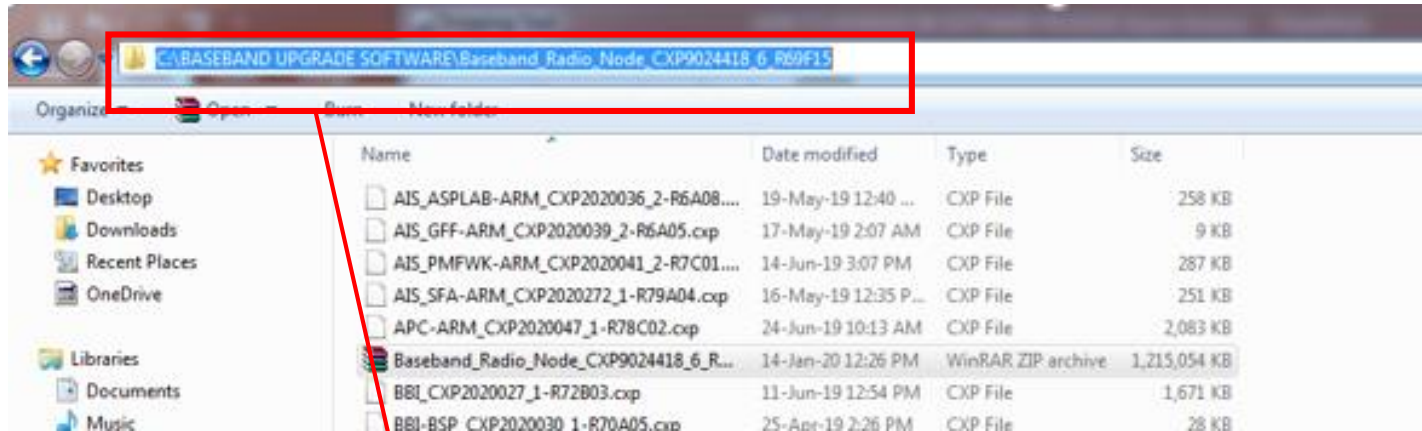


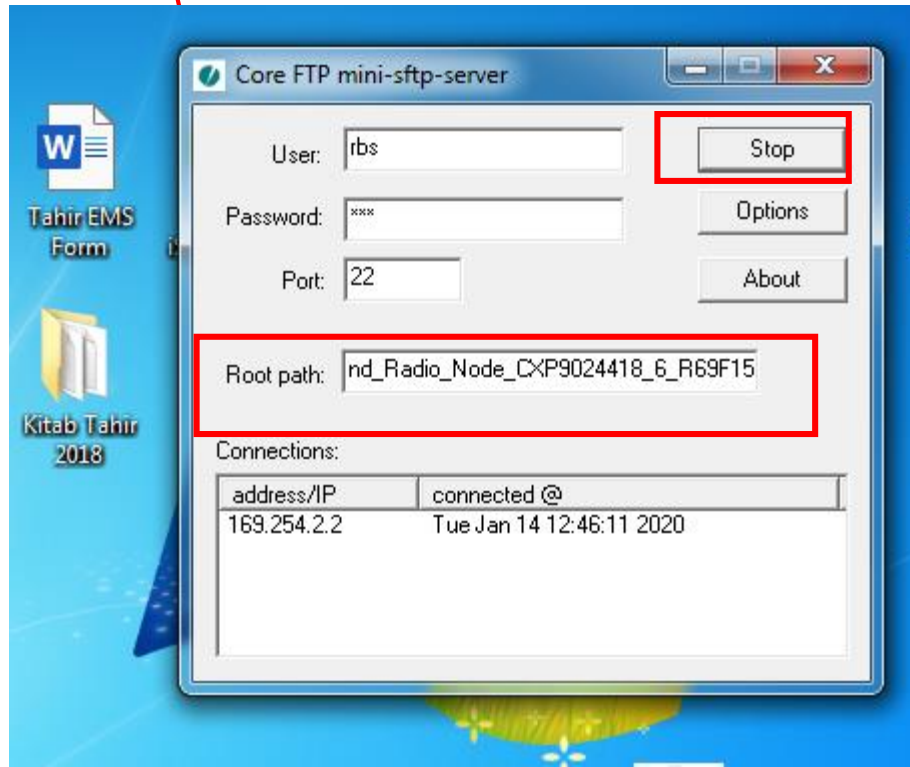
SETUP FOLDER



SETUP MINI SFTP



4



5

CREATE CV BACKUP

1. Connect BB & login moshell
2. Make a new CV , type `cvms before_upgrade_software_R69F15`

```
BB1_S093B_S01657IB_HILTONHOTELKK> cvms before_upgrade_software_R69F15
200114-12:15:29 169.254.2.2 19.0e MSRBS_NODE_MODEL_17.Q4_346.27777.46_e0e8 stopfile=/tmp/1732
=====
Proxy MO                                     Action                                     Nr of Params
=====
  136 BrM=1,BrmBackupManager=1              createBackup                               1
>>> Return value = 0
=====
Total: 1 MOs attempted, 1 MOs actioned
Waiting 5 seconds before starting to poll...
MO ElapsedTime state progressCount progressHeader
BrmBackupManager=1 0s RUNNING 0/100 (0%) Creating database backup
BrmBackupManager=1 2s RUNNING 0/100 (0%) Creating database backup
BrmBackupManager=1 5s RUNNING 0/100 (0%) Creating database backup
BrmBackupManager=1 7s RUNNING 0/100 (0%) Creating database backup
BrmBackupManager=1 9s RUNNING 0/100 (0%) Creating database backup
BrmBackupManager=1 11s RUNNING 0/100 (0%) Creating database backup
BrmBackupManager=1 13s FINISHED 100/100 (100%) Creating database backup
Waiting 2 seconds before checking result...
MO ElapsedTime $polp_result $polp_info
BrmBackupManager=1 13s SUCCESS BrM=1,BrmBackupManager=1,BrmBackup=3
Last MO: 6649. Loaded 6649 MOs. Total: 6650 MOs.
```

STARTING SW UPGRADE

1. Type **acc swm createUpgradePackage**
2. **Y**
3. Parameter 1 of 2, uri (string): **sftp://rbs@169.254.2.3**
4. password (derivedRef-RcsSwM.EcimPasswordString): **rbs**

