

```
[~]$ moshell 169.254.1.1
```

```
#####  
#           Welcome to MoShell 18.0c (LPA108514/1_R18C)           #  
#           Finn Magnusson, Jan Pettersson                       #  
#           http://newtran01.au.ao.ericsson.se/moshell            #  
#           Contact: Finn.Magnusson@ericsson.com                  #  
#           Joakim.xo.Ostlund@ericsson.com                        #  
#####
```

WARNING: the moshell version currently running is more than 116 weeks old.
It is recommended to always use the latest released moshell version.
Please download the latest version from <http://newtran01.au.ao.ericsson.se/moshell>

Checking ip contact...Not OK
Unable to connect to 169.254.1.1:22
Cannot connect to MO service, exiting...

```
[~]$ moshell 169.254.2.2
```

```
#####  
#           Welcome to MoShell 18.0c (LPA108514/1_R18C)           #  
#           Finn Magnusson, Jan Pettersson                       #  
#           http://newtran01.au.ao.ericsson.se/moshell            #  
#           Contact: Finn.Magnusson@ericsson.com                  #  
#           Joakim.xo.Ostlund@ericsson.com                        #  
#####
```

WARNING: the moshell version currently running is more than 116 weeks old.
It is recommended to always use the latest released moshell version.
Please download the latest version from <http://newtran01.au.ao.ericsson.se/moshell>

Checking ip contact...Not OK
Unable to connect to 169.254.2.2:22
Cannot connect to MO service, exiting...

```
[~]$ 169.254.1.10  
-bash: 169.254.1.10: command not found  
[~]$ moshell 169.254.1.10
```

```
#####  
#           Welcome to MoShell 18.0c (LPA108514/1_R18C)           #  
#           Finn Magnusson, Jan Pettersson                       #  
#           http://newtran01.au.ao.ericsson.se/moshell            #  
#           Contact: Finn.Magnusson@ericsson.com                  #  
#           Joakim.xo.Ostlund@ericsson.com                        #  
#####
```

WARNING: the moshell version currently running is more than 116 weeks old.
It is recommended to always use the latest released moshell version.
Please download the latest version from <http://newtran01.au.ao.ericsson.se/moshell>

Checking ip contact...OK

```
HELP MENU           : h  
BASIC MO COMMANDS   : m  
OTHER MO COMMANDS   : n  
OTHER COMMANDS      : o  
PM COMMANDS         : p
```

QUIT : q

169.254.1.10> lt all

200606-13:39:30 169.254.1.10 18.0c stopfile=/tmp/2407
Checking MOM version...ERBS_NODE_MODEL_J_3_54
Downloading File from http://169.254.1.10/cello/oe/xml/RbsNode.xml to
/home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-
133920_2384/ERBS_NODE_MODEL_J_3_54.xml ...Done.
Moving file to /home/User/jarxml/ERBS_NODE_MODEL_J_3_54.xml ...Done.
Compressing File to /home/User/jarxml/ERBS_NODE_MODEL_J_3_54.xml.gz ...Done.
Parsing MOM:
/home/User/jarxml/ERBS_NODE_MODEL_J_3_54.xml.gz
.....Done.
Caching MOM to: /home/User/jarxml/ERBS_NODE_MODEL_J_3_54.xml.cacheDone.
Compressing to: /home/User/jarxml/ERBS_NODE_MODEL_J_3_54.xml.cache.gz ...Done.
Using paramfile /home/User/moshell/commonjars/pm/PARAM_ERBS_G_1_0.txt
Parsing file /home/User/moshell/commonjars/pm/PARAM_ERBS_G_1_0.txtDone.
Fetching IOR file...Done.
Connecting to 10.157.105.197:56834 (CorbaSecurity=OFF, corba_class=2,
java=1.7.0_10, jacoms=R93D03, jacorb=R89C01)
**** Welcome to the Simple Mo Browser (version 3.0)!
Trying file=C:/cygwin/home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-
133920_2384/ior2384
**** Test Construction OK

\$mobrowser_pid = 2506

Connected to 169.254.1.10
(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)
Connected to 169.254.1.10
(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)
Last MO: 2931. Loaded 2931 MOs. Total: 2932 MOs.

RL10645_UMSKGE> al

200606-13:40:06 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Connecting to 10.157.105.197:56834 (CorbaSecurity=OFF, corba_class=2,
java=1.7.0_10, jacoms=R93D03, jacorb=R89C01)
Trying file=C:/cygwin/home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-
133920_2384/ior2384
Resolving the alarm service in OMS...
Simple Alarm Client initialized...
Starting to retrieve active alarms
Nr of active alarms are: 8

=====

Sever	Specific Problem	MO (Cause/AdditionalInfo)
-------	------------------	---------------------------

=====

Crit	External Alarm	HwUnit=SUP-1,AlarmPort=3 (INTRUDER ALARM LTE)
Min	External Link Failure	ENodeBFunction=1 (X2 link problem to one or several neighbouring eNodeBs. PLMN ID-eNB ID 1 : 50219-520162 PLMN ID-eNB ID 2 : 50219-510937 PLMN ID-eNB ID 3 : 50219-510643 PLMN ID-eNB ID 4 : 50219-516219 PLMN ID-eNB ID 5 : 50219-520013 PLMN ID-eNB ID 6 : 50219-510628 PLMN ID-eNB ID

```

7 : 50219-510387 PLMN ID-eNB ID 8 : 50219-510644 PLMN ID-eNB ID 9 : 50219-510062
PLMN ID-eNB ID : list truncated)
Min No Connection AntennaUnitGroup=2,AntennaNearUnit=1
(Contact lost with resource object)
Min No Connection AntennaUnitGroup=2,AntennaNearUnit=2
(Contact lost with resource object)
Min Resource Allocation Failure Service Degraded SectorCarrier=2 (Insufficient RF
power Hardware Activation Codes)
Min Resource Allocation Failure Service Degraded SectorCarrier=3 (Insufficient RF
power Hardware Activation Codes)
Min Service Degraded EUTRANCellFDD=RL10645_6_2
(performance_degraded)
Min Service Degraded EUTRANCellFDD=RL10645_6_3
(performance_degraded)
>>> Total: 8 Alarms (1 Critical, 0 Major)

```

RL10645_UMSKGE> alt

200606-13:40:17 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

Connecting to 10.157.105.197:56834 (CorbaSecurity=OFF, corba_class=2,
java=1.7.0_10, jacoms=R93D03, jacorb=R89C01)
Trying file=C:/cygwin/home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-
133920_2384/ior2384
Resolving the alarm service in OMS...
Simple Alarm Client initialized...
Starting to retrieve active alarms
Nr of active alarms are: 8

```

```

=====
=====
Date & Time (Local) S Specific Problem MO (Cause/AdditionalInfo)
=====
=====

```