```
BB1_S093B_S01657IB_HILTONHOTELKK> acc swm createUpgradePackage
200114-12:41:15 169.254.2.2 19.0e MSRBS_NODE_MODEL_17.Q4_346.27777.46_e0e8 stopfile=/tmp/1907
Call Action createupgradepackage on following 1 MOs ?
=====
6463 SystemFunctions=1,SwM=1
=====
Call action createupgradepackage on 1 MOs. Are you Sure [y/n] ? y
=====
Proxy MO Action Nr of Params
=====
6463 SwM=1 createUpgradePackage 2
Parameter 1 of 2, uri (string): sftp://rbs@169.254.2.3
Parameter 2 of 2, password (derivedRef-RcsSwM.EcimPasswordString):
>>> Return value = 57149
=====
Total: 1 MOs attempted, 1 MOs actioned
Waiting 5 seconds before starting to poll...
MO ElapsedTime state progressCount progressHeader
SwM=1 0s RUNNING 0/100 (0%) Action started
SwM=1 2s RUNNING 0/100 (0%) Action started
SwM=1 4s RUNNING 0/100 (0%) Action started
SwM=1 7s RUNNING 0/100 (0%) Action started
SwM=1 9s RUNNING 0/100 (0%) Action started
SwM=1 11s RUNNING 0/100 (0%) Action started
SwM=1 13s RUNNING 0/100 (0%) createUpgradePackage commenced
SwM=1 15s RUNNING 0/100 (0%) createUpgradePackage commenced
SwM=1 17s RUNNING 0/100 (0%) createUpgradePackage commenced
SwM=1 20s RUNNING 0/100 (0%) Reading UP data
SwM=1 22s RUNNING 0/100 (0%) Reading UP data
SwM=1 24s RUNNING 0/100 (0%) Reading UP data
SwM=1 26s RUNNING 0/100 (0%) Reading UP data
SwM=1 28s RUNNING 0/100 (0%) Reading UP data
SwM=1 31s FINISHED 100/100 (100%) createUpgradePackage complete
Waiting 2 seconds before checking result...
MO ElapsedTime $polp_result $polp_info
SwM=1 31s SUCCESS UpgradePackage=CXP9024418/6-R69F15
Last MO: 6650. Loaded 6650 MOs. Total: 6651 MOs.
BB1_S093B_S01657IB_HILTONHOTELKK>
```