```

2020-03-11 01:38:30 m External Link Failure ENodeBFunction=1 (X2 link
problem to one or several neighbouring eNodeBs. PLMN ID-eNB ID 1 : 50219-520162
PLMN ID-eNB ID 2 : 50219-510937 PLMN ID-eNB ID 3 : 50219-510643 PLMN ID-eNB ID
4 : 50219-516219 PLMN ID-eNB ID 5 : 50219-520013 PLMN ID-eNB ID 6 : 50219-510628
PLMN ID-eNB ID 7 : 50219-510387 PLMN ID-eNB ID 8 : 50219-510644 PLMN ID-eNB ID
9 : 50219-510062 PLMN ID-eNB ID : list truncated)
2020-03-25 01:14:45 m Resource Allocation Failure Service Degraded SectorCarrier=3
(Insufficient RF power Hardware Activation Codes)
2020-03-25 01:14:51 m Service Degraded EUTRANCellFDD=RL10645_6_3
(performance_degraded)
2020-06-05 16:08:37 m No Connection
AntennaUnitGroup=2,AntennaNearUnit=2 (Contact lost with resource object)
2020-06-05 16:08:37 m No Connection
AntennaUnitGroup=2,AntennaNearUnit=1 (Contact lost with resource object)
2020-06-05 16:08:41 m Resource Allocation Failure Service Degraded SectorCarrier=2
(Insufficient RF power Hardware Activation Codes)
2020-06-05 16:08:45 m Service Degraded EUTRANCellFDD=RL10645_6_2
(performance_degraded)
2020-06-06 11:01:26 C External Alarm HwUnit=SUP-1,AlarmPort=3
(INTRUDER ALARM LTE)
>>> Total: 8 Alarms (1 Critical, 0 Major)

```

RL10645_UMSKGE> st ret

200606-13:40:23 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Proxy	Adm State	Op. State	MO
545		1 (ENABLED)	
Equipment=1, AntennaUnitGroup=1, AntennaNearUnit=1, RetSubUnit=1			
547		1 (ENABLED)	
Equipment=1, AntennaUnitGroup=1, AntennaNearUnit=2, RetSubUnit=1			
552		0 (DISABLED)	
Equipment=1, AntennaUnitGroup=2, AntennaNearUnit=1, RetSubUnit=1			
554		0 (DISABLED)	
Equipment=1, AntennaUnitGroup=2, AntennaNearUnit=2, RetSubUnit=1			
575		1 (ENABLED)	
Equipment=1, AntennaUnitGroup=3, AntennaNearUnit=1, RetSubUnit=1			
577		1 (ENABLED)	
Equipment=1, AntennaUnitGroup=3, AntennaNearUnit=2, RetSubUnit=1			
Total: 6 MOs			

RL10645_UMSKGE> get . unique

200606-13:40:35 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

MO	Attribute	Value
ManagedElementData=1	nodeUniqueId	
AntennaUnitGroup=1, AntennaNearUnit=1	onUnitUniqueId	
NT002ACU20151602035		
AntennaUnitGroup=1, AntennaNearUnit=1	uniqueId	
NT002ACU20151602035		
AntennaUnitGroup=1, AntennaNearUnit=2	onUnitUniqueId	
NT002ACU20151600726		
AntennaUnitGroup=1, AntennaNearUnit=2	uniqueId	
NT002ACU20151600726		
AntennaUnitGroup=2, AntennaNearUnit=1	onUnitUniqueId	
NT002ACU20151600741		
AntennaUnitGroup=2, AntennaNearUnit=1	uniqueId	
NT002ACU20151600741		
AntennaUnitGroup=2, AntennaNearUnit=2	onUnitUniqueId	
NT002ACU20151601997		
AntennaUnitGroup=2, AntennaNearUnit=2	uniqueId	
NT002ACU20151601997		
AntennaUnitGroup=3, AntennaNearUnit=1	onUnitUniqueId	
NT002ACU20151602009		
AntennaUnitGroup=3, AntennaNearUnit=1	uniqueId	
NT002ACU20151602009		
AntennaUnitGroup=3, AntennaNearUnit=2	onUnitUniqueId	
NT002ACU20151601990		
AntennaUnitGroup=3, AntennaNearUnit=2	uniqueId	
NT002ACU20151601990		
Total: 7 MOs		

RL10645_UMSKGE>

.Xdefaults*	.minttyrc
RW10645_UMSKGE_dcg_k.log*	moshell.tar*
.bash_history	.moshellrc*

```

alt                                moshell18.0c.zip*
.bash_profile*                    .profile*
jarxml/                           moshell_install*
.bashrc*                          .ssh/
lt                                moshell_logfiles/
.inputrc*
RL10645_ADDSECTOR_DUS_RADIO4443_L21_S2.mos* moshell/
RL10645_UMSKGE> run RL10645_ADDSECTOR_DUS_RADIO4443_L21_S2.mos

RL10645_UMSKGE> confb+

RL10645_UMSKGE> gs+

Perform a get before set = enabled

RL10645_UMSKGE>

RL10645_UMSKGE> lt all

200606-13:40:59 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
Connected to 169.254.1.10
(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)
Last MO: 2931. Loaded 2931 MOs. Total: 2932 MOs.

RL10645_UMSKGE>

RL10645_UMSKGE> ##CREATE RADIO##

RL10645_UMSKGE> crn Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3

200606-13:41:00 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
piuType PiuType=KRC161753/1_*

##RILINK##
crn Equipment=1,RiLink=1_DB_B1B3
riPortRef1 Subrack=1,Slot=1,PlugInUnit=1,RiPort=D
riPortRef2 Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3,RiPort=DATA_2
end

ERROR: incorrect attributes: crn,riPortRef1,riPortRef2

RL10645_UMSKGE>

RL10645_UMSKGE> #####

RL10645_UMSKGE> # CREATE AntennaUnitGroup=2_DB_B1B3

RL10645_UMSKGE> #####

RL10645_UMSKGE> cr Equipment=1,AntennaUnitGroup=2_DB_B1B3

200606-13:41:00 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

>>> [Proxy ID = 2932] MO name
:ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3

RL10645_UMSKGE> cr Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1

200606-13:41:01 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

```
>>> [Proxy ID = 2933] MO name
:ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1

200606-13:41:01 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

>>> [Proxy ID = 2934] MO name
:ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=1

200606-13:41:01 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

>>> [Proxy ID = 2935] MO name
:ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=1

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=2

200606-13:41:02 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

>>> [Proxy ID = 2936] MO name
:ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=2

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2

200606-13:41:02 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

>>> [Proxy ID = 2937] MO name
:ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2,AuPort=1

200606-13:41:02 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

>>> [Proxy ID = 2938] MO name
:ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2,AuPort=1

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2,AuPort=2

200606-13:41:02 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

>>> [Proxy ID = 2939] MO name
:ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2,AuPort=2

RL10645_UMSKGE>
```

RL10645_UMSKGE> ##RFBRANCH##

RL10645_UMSKGE> crn Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1

200606-13:41:02 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

dlAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0

ulAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0

end

>>> [Proxy ID = 2940] MO name

:ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1

RL10645_UMSKGE> set Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1 auPortRef

Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=1

200606-13:41:03 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====

Id	MO	auPortRef
Result		

=====

2940	AntennaUnitGroup=2_DB_B1B3,RfBranch=1	--> 2935
------	---------------------------------------	----------

>>> Set.