3. Type Pr Upgradepack

```
BB1_S093B_S01657IB_HILTONHOTELKK> pr upgradepack

200114-12:43:31 169.254.2.2 19.0e MSRBS_NODE_MODEL_17.Q4_346.27777.46_e0e8 stopfile=/tmp/1907
=====
Proxy  MO
=====
 6464  SystemFunctions=1,SwM=1,UpgradePackage=CXP9024418/6-R28535
 6465  SystemFunctions=1,SwM=1,UpgradePackage=CXP9024418/6-R69F15
=====
Total: 2 MOs

BB1_S093B_S01657IB_HILTONHOTELKK> |
```

4. Type acl UpgradePackage=CXP9024418/6-R69F15

```
BB1_S093B_S01657IB_HILTONHOTELKK> acl UpgradePackage=CXP9024418/6-R69F15

200114-12:44:22 169.254.2.2 19.0e MSRBS_NODE_MODEL_17.Q4_346.27777.46_e0e8 stopfile=/tmp/1907
=====
Proxy  MO                                     Action                                     Nr of Params
=====
 6465  SwM=1,UpgradePackage=CXP9024418/6-R69F15  activate                                  0
 6465  SwM=1,UpgradePackage=CXP9024418/6-R69F15  cancel                                    0
 6465  SwM=1,UpgradePackage=CXP9024418/6-R69F15  confirm                                   0
 6465  SwM=1,UpgradePackage=CXP9024418/6-R69F15  prepare                                   0
 6465  SwM=1,UpgradePackage=CXP9024418/6-R69F15  verify                                    0
=====

BB1_S093B_S01657IB_HILTONHOTELKK> |
```

5. Type acc SwM=1,UpgradePackage=CXP9024418/6-R69F15 prepare

```
BB1_S093B_S01657IB_HILTONHOTELKK> acc SwM=1,UpgradePackage=CXP9024418/6-R69F15 prepare
200114-12:45:40 169.254.2.2 19.0e MSRBS_NODE_MODEL_17.Q4_346.27777.46_e0e8 stopfile=/tmp/1907
Call Action prepare on following 1 MOs ?
=====
 6465 SystemFunctions=1,SwM=1,UpgradePackage=CXP9024418/6-R69F15
=====
Call action prepare on 1 MOs. Are you Sure [y/n] ? y

=====
Proxy MO Action Nr of Params
=====
 6465 SwM=1,UpgradePackage=CXP9024418/6-R69F15 prepare 0
>>> Return value = true
=====
Total: 1 MOs attempted, 1 MOs actioned
```

6. Type polu (wait until finish)

```
BB1_S093B_S01657IB_HILTONHOTELKK> polu
200114-12:45:45 169.254.2.2 19.0e MSRBS_NODE_MODEL_17.Q4_346.27777.46_e0e8 stopfile=/tmp/1907
Waiting 1 seconds before starting to poll...
Last MO: 6650. Loaded 6650 MOs. Total: 6651 MOs.

UpgradePackage=CXP9024418/6-R69F15 ElapsedTime state progressCount progressHead
UpgradePackage=CXP9024418/6-R69F15 0s PREPARE_IN_PROGRESS 0/100 (0%) RUNNING (0)
UpgradePackage=CXP9024418/6-R69F15 10s PREPARE_IN_PROGRESS 0/100 (0%) RUNNING (0)
UpgradePackage=CXP9024418/6-R69F15 21s PREPARE_IN_PROGRESS 0/100 (0%) RUNNING (0)
UpgradePackage=CXP9024418/6-R69F15 31s PREPARE_IN_PROGRESS 0/100 (0%) RUNNING (0)
UpgradePackage=CXP9024418/6-R69F15 41s PREPARE_IN_PROGRESS 0/100 (0%) RUNNING (0)

UpgradePackage=CXP9024418/6-R69F15 535s (08m35s) PREPARE_IN_PROGRESS 30/100 (30%) RUNNING (0) Upgrade package download complete. Unpacking...
UpgradePackage=CXP9024418/6-R69F15 543s (09m03s) PREPARE_IN_PROGRESS 30/100 (30%) RUNNING (0) Upgrade package download complete. Unpacking...
UpgradePackage=CXP9024418/6-R69F15 554s (09m14s) PREPARE_IN_PROGRESS 30/100 (30%) RUNNING (0) Upgrade package download complete. Unpacking...
UpgradePackage=CXP9024418/6-R69F15 564s (09m24s) PREPARE_IN_PROGRESS 30/100 (30%) RUNNING (0) Upgrade package download complete. Unpacking...
UpgradePackage=CXP9024418/6-R69F15 575s (09m35s) PREPARE_IN_PROGRESS 30/100 (30%) RUNNING (0) Upgrade package download complete. Unpacking...
UpgradePackage=CXP9024418/6-R69F15 585s (09m45s) PREPARE_COMPLETED 100/100 (100%) FINISHED (0) Preparation complete
Waiting 60 seconds before checking result...
UP action result: SUCCESS
additionalInfo :
BB1_S093B_S01657IB_HILTONHOTELKK> |
```

7. Type acc UpgradePackage=CXP9024418/6-R69F15 activate

```
BB1_S093B_S01657IB_HILTONHOTELKK> acc UpgradePackage=CXP9024418/6-R69F15 activate
200114-12:58:08 169.254.2.2 19.0e MSRBS_NODE_MODEL_17.Q4_346.27777.46_e0e8 stopfile=/tmp/1907
Call Action activate on following 1 MOs ?
=====
 6465 SystemFunctions=1,SwM=1,UpgradePackage=CXP9024418/6-R69F15
=====
Call action activate on 1 MOs. Are you Sure [y/n] ? y
=====
Proxy MO                                     Action                                     Nr of Params
=====
 6465 SwM=1,UpgradePackage=CXP9024418/6-R69F15 activate                               0
=====
$netconf_pid = 2026
>>> Return value = true
=====
Total: 1 MOs attempted, 1 MOs actioned
BB1_S093B_S01657IB_HILTONHOTELKK> |
```

6. Type polu (wait until finish)

```
BB1_S093B_S01657IB_HILTONHOTELKK> polu
200114-12:58:20 169.254.2.2 19.0e MSRBS_NODE_MODEL_17.Q4_346.27777.46_e0e8 stopfile=/tmp/1907
Waiting 1 seconds before starting to poll...
Last MO: 6650. Loaded 6650 MOs. Total: 6651 MOs.
UpgradePackage=CXP9024418/6-R69F15 ElapsedTime state progressCount progressHeader stepLabel
UpgradePackage=CXP9024418/6-R69F15 0s ACTIVATION_IN_PROGRESS 0/100 (0%) RUNNING (0) Action started
UpgradePackage=CXP9024418/6-R69F15 11s ACTIVATION_IN_PROGRESS 1/100 (1%) RUNNING (0) Activating package CXP9024418/6-R69F1
UpgradePackage=CXP9024418/6-R69F15 21s ACTIVATION_IN_PROGRESS 1/100 (1%) RUNNING (0) Activating package CXP9024418/6-R69F1
UpgradePackage=CXP9024418/6-R69F15 32s ACTIVATION_IN_PROGRESS 1/100 (1%) RUNNING (0) Last chance to cancel without restart
```