=====

Total: 1 MOs attempted, 1 MOs set

RL10645_UMSKGE> set Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1 rfPortRef

Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3,DeviceGroup=ru,RfPort=A

200606-13:41:03 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Last MO: 2955. Loaded 15 MOs. Total: 2941 MOs. MO Class: RfPort.

=====

Id	MO	rfPortRef
Result		

=====

2940	AntennaUnitGroup=2_DB_B1B3,RfBranch=1	--> 0
------	---------------------------------------	-------

!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "\$moTypeName" = "Parameter rfPortRef is of
wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "\$attrName" = "rfPortRef"

=====

Total: 1 MOs attempted, 0 MOs set

RL10645_UMSKGE>

RL10645_UMSKGE> crn Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2

200606-13:41:03 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

dlAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0

ulAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0

end

```
>>> [Proxy ID = 2956] MO name
:ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2
```

```
RL10645_UMSKGE> set Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2 auPortRef
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=2
```

```
200606-13:41:03 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
```

```
=====
=====
      Id  MO                                     auPortRef
Result
=====
```

```
=====
2956 AntennaUnitGroup=2_DB_B1B3,RfBranch=2          --> 2936
>>> Set.
```

```
=====
Total: 1 MOs attempted, 1 MOs set
```

```
RL10645_UMSKGE> set Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2 rfPortRef
Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3,DeviceGroup=ru,RfPort=B
```

```
200606-13:41:03 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
Last MO: 2971. Loaded 15 MOs. Total: 2942 MOs. MO Class: RfPort.
```

```
=====
=====
      Id  MO                                     rfPortRef
Result
=====
```

```
=====
2956 AntennaUnitGroup=2_DB_B1B3,RfBranch=2          --> 0
!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "$moTypeName" = "Parameter rfPortRef is of
wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "$attrName" = "rfPortRef"
=====
```

```
=====
Total: 1 MOs attempted, 0 MOs set
```

```
RL10645_UMSKGE>
```

```
RL10645_UMSKGE> ##SectorEquipmentFunction##
```

```
RL10645_UMSKGE> cr NodeSupport=1,SectorEquipmentFunction=1_DB_B1B3
```

```
200606-13:41:04 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
```

```
ERROR: Parent MO not found: NodeSupport=1
```

```
RL10645_UMSKGE> set SectorEquipmentFunction=1_DB_B1B3 rfBranchRef
Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1
Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2
```

```
200606-13:41:04 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
```

```
=====
```

```

=====
      Id  MO                                     rfbranchref
Result
=====
=====
=====
Total: 0 MOs attempted, 0 MOs set

RL10645_UMSKGE> set Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3 isSharedWithExternalMe
true

200606-13:41:04 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====
=====
      Id  MO
issharedwithexternalme  Result
=====
=====
=====
Total: 0 MOs attempted, 0 MOs set

RL10645_UMSKGE>

RL10645_UMSKGE> ##SectorCarrier##

RL10645_UMSKGE> crn ENodeBFunction=1,SectorCarrier=S2_B1

200606-13:41:04 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
sectorFunctionRef NodeSupport=1,SectorEquipmentFunction=S1_DB_B1B3
Last MO: 2974. Loaded 3 MOs. Total: 2942 MOs. MO Class:
SectorEquipmentFunction.
end

!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "$moTypeName" = "Parameter sectorFunctionRef
is of wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "$attrName" =
"sectorFunctionRef"

RL10645_UMSKGE> set ENodeBFunction=1,SectorCarrier=S2_B1 configuredMaxTxPower 40000

200606-13:41:05 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====
=====
      Id  MO
configuredmaxtxpower  Result
=====
=====
=====
Total: 0 MOs attempted, 0 MOs set

RL10645_UMSKGE>

RL10645_UMSKGE> ##EUTranCellFDD##

```

RL10645_UMSKGE> crn ENodeBFunction=1,EUtranCellFDD=RL10645_3_2

200606-13:41:05 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
acBarringForCsfb acBarringFactor=95,acBarringForSpecialAC=false false false false
false,acBarringTime=64
acBarringForMoData acBarringFactor=95,acBarringForSpecialAC=false false false false
false,acBarringTime=64
acBarringForMoSignalling acBarringFactor=95,acBarringForSpecialAC=false false false
false false,acBarringTime=64
acBarringPresence
acBarringForCsfbPresence=0,acBarringForMmtelVideoPresence=0,acBarringForMmtelVoiceP
resence=0,acBarringForMoDataPresence=0,acBarringForMoSignPresence=0,acBarringPriori
tyCsfb=0,acBarringPriorityMmtelVideo=0,acBarringPriorityMmtelVoice=0,acBarringPrior
ityMoData=0,acBarringPriorityMoSignaling=0
changeNotification
changeNotificationSIB1=false,changeNotificationSIB13=false,changeNotificationSIB15=
false,changeNotificationSIB16=false,changeNotificationSIB2=false,changeNotification
SIB3=false,changeNotificationSIB4=false,changeNotificationSIB5=false,changeNotifica
tionSIB6=false,changeNotificationSIB7=false,changeNotificationSIB8=false
eutranCellCoverage posCellBearing=40,posCellOpeningAngle=1200,posCellRadius=15000
frameStartOffset subFrameOffset=0
mappingInfo
mappingInfoSIB10=1,mappingInfoSIB11=0,mappingInfoSIB12=0,mappingInfoSIB13=0,mapping
InfoSIB15=0,mappingInfoSIB16=0,mappingInfoSIB3=1,mappingInfoSIB4=3,mappingInfoSIB5=
3,mappingInfoSIB6=4,mappingInfoSIB7=4,mappingInfoSIB8=0
siPeriodicity
siPeriodicitySI1=8,siPeriodicitySI10=64,siPeriodicitySI2=64,siPeriodicitySI3=64,siP
eriodicitySI4=64,siPeriodicitySI5=64,siPeriodicitySI6=64,siPeriodicitySI7=64,siPeri
odicitySI8=64,siPeriodicitySI9=64
ssacBarringForMMTELVideo acBarringFactor=95,acBarringForSpecialAC=false false false
false false,acBarringTime=64
ssacBarringForMMTELVoice acBarringFactor=95,acBarringForSpecialAC=false false false
false false,acBarringTime=64
systemInformationBlock3
nCellChangeHigh=16,nCellChangeMedium=16,qHyst=2,qHystSfHigh=0,qHystSfMedium=0,sIntr
aSearch=62,sIntraSearchP=62,sIntraSearchQ=0,sIntraSearchv920Active=false,sNonIntraS
earch=40,sNonIntraSearchP=0,sNonIntraSearchQ=0,sNonIntraSearchv920Active=false,tEva
luation=240,threshServingLowQ=1000,tHystNormal=240
systemInformationBlock6
tReselectionUtra=2,tReselectionUtraSfHigh=100,tReselectionUtraSfMedium=100
systemInformationBlock7
tReselectionGeran=2,tReselectionGeranSfHigh=100,tReselectionGeranSfMedium=100
systemInformationBlock8
searchWindowSizeCdma=8,tReselectionCdma1xRtt=2,tReselectionCdma1xRttSfHigh=100,tRes
electionCdma1xRttSfMedium=100,tReselectionCdmaHrpd=2,tReselectionCdmaHrpdSfHigh=100
,tReselectionCdmaHrpdSfMedium=100
administrativeState 0
altitude 20
cellId 212
dlChannelBandwidth 10000
earfcn1 349
earfcn1 18349
latitude 6046560
longitude 11612660
physicalLayerCellIdGroup 53
physicalLayerSubCellId 1
rachRootSequence 15
sectorCarrierRef ENodeBFunction=1,SectorCarrier=S2_B1

```

Last MO: 2977. Loaded 3 MOs. Total: 2942 MOs. MO Class: SectorCarrier.
tac 536
threshServingLow 0
ulChannelBandwidth 10000
userLabel RL10645_3_2
end

```

```

!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "$moTypeName" = "Parameter sectorCarrierRef is
of wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "$attrName" =
"sectorCarrierRef"

```

```

RL10645_UMSKGE> #END ENodeBFunction=1,EUtranCellFDD=RL10645_3_2
-----

```

```

RL10645_UMSKGE>

```

```

RL10645_UMSKGE> $date = `date +%y%m%d_%H%M`

```

```

$date = 200606_1341

```

```

RL10645_UMSKGE> cvms AFT_ONSITE_SCRIPT_$date

```

```

200606-13:41:06 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

```

RL10645_UMSKGE> acc configurationversion=1 create

```

```

*** 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

```

=====
=====
Proxy MO Action
Nr of Params
=====
=====
609 ConfigurationVersion=1 create
5

```

```

Parameter 1 of 5, configurationVersionName (string): AFT_ONSITE_SCRIPT_200606_1341

```

```

Parameter 2 of 5, identity (string): AFT_ONSITE_SCRIPT_200606_1341

```

```

Parameter 3 of 5, type (enumRef-ConfigurationVersionType):

```

```

Enter one of the following integers: 0:STANDARD, 1:UPGRADE, 2:MINIMAL, 3:TEST,
4:AUTOCREATE, 5:OTHER, 6:UPGRADE_TOLERATE_ERROR, 7:DOWNLOADED, 8:RESTORED,
9:STANDALONE: 5

```

```

Parameter 4 of 5, operatorName (string): User

```

```

Parameter 5 of 5, comment (string): none
>>> Return value = null

```

```

=====
=====
Total: 1 MOs attempted, 1 MOs actioned

```

```

RL10645_UMSKGE> acc configurationversion=1 setstartable

```

*** 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
=====
Proxy MO                                     Action
Nr of Params
=====
609 ConfigurationVersion=1                 setStartable
1
```

Parameter 1 of 1, configurationVersionName (string): AFT_ONSITE_SCRIPT_200606_1341
>>> Return value = null

```
=====
=====
Total: 1 MOs attempted, 1 MOs actioned
```

RL10645_UMSKGE>

RL10645_UMSKGE> gs-

Perform a get before set = disabled

RL10645_UMSKGE> confb-

RL10645_UMSKGE> cvls

200606-13:41:30 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
=====
200606-13:41          CV Name                Upgrade Package
Release
=====
```

```
=====
Startable:           AFT_ONSITE_SCRIPT_200606_1341
CXP102051/27_R69M26  19.Q2 (C19.Q3_LSV267_PA6)
Loaded:              SU_CXP102051%27_R69M26_200310_1659
CXP102051/27_R69M26  19.Q2 (C19.Q3_LSV267_PA6)
Executing:           AFT_ONSITE_SCRIPT_200606_1341
CXP102051/27_R69M26  19.Q2 (C19.Q3_LSV267_PA6)
Last created:        AFT_ONSITE_SCRIPT_200606_1341
CXP102051/27_R69M26  19.Q2 (C19.Q3_LSV267_PA6)
-----
```

```
-----
Current UpgradePkg:   UpgradePackage=CXP102051/27_R69M26
CXP102051/27_R69M26  19.Q2 (C19.Q3_LSV267_PA6)
AutoCreatedCV:       Disabled
Ongoing CV activity:  0 (IDLE)
Rollback status:      Rollback is on
Rollback init timer:  10
Rollback init counter: 5
Rollback counter:     5
Rollback list:        s[11] = POST_20Mhz_L26_config B4_20Mhz_L26
Post_upgrade_19Q2 Rb_CXP102051%27_R69M26_200310_1653 PreUpgrade_19Q2
selfconfig_autocreated1 POST_10Mhz_L26_config B4_10Mhz_L26
Rb_CXP102051%27_R69K22_200107_1620 PRE_19Q2_upgrade post_CR
=====
```

```

=====
UP name          ProductData      CVs LMs PrDate LastCV state
Release          CompatIndex
=====
CXP102051/27_R28G16 CXP102051/27_R28G16  3 291 180203 200107 IDLE,
UPGRADE_COMPLETED L17Q4.4 (C17.Q4-LSV226-EP5-1) 17.Q4_1
CXP102051/27_R69K22 CXP102051/27_R69K22  5 300 191101 200310 IDLE,
UPGRADE_COMPLETED 19.Q2 (C19.Q3_LSV267_PA5)      19.Q2_2
CXP102051/27_R69M26 CXP102051/27_R69M26 42 300 200218 200606 IDLE,
UPGRADE_COMPLETED 19.Q2 (C19.Q3_LSV267_PA6)      19.Q2_2
=====

=====
Id CV Name          Operator      Comment      Creation Date      UpgradePackage
Release Type
=====
1 post_CR          2019-11-19 09:55 CXP102051/27_R28G16
L17Q4.4 other      evenrs      none
2 PRE_19Q2_upgrade 2020-01-07 15:19 CXP102051/27_R28G16
L17Q4.4 standard esulkuh      PRE_19Q2_upgrade
3 Rb_CXP102051%27_R69K22_200107_1620 2020-01-07 16:20 CXP102051/27_R28G16
L17Q4.4 other      CPP          Rollb. CV autocreated at SU
4 B4_10Mhz_L26     2020-01-28 16:52 CXP102051/27_R69K22 19.Q2
other      emyairi      B4_10Mhz_L26
5 POST_10Mhz_L26_config 2020-01-28 16:54 CXP102051/27_R69K22 19.Q2
other      emyairi      POST_10Mhz_L26_config
6 selfconfig_autocreated1 2020-03-07 17:57 CXP102051/27_R69K22 19.Q2
standard Selfconfig Autocreated by System
7 PreUpgrade_19Q2 2020-03-10 16:18 CXP102051/27_R69K22 19.Q2
standard ehammdk      PreUpgrade_19Q2
8 Rb_CXP102051%27_R69M26_200310_1653 2020-03-10 16:53 CXP102051/27_R69K22 19.Q2
other      CPP          Rollb. CV autocreated at SU
9 SU_CXP102051%27_R69M26_200310_1659 2020-03-10 16:59 CXP102051/27_R69M26 19.Q2
upgrade CPP          Temp. CV autocreated at SU
10 Post_upgrade_19Q2 2020-03-10 19:39 CXP102051/27_R69M26 19.Q2
standard ehammdk      Post_upgrade_19Q2
11 B4_20Mhz_L26    2020-03-24 17:13 CXP102051/27_R69M26 19.Q2
other      emuzuma      B4_20Mhz_L26
12 POST_20Mhz_L26_config 2020-03-24 17:15 CXP102051/27_R69M26 19.Q2
other      emuzuma      POST_20Mhz_L26_config
13 Aft_qci6_200401_0500 2020-03-31 21:00 CXP102051/27_R69M26 19.Q2
other      cele0776     none
14 OP_CXP102051_27_R69M26_01052020143015 2020-05-01 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
15 OP_CXP102051_27_R69M26_02052020143003 2020-05-02 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
16 OP_CXP102051_27_R69M26_03052020145231 2020-05-03 06:52 CXP102051/27_R69M26 19.Q2
standard miguser      none
17 OP_CXP102051_27_R69M26_04052020143010 2020-05-04 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
18 OP_CXP102051_27_R69M26_05052020143006 2020-05-05 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
19 OP_CXP102051_27_R69M26_06052020143329 2020-05-06 06:33 CXP102051/27_R69M26 19.Q2
standard miguser      none
20 OP_CXP102051_27_R69M26_07052020143032 2020-05-07 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
21 OP_CXP102051_27_R69M26_08052020143059 2020-05-08 06:31 CXP102051/27_R69M26 19.Q2
standard miguser      none