UpgradePackage=CXP9024418/6-R69F15	ElapsedTime	state	progressCount	progressHeader	stepLabel
UpgradePackage=CXP9024418/6-R69F15	0s	ACTIVATION_IN_PROGRESS	0/100 (0%)	RUNNING (0)	Action started
UpgradePackage=CXP9024418/6-R69F15	11s	ACTIVATION_IN_PROGRESS	1/100 (1%)	RUNNING (0)	Activating package CXP9024418/6-R69F15
UpgradePackage=CXP9024418/6-R69F15	21s	ACTIVATION_IN_PROGRESS	1/100 (1%)	RUNNING (0)	Activating package CXP9024418/6-R69F15
UpgradePackage=CXP9024418/6-R69F15	32s	ACTIVATION_IN_PROGRESS	1/100 (1%)	RUNNING (0)	Last chance to cancel without restart
UpgradePackage=CXP9024418/6-R69F15	42s	ACTIVATION_IN_PROGRESS	1/100 (1%)	RUNNING (0)	Cancel will now cause a restart
UpgradePackage=CXP9024418/6-R69F15	52s	ACTIVATION_IN_PROGRESS	4/100 (4%)	RUNNING (0)	Installing upgrade package
UpgradePackage=CXP9024418/6-R69F15	63s (01m03s)	ACTIVATION_IN_PROGRESS	4/100 (4%)	RUNNING (0)	Installing upgrade package
UpgradePackage=CXP9024418/6-R69F15	73s (01m13s)	ACTIVATION_IN_PROGRESS	4/100 (4%)	RUNNING (0)	Installing upgrade package
UpgradePackage=CXP9024418/6-R69F15	83s (01m23s)	ACTIVATION_IN_PROGRESS	4/100 (4%)	RUNNING (0)	Installing upgrade package
UpgradePackage=CXP9024418/6-R69F15	94s (01m34s)	ACTIVATION_IN_PROGRESS	4/100 (4%)	RUNNING (0)	Installing upgrade package
UpgradePackage=CXP9024418/6-R69F15	104s (01m44s)	ACTIVATION_IN_PROGRESS	4/100 (4%)	RUNNING (0)	Installing upgrade package
UpgradePackage=CXP9024418/6-R69F15	115s (01m55s)	ACTIVATION_IN_PROGRESS	4/100 (4%)	RUNNING (0)	Installing upgrade package
UpgradePackage=CXP9024418/6-R69F15	125s (02m05s)	ACTIVATION_IN_PROGRESS	4/100 (4%)	RUNNING (0)	Installing upgrade package
UpgradePackage=CXP9024418/6-R69F15	136s (02m16s)	ACTIVATION_IN_PROGRESS	4/100 (4%)	RUNNING (0)	Installing upgrade package
UpgradePackage=CXP9024418/6-R69F15	146s (02m26s)	ACTIVATION_IN_PROGRESS	43/100 (43%)	RUNNING (0)	Database backup complete
UpgradePackage=CXP9024418/6-R69F15	157s (02m37s)	ACTIVATION_IN_PROGRESS	43/100 (43%)	RUNNING (0)	Database backup complete
UpgradePackage=CXP9024418/6-R69F15	167s (02m47s)	ACTIVATION_IN_PROGRESS	43/100 (43%)	RUNNING (0)	Database backup complete
UpgradePackage=CXP9024418/6-R69F15	178s (02m58s)	ACTIVATION_IN_PROGRESS	43/100 (43%)	RUNNING (0)	Database backup complete

UpgradePackage=CXP9024418/6-R69F15	261s (04m21s)	ACTIVATION_IN_PROGRESS	43/100 (43%)	RUNNING (0)	rbsFrumUpgradeEngineLm(CXC2010277
UpgradePackage=CXP9024418/6-R69F15	272s (04m32s)	ACTIVATION_IN_PROGRESS	43/100 (43%)	RUNNING (0)	Loading OS
UpgradePackage=CXP9024418/6-R69F15	282s (04m42s)	ACTIVATION_IN_PROGRESS	43/100 (43%)	RUNNING (0)	Loading OS
UpgradePackage=CXP9024418/6-R69F15	292s (04m52s)	ACTIVATION_IN_PROGRESS	43/100 (43%)	RUNNING (0)	Loading OS
UpgradePackage=CXP9024418/6-R69F15	303s (05m03s)	ACTIVATION_IN_PROGRESS	50/100 (50%)	RUNNING (0)	Activating
UpgradePackage=CXP9024418/6-R69F15	313s (05m13s)	ACTIVATION_IN_PROGRESS	56/100 (56%)	RUNNING (0)	Switching over
UpgradePackage=CXP9024418/6-R69F15	324s (05m24s)	ACTIVATION_IN_PROGRESS	56/100 (56%)	RUNNING (0)	Switching over
UpgradePackage=CXP9024418/6-R69F15	334s (05m34s)	ACTIVATION_IN_PROGRESS	56/100 (56%)	RUNNING (0)	Switching over
UpgradePackage=CXP9024418/6-R69F15	367s (06m07s)	COM.NO_CONTACT	0/100 (0%)	COM.NO_CONTACT (COM.NO_CONTACT)	COM.NO_CONTACT
UpgradePackage=CXP9024418/6-R69F15	427s (07m07s)	COM.NO_CONTACT	0/100 (0%)	COM.NO_CONTACT (COM.NO_CONTACT)	COM.NO_CONTACT
UpgradePackage=CXP9024418/6-R69F15	487s (08m07s)	COM.NO_CONTACT	0/100 (0%)	COM.NO_CONTACT (COM.NO_CONTACT)	COM.NO_CONTACT
UpgradePackage=CXP9024418/6-R69F15	528s (08m48s)	COM.NO_CONTACT	0/100 (0%)	COM.NO_CONTACT (COM.NO_CONTACT)	COM.NO_CONTACT