```

22	OP_CXP102051_27_R69M26_09052020143018	2020-05-09	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
23	OP_CXP102051_27_R69M26_10052020143004	2020-05-10	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
24	OP_CXP102051_27_R69M26_11052020143044	2020-05-11	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
25	OP_CXP102051_27_R69M26_12052020143006	2020-05-12	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
26	OP_CXP102051_27_R69M26_13052020144807	2020-05-13	06:48	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
27	OP_CXP102051_27_R69M26_14052020143004	2020-05-14	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
28	OP_CXP102051_27_R69M26_15052020143050	2020-05-15	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
29	OP_CXP102051_27_R69M26_16052020143019	2020-05-16	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
30	OP_CXP102051_27_R69M26_17052020143028	2020-05-17	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
31	OP_CXP102051_27_R69M26_18052020143028	2020-05-18	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
32	OP_CXP102051_27_R69M26_19052020143009	2020-05-19	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
33	OP_CXP102051_27_R69M26_20052020143028	2020-05-20	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
34	OP_CXP102051_27_R69M26_21052020143128	2020-05-21	06:31	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
35	OP_CXP102051_27_R69M26_22052020143012	2020-05-22	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
36	OP_CXP102051_27_R69M26_23052020143018	2020-05-23	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
37	OP_CXP102051_27_R69M26_24052020143013	2020-05-24	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
38	OP_CXP102051_27_R69M26_25052020143057	2020-05-25	06:31	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
39	OP_CXP102051_27_R69M26_26052020143011	2020-05-26	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
40	OP_CXP102051_27_R69M26_27052020143009	2020-05-27	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
41	OP_CXP102051_27_R69M26_28052020143007	2020-05-28	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
42	OP_CXP102051_27_R69M26_29052020143023	2020-05-29	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
43	OP_CXP102051_27_R69M26_30052020143018	2020-05-30	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
44	OP_CXP102051_27_R69M26_31052020143034	2020-05-31	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
45	OP_CXP102051_27_R69M26_01062020143038	2020-06-01	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
46	OP_CXP102051_27_R69M26_02062020143004	2020-06-02	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
47	OP_CXP102051_27_R69M26_03062020143035	2020-06-03	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
48	OP_CXP102051_27_R69M26_04062020143020	2020-06-04	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
49	OP_CXP102051_27_R69M26_05062020143008	2020-06-05	06:30	CXP102051/27_R69M26	19.Q2
	standard miguser	none			
50	AFT_ONSITE_SCRIPT_200606_1341	2020-06-06	05:41	CXP102051/27_R69M26	19.Q2
	other User	none			

=====

=====

>>> Total: 50 CV's, 3 UP's

RL10645_UMSKGE> st rru

200606-13:41:43 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====

Proxy	Adm State	Op. State	MO
457	1 (UNLOCKED)	1 (ENABLED)	Equipment=1,AuxPlugInUnit=RRU-1
477	1 (UNLOCKED)	1 (ENABLED)	Equipment=1,AuxPlugInUnit=RRU-2
497	1 (UNLOCKED)	1 (ENABLED)	Equipment=1,AuxPlugInUnit=RRU-3

=====

Total: 3 MOs

RL10645_UMSKGE> st cell

200606-13:41:49 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====

Proxy	Adm State	Op. State	MO
1783	1 (UNLOCKED)	1 (ENABLED)	ENodeBFunction=1,EUtranCellFDD=RL10645_6_1
2033	1 (UNLOCKED)	1 (ENABLED)	ENodeBFunction=1,EUtranCellFDD=RL10645_6_2
2221	1 (UNLOCKED)	1 (ENABLED)	ENodeBFunction=1,EUtranCellFDD=RL10645_6_3

=====

Total: 3 MOs

RL10645_UMSKGE>

.Xdefaults*	.minttyrc
RW10645_UMSKGE_dcg_k.log*	moshell.tar*
.bash_history	.moshellrc*
alt	moshell18.0c.zip*
.bash_profile*	.profile*
jarxml/	moshell_install*
.bashrc*	.ssh/
lt	moshell_logfiles/
.inputrc*	
RL10645_ADDSECTOR_DUS_RADIO4443_L21_S2.mos*	moshell/

RL10645_UMSKGE> run RL10645_ADDSECTOR_DUS_RADIO4443_L21_S2.mos

RL10645_UMSKGE> confb+

RL10645_UMSKGE> gs+

Perform a get before set = enabled

RL10645_UMSKGE>

RL10645_UMSKGE> lt all

200606-13:43:11 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Connected to 169.254.1.10

(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)

Last MO: 2942. Loaded 2942 MOs. Total: 2943 MOs.

RL10645_UMSKGE>

RL10645_UMSKGE> ##CREATE RADIO##

```

RL10645_UMSKGE> crn Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3

200606-13:43:11 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
piuType PiuType=KRC161753/1_*

###RILINK###
crn Equipment=1,RiLink=1_DB_B1B3
riPortRef1 Subrack=1,Slot=1,PlugInUnit=1,RiPort=D
riPortRef2 Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3,RiPort=DATA_2
end

ERROR: incorrect attributes: crn,riPortRef1,riPortRef2

RL10645_UMSKGE>

RL10645_UMSKGE> #####

RL10645_UMSKGE> # CREATE AntennaUnitGroup=2_DB_B1B3

RL10645_UMSKGE> #####

RL10645_UMSKGE> cr Equipment=1,AntennaUnitGroup=2_DB_B1B3

200606-13:43:11 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists: ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3

RL10645_UMSKGE> cr Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1

200606-13:43:12 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:
ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1

200606-13:43:12 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:
ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=1

200606-13:43:12 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:
ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=1

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=2

200606-13:43:12 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:
ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1

```

t=1,AuPort=2

RL10645_UMSKGE> cr

Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2

200606-13:43:12 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:

ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2

RL10645_UMSKGE> cr

Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2,AuPort=1

200606-13:43:12 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:

ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2,AuPort=1

RL10645_UMSKGE> cr

Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2,AuPort=2

200606-13:43:12 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:

ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2,AuPort=2

RL10645_UMSKGE>

RL10645_UMSKGE> ##RFBANCH##

RL10645_UMSKGE> crn Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1

200606-13:43:12 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

dlAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0

ulAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0

end

ERROR: MO already exists:

ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1

RL10645_UMSKGE> set Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1 auPortRef

Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=1

200606-13:43:13 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
=====
      Id  MO                                     auPortRef
Result
=====
```

```
616  AntennaUnitGroup=2_DB_B1B3,RfBranch=1
```

```
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=1 -->
```

```
611  -No Change-
```

```
=====
=====
```

Total: 1 MOs attempted, 1 MOs set

RL10645_UMSKGE> set Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1 rfPortRef
Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3,DeviceGroup=ru,RfPort=A

200606-13:43:13 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
Last MO: 2957. Loaded 15 MOs. Total: 2943 MOs. MO Class: RfPort.

```
=====
=====
      Id  MO                                     rfPortRef
Result
=====
=====
      616  AntennaUnitGroup=2_DB_B1B3,RfBranch=1          --> 0
!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "$moTypeName" = "Parameter rfPortRef is of
wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "$attrName" = "rfPortRef"
=====
=====
Total: 1 MOs attempted, 0 MOs set
```

RL10645_UMSKGE>

RL10645_UMSKGE> crn Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2

200606-13:43:13 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
dlAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
ulAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
end

ERROR: MO already exists:
ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2

RL10645_UMSKGE> set Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2 auPortRef
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=2

200606-13:43:13 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
=====
      Id  MO                                     auPortRef
Result
=====
=====
      617  AntennaUnitGroup=2_DB_B1B3,RfBranch=2
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=2 -->
612  -No Change-
=====
=====
Total: 1 MOs attempted, 1 MOs set
```

RL10645_UMSKGE> set Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2 rfPortRef
Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3,DeviceGroup=ru,RfPort=B

200606-13:43:13 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
Last MO: 2972. Loaded 15 MOs. Total: 2943 MOs. MO Class: RfPort.

```

=====
=====
      Id  MO                                     rfPortRef
Result
=====
617  AntennaUnitGroup=2_DB_B1B3,RfBranch=2          --> 0
!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "$moTypeName" = "Parameter rfPortRef is of
wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "$attrName" = "rfPortRef"
=====
Total: 1 MOs attempted, 0 MOs set

RL10645_UMSKGE>

RL10645_UMSKGE> ##SectorEquipmentFunction##

RL10645_UMSKGE> cr NodeSupport=1,SectorEquipmentFunction=1_DB_B1B3

200606-13:43:14 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: Parent MO not found: NodeSupport=1

RL10645_UMSKGE> set SectorEquipmentFunction=1_DB_B1B3 rfBranchRef
Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1
Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2

200606-13:43:14 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====
=====
      Id  MO                                     rfbranchref
Result
=====
=====
Total: 0 MOs attempted, 0 MOs set

RL10645_UMSKGE> set Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3 isSharedWithExternalMe
true

200606-13:43:14 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====
=====
      Id  MO
issharedwithexternalme  Result
=====
=====
Total: 0 MOs attempted, 0 MOs set

RL10645_UMSKGE>

RL10645_UMSKGE> ##SectorCarrier##

```

RL10645_UMSKGE> crn ENodeBFunction=1,SectorCarrier=S2_B1

200606-13:43:14 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
sectorFunctionRef NodeSupport=1,SectorEquipmentFunction=S1_DB_B1B3
Last MO: 2975. Loaded 3 MOs. Total: 2943 MOs. MO Class:
SectorEquipmentFunction.
end

!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "\$moTypeName" = "Parameter sectorFunctionRef
is of wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "\$attrName" =
"sectorFunctionRef"

RL10645_UMSKGE> set ENodeBFunction=1,SectorCarrier=S2_B1 configuredMaxTxPower 40000

200606-13:43:15 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
=====
Id MO
configuredmaxtxpower Result
=====
=====
=====
Total: 0 MOs attempted, 0 MOs set
```

RL10645_UMSKGE>

RL10645_UMSKGE> ##EUTranCellFDD##

RL10645_UMSKGE> crn ENodeBFunction=1,EUTranCellFDD=RL10645_3_2

200606-13:43:15 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
acBarringForCsfb acBarringFactor=95,acBarringForSpecialAC=false false false false
false,acBarringTime=64
acBarringForMoData acBarringFactor=95,acBarringForSpecialAC=false false false false
false,acBarringTime=64
acBarringForMoSignalling acBarringFactor=95,acBarringForSpecialAC=false false false
false false,acBarringTime=64
acBarringPresence
acBarringForCsfbPresence=0,acBarringForMmtelVideoPresence=0,acBarringForMmtelVoiceP
resence=0,acBarringForMoDataPresence=0,acBarringForMoSignPresence=0,acBarringPriori
tyCsfb=0,acBarringPriorityMmtelVideo=0,acBarringPriorityMmtelVoice=0,acBarringPrior
ityMoData=0,acBarringPriorityMoSignaling=0
changeNotification
changeNotificationSIB1=false,changeNotificationSIB13=false,changeNotificationSIB15=
false,changeNotificationSIB16=false,changeNotificationSIB2=false,changeNotification
SIB3=false,changeNotificationSIB4=false,changeNotificationSIB5=false,changeNotifica
tionSIB6=false,changeNotificationSIB7=false,changeNotificationSIB8=false
eutranCellCoverage posCellBearing=40,posCellOpeningAngle=1200,posCellRadius=15000
frameStartOffset subFrameOffset=0
mappingInfo
mappingInfoSIB10=1,mappingInfoSIB11=0,mappingInfoSIB12=0,mappingInfoSIB13=0,mapping
InfoSIB15=0,mappingInfoSIB16=0,mappingInfoSIB3=1,mappingInfoSIB4=3,mappingInfoSIB5=
3,mappingInfoSIB6=4,mappingInfoSIB7=4,mappingInfoSIB8=0
siPeriodicity