Connection to COM failed. (Connection refused)

Unable to connect to 169.254.2.2:2023

MO service not ready, retrying in 5 seconds, give up in 1195 seconds...

Connection to COM failed. (Connection refused)

Unable to connect to 169.254.2.2:2023

MO service not ready, retrying in 5 seconds, give up in 1190 seconds...

\$ssh_pid = 2039

Connected to 169.254.2.2 (ManagedElement=BB1_S093B_S01657IB_HILTONHOTELKK)

The node has been restarted on a different SwVersion: from CXP9024418/6-R28535 to CXP9024418/6-R69F15.

Rereading MOM and MIB...

9. BB will restart itself & finish

```
Checking MOM version...MSRBS_NODE_MODEL_19.Q2_346.27777.46_e0e8
Copying /home/User/moshell_logfiles/logs_moshell/tempfiles/20200114-123621_1884/com_node_mim.xml.gz to /home/User/jarxml/MSRBS_NODE_MODEL_19.Q2_346.27777.46_e0e8.xml.gz
MD5 Error: file /home/User/moshell_logfiles/logs_moshell/tempfiles/20200114-123621_1884/rcsmom_index.html not found!
Parsing MOM: /home/User/jarxml/MSRBS_NODE_MODEL_19.Q2_346.27777.46_e0e8.xml.gz .....
Caching MOM to: /home/User/jarxml/MSRBS_NODE_MODEL_19.Q2_346.27777.46_e0e8.xml.cache .....Done.
Compressing to: /home/User/jarxml/MSRBS_NODE_MODEL_19.Q2_346.27777.46_e0e8.xml.cache.gz ...Done.
Using paramfile /home/User/moshell/commonjars/pm/PARAM_MSRBS_19.Q1.txt
Parsing file /home/User/moshell/commonjars/pm/PARAM_MSRBS_19.Q1.txt .....
Using imomdfile /home/User/moshell/commonjars/pm/IMOMD_MSRBS_19.Q2.txt
Using imomfile /home/User/moshell/commonjars/pm/IMOM_MSRBS_19.Q2.txt
Connected to 169.254.2.2 (ManagedElement=BB1_S093B_S01657IB_HILTONHOTELKK)

Last MO: 8874. Loaded 8874 MOs. Total: 8875 MOs.
UpgradePackage=CXP9024418/6-R69F15 616s (10m16s) ACTIVATION_IN_PROGRESS 80/100 (80%) RUNNING (0) Database conversion complete
UpgradePackage=CXP9024418/6-R69F15 626s (10m26s) WAITING_FOR_COMMIT 100/100 (100%) FINISHED (0) Activation complete

=====
Proxy MO Action Nr of Params
=====
8656 SwM=1,UpgradePackage=CXP9024418/6-R69F15 confirm 0

$netconf_pid = 2219

>>> Return value = true
```

```
Fetching 104 MOM fragments via HTTPS
.....
Checking MOM version...MSRBS_NODE_MODEL_19.Q2_421.27954.1058_12e6
Copying /home/User/moshell_logfiles/logs_moshell/tempfiles/20200114-123621_1884/com_node_mim.xml.gz to /home/User/jarxml/MSRBS_NODE_MODEL_19.Q2_421.27954.1058_12e6.xml.gz
Parsing MOM: /home/User/jarxml/MSRBS_NODE_MODEL_19.Q2_421.27954.1058_12e6.xml.gz .....Done.
Caching MOM to: /home/User/jarxml/MSRBS_NODE_MODEL_19.Q2_421.27954.1058_12e6.xml.cache .....Done.
Compressing to: /home/User/jarxml/MSRBS_NODE_MODEL_19.Q2_421.27954.1058_12e6.xml.cache.gz ...Done.
Using paramfile /home/User/moshell/commonjars/pm/PARAM_MSRBS_19.Q1.txt
Parsing file /home/User/moshell/commonjars/pm/PARAM_MSRBS_19.Q1.txt .....Done.
Using imomdfile /home/User/moshell/commonjars/pm/IMOMD_MSRBS_19.Q2.txt
Using imomfile /home/User/moshell/commonjars/pm/IMOM_MSRBS_19.Q2.txt
Connected to 169.254.2.2 (ManagedElement=BB1_S093B_S01657IB_HILTONHOTELKK)

Last MO: 8875. Loaded 8875 MOs. Total: 8876 MOs.

BB1_S093B_S01657IB_HILTONHOTELKK> |
```