```

siPeriodicitySI1=8, siPeriodicitySI10=64, siPeriodicitySI2=64, siPeriodicitySI3=64, siP
eriodicitySI4=64, siPeriodicitySI5=64, siPeriodicitySI6=64, siPeriodicitySI7=64, siPeri
odicitySI8=64, siPeriodicitySI9=64
ssacBarringForMMTELVideo acBarringFactor=95, acBarringForSpecialAC=false false false
false false, acBarringTime=64
ssacBarringForMMTELVoice acBarringFactor=95, acBarringForSpecialAC=false false false
false false, acBarringTime=64
systemInformationBlock3
nCellChangeHigh=16, nCellChangeMedium=16, qHyst=2, qHystSfHigh=0, qHystSfMedium=0, sIntr
aSearch=62, sIntraSearchP=62, sIntraSearchQ=0, sIntraSearchv920Active=false, sNonIntraS
earch=40, sNonIntraSearchP=0, sNonIntraSearchQ=0, sNonIntraSearchv920Active=false, tEva
luation=240, threshServingLowQ=1000, tHystNormal=240
systemInformationBlock6
tReselectionUtra=2, tReselectionUtraSfHigh=100, tReselectionUtraSfMedium=100
systemInformationBlock7
tReselectionGeran=2, tReselectionGeranSfHigh=100, tReselectionGeranSfMedium=100
systemInformationBlock8
searchWindowSizeCdma=8, tReselectionCdma1xRtt=2, tReselectionCdma1xRttSfHigh=100, tRes
electionCdma1xRttSfMedium=100, tReselectionCdmaHrpd=2, tReselectionCdmaHrpdSfHigh=100
, tReselectionCdmaHrpdSfMedium=100
administrativeState 0
altitude 20
cellId 212
dlChannelBandwidth 10000
earfcndl 349
earfcnul 18349
latitude 6046560
longitude 11612660
physicalLayerCellIdGroup 53
physicalLayerSubCellId 1
rachRootSequence 15
sectorCarrierRef ENodeBFunction=1, SectorCarrier=S2_B1
Last MO: 2978. Loaded 3 MOs. Total: 2943 MOs. MO Class: SectorCarrier.
tac 536
threshServingLow 0
ulChannelBandwidth 10000
userLabel RL10645_3_2
end

```

```

!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "$moTypeName" = "Parameter sectorCarrierRef is
of wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "$attrName" =
"sectorCarrierRef"

```

```

RL10645_UMSKGE> #END ENodeBFunction=1, EUTranCellFDD=RL10645_3_2
-----

```

```

RL10645_UMSKGE>

```

```

RL10645_UMSKGE> $date = `date +%y%m%d_%H%M`

```

```

$date = 200606_1343

```

```

RL10645_UMSKGE> cvms AFT_ONSITE_SCRIPT_$date

```

```

200606-13:43:16 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

```

RL10645_UMSKGE> acc configurationversion=1 create

```

*** 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
=====
Proxy MO                                     Action
Nr of Params
=====
=====
619 ConfigurationVersion=1                 create
5
```

Parameter 1 of 5, configurationVersionName (string): AFT_ONSITE_SCRIPT_200606_1343

Parameter 2 of 5, identity (string): AFT_ONSITE_SCRIPT_200606_1343

Parameter 3 of 5, type (enumRef-ConfigurationVersionType):

Enter one of the following integers: 0:STANDARD, 1:UPGRADE, 2:MINIMAL, 3:TEST, 4:AUTOCREATE, 5:OTHER, 6:UPGRADE_TOLERATE_ERROR, 7:DOWNLOADED, 8:RESTORED, 9:STANDALONE: 5

Parameter 4 of 5, operatorName (string): User

Parameter 5 of 5, comment (string): none

!!!! Processing failure

:se.ericsson.cello.configurationversion.create.CV_CreatorException

TAG : "se.ericsson.cello.configurationversion.main.exception.CV_MaxNumberOfInstancesExistsException TAG : "CV_MaxNumberOfInstancesExists" VARIABLES : "\$MO typename" = "ConfigurationVersion", "\$result" = "CELLO_CV_MAX_NUMBER_OF_INSTANCES_EXISTS" VARIABLES :

```
=====
=====
Total: 1 MOs attempted, 0 MOs actioned
```

RL10645_UMSKGE>

RL10645_UMSKGE> gs-

Perform a get before set = disabled

RL10645_UMSKGE> confb-

RL10645_UMSKGE> lt all

200606-13:43:25 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Connected to 169.254.1.10

(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)

Last MO: 2942. Loaded 2942 MOs. Total: 2943 MOs.

RL10645_UMSKGE> lt all

200606-13:43:30 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Connected to 169.254.1.10

(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)

Last MO: 2942. Loaded 2942 MOs. Total: 2943 MOs.

RL10645_UMSKGE> cvls

200606-13:43:33 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
=====
200606-13:43          CV Name          Upgrade Package
Release
```

```
=====
Startable:          AFT_ONSITE_SCRIPT_200606_1341
CXP102051/27_R69M26 19.Q2 (C19.Q3_LSV267_PA6)
Loaded:             SU_CXP102051%27_R69M26_200310_1659
CXP102051/27_R69M26 19.Q2 (C19.Q3_LSV267_PA6)
Executing:          AFT_ONSITE_SCRIPT_200606_1341
CXP102051/27_R69M26 19.Q2 (C19.Q3_LSV267_PA6)
Last created:       AFT_ONSITE_SCRIPT_200606_1341
CXP102051/27_R69M26 19.Q2 (C19.Q3_LSV267_PA6)
-----
```

```
-----
Current UpgradePkg: UpgradePackage=CXP102051/27_R69M26
CXP102051/27_R69M26 19.Q2 (C19.Q3_LSV267_PA6)
AutoCreatedCV:      Disabled
Ongoing CV activity: 0 (IDLE)
Rollback status:    Rollback is on
Rollback init timer: 10
Rollback init counter: 5
Rollback counter:   5
Rollback list:      s[11] = POST_20Mhz_L26_config B4_20Mhz_L26
Post_upgrade_19Q2 Rb_CXP102051%27_R69M26_200310_1653 PreUpgrade_19Q2
selfconfig_autocreated1 POST_10Mhz_L26_config B4_10Mhz_L26
Rb_CXP102051%27_R69K22_200107_1620 PRE_19Q2_upgrade post_CR
=====
```

```
=====
UP name      ProductData      CVs LMs PrDate LastCV state
Release      CompatIndex
```

```
=====
CXP102051/27_R28G16 CXP102051/27_R28G16 3 291 180203 200107 IDLE,
UPGRADE_COMPLETED L17Q4.4 (C17.Q4-LSV226-EP5-1) 17.Q4_1
CXP102051/27_R69K22 CXP102051/27_R69K22 5 300 191101 200310 IDLE,
UPGRADE_COMPLETED 19.Q2 (C19.Q3_LSV267_PA5) 19.Q2_2
CXP102051/27_R69M26 CXP102051/27_R69M26 42 300 200218 200606 IDLE,
UPGRADE_COMPLETED 19.Q2 (C19.Q3_LSV267_PA6) 19.Q2_2
=====
```

```
=====
Id CV Name      Creation Date  UpgradePackage
Release Type    Operator      Comment
=====
1 post_CR      2019-11-19 09:55 CXP102051/27_R28G16
L17Q4.4 other   evenrs        none
2 PRE_19Q2_upgrade 2020-01-07 15:19 CXP102051/27_R28G16
L17Q4.4 standard esulkuh    PRE_19Q2_upgrade
3 Rb_CXP102051%27_R69K22_200107_1620 2020-01-07 16:20 CXP102051/27_R28G16
L17Q4.4 other   CPP          Rollb. CV autocreated at SU
4 B4_10Mhz_L26 2020-01-28 16:52 CXP102051/27_R69K22 19.Q2
other emyairi    B4_10Mhz_L26
5 POST_10Mhz_L26_config 2020-01-28 16:54 CXP102051/27_R69K22 19.Q2
other emyairi    POST_10Mhz_L26_config
6 selfconfig_autocreated1 2020-03-07 17:57 CXP102051/27_R69K22 19.Q2
```