10. Pls check upgrade package if already there

11. Type cvls

13. Done !!

```
BB1_S093B_S01657IB_HILTONHOTELKK> cvls
200114-13:12:49 169.254.2.2 19.0e MSRBS_NODE_MODEL_19.Q2_421.27954.1058_12e6 stopfile=/tmp/1907
*
Last MO: 8875. Loaded 8875 MOs. Total: 8876 MOs.
.....
=====
200114-13:12 BackupName SwVersion
=====
LastCreatedBackup: Final_backup_for_BASEBAND_CXP9024418/6_R69F15_20200114T050933+0000 CXP9024418/6_R69F15
LastRestoredBackup:
-----
Current SwVersion: CXP9024418/6_R69F15 (19.Q2)
BrmHouseKeeping: ENABLED (max: 20 backups)
BrmFailSafe: IDLE
RestoreEscalationList: s[2] = Final_backup_for_BASEBAND_CXP9024418/6_R69F15_20200114T050933+0000 Rollback_backup_BASEBAND_CXP9024418/6_R28535_20200114T045826+0000
=====
SwVersion ProductData ProdDate Rel LMs InstallationDate ActivationDate DeactivationDate
=====
CXP9024418/6-R28535 CXP9024418/6_R28535 20181003 17Q4.C7 80 2020-01-14 04:02:34 2020-01-14 04:46:03
CXP9024418/6-R69F15 CXP9024418/6_R69F15 20190802 19.Q2 99 2020-01-14 05:00:37 2020-01-14 05:07:04
=====
UpgradePackage ProductData ProdDate Rel CreationDate State
=====
CXP9024418/6-R28535 CXP9024418/6_R28535 20181003 17Q4.C7 2020-01-14 04:02:32 PREPARE_COMPLETED
CXP9024418/6-R69F15 CXP9024418/6_R69F15 20190802 19.Q2 2020-01-14 04:42:04 COMMIT_COMPLETED
=====
Id BackupName CreationTime SwVersion Rel Type Stat MO
=====
1 Auto integration backup - SITE_CONFIG_COMPLETE 2020-01-14 04:04:40 CXP9024418/6_R28535 17Q4.C7 SYSCR OK BrmBackup=2
2 before_upgrade_software_R69F15 2020-01-14 04:15:25 CXP9024418/6_R28535 17Q4.C7 MANUAL OK BrmBackup=3
3 Rollback_backup_BASEBAND_CXP9024418/6_R28535_20200114T045826+0000 2020-01-14 04:58:26 CXP9024418/6_R28535 17Q4.C7 SYSCR OK BrmBackup=4
4 Final_backup_for_BASEBAND_CXP9024418/6_R69F15_20200114T050933+0000 2020-01-14 05:09:33 CXP9024418/6_R69F15 19.Q2 SYSCR OK BrmBackup=5
=====
>>> Total: 4 CV's, 2 UP's
BB1_S093B_S01657IB_HILTONHOTELKK> |
```



**KEEP
CALM**

AND

SAY

ALHAMDULILLAH