standard Selfconfig	Autocreated by System					
7 PreUpgrade_19Q2		2020-03-10	16:18	CXP102051/27_R69K22	19.Q2	
standard ehammdk	PreUpgrade_19Q2					
8 Rb_CXP102051%27_R69M26_200310_1653		2020-03-10	16:53	CXP102051/27_R69K22	19.Q2	
other CPP	Rollb. CV autocreated at SU					
9 SU_CXP102051%27_R69M26_200310_1659		2020-03-10	16:59	CXP102051/27_R69M26	19.Q2	
upgrade CPP	Temp. CV autocreated at SU					
10 Post_upgrade_19Q2		2020-03-10	19:39	CXP102051/27_R69M26	19.Q2	
standard ehammdk	Post_upgrade_19Q2					
11 B4_20Mhz_L26		2020-03-24	17:13	CXP102051/27_R69M26	19.Q2	
other emuzuma	B4_20Mhz_L26					
12 POST_20Mhz_L26_config		2020-03-24	17:15	CXP102051/27_R69M26	19.Q2	
other emuzuma	POST_20Mhz_L26_config					
13 Aft_qci6_200401_0500		2020-03-31	21:00	CXP102051/27_R69M26	19.Q2	
other cele0776	none					
14 OP_CXP102051_27_R69M26_01052020143015		2020-05-01	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
15 OP_CXP102051_27_R69M26_02052020143003		2020-05-02	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
16 OP_CXP102051_27_R69M26_03052020145231		2020-05-03	06:52	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
17 OP_CXP102051_27_R69M26_04052020143010		2020-05-04	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
18 OP_CXP102051_27_R69M26_05052020143006		2020-05-05	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
19 OP_CXP102051_27_R69M26_06052020143329		2020-05-06	06:33	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
20 OP_CXP102051_27_R69M26_07052020143032		2020-05-07	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
21 OP_CXP102051_27_R69M26_08052020143059		2020-05-08	06:31	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
22 OP_CXP102051_27_R69M26_09052020143018		2020-05-09	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
23 OP_CXP102051_27_R69M26_10052020143004		2020-05-10	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
24 OP_CXP102051_27_R69M26_11052020143044		2020-05-11	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
25 OP_CXP102051_27_R69M26_12052020143006		2020-05-12	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
26 OP_CXP102051_27_R69M26_13052020144807		2020-05-13	06:48	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
27 OP_CXP102051_27_R69M26_14052020143004		2020-05-14	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
28 OP_CXP102051_27_R69M26_15052020143050		2020-05-15	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
29 OP_CXP102051_27_R69M26_16052020143019		2020-05-16	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
30 OP_CXP102051_27_R69M26_17052020143028		2020-05-17	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
31 OP_CXP102051_27_R69M26_18052020143028		2020-05-18	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
32 OP_CXP102051_27_R69M26_19052020143009		2020-05-19	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
33 OP_CXP102051_27_R69M26_20052020143028		2020-05-20	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
34 OP_CXP102051_27_R69M26_21052020143128		2020-05-21	06:31	CXP102051/27_R69M26	19.Q2	
standard miguser	none					
35 OP_CXP102051_27_R69M26_22052020143012		2020-05-22	06:30	CXP102051/27_R69M26	19.Q2	
standard miguser	none					

```

36 OP_CXP102051_27_R69M26_23052020143018 2020-05-23 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
37 OP_CXP102051_27_R69M26_24052020143013 2020-05-24 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
38 OP_CXP102051_27_R69M26_25052020143057 2020-05-25 06:31 CXP102051/27_R69M26 19.Q2
standard miguser none
39 OP_CXP102051_27_R69M26_26052020143011 2020-05-26 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
40 OP_CXP102051_27_R69M26_27052020143009 2020-05-27 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
41 OP_CXP102051_27_R69M26_28052020143007 2020-05-28 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
42 OP_CXP102051_27_R69M26_29052020143023 2020-05-29 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
43 OP_CXP102051_27_R69M26_30052020143018 2020-05-30 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
44 OP_CXP102051_27_R69M26_31052020143034 2020-05-31 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
45 OP_CXP102051_27_R69M26_01062020143038 2020-06-01 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
46 OP_CXP102051_27_R69M26_02062020143004 2020-06-02 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
47 OP_CXP102051_27_R69M26_03062020143035 2020-06-03 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
48 OP_CXP102051_27_R69M26_04062020143020 2020-06-04 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
49 OP_CXP102051_27_R69M26_05062020143008 2020-06-05 06:30 CXP102051/27_R69M26 19.Q2
standard miguser none
50 AFT_ONSITE_SCRIPT_200606_1341 2020-06-06 05:41 CXP102051/27_R69M26 19.Q2
other User none

```

```

>>> Total: 50 CV's, 3 UP's

```

```

RL10645_UMSKGE> alt

```

```

200606-13:43:41 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

```

Connecting to 10.157.105.197:56834 (CorbaSecurity=OFF, corba_class=2,
java=1.7.0_10, jacoms=R93D03, jacorb=R89C01)
Trying file=C:/cygwin/home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-
133920_2384/ior2384

```

```

Resolving the alarm service in OMS...

```

```

Simple Alarm Client initialized...

```

```

Starting to retrieve active alarms

```

```

Nr of active alarms are: 8

```

```

=====
Date & Time (Local) S Specific Problem MO (Cause/AdditionalInfo)
=====

```

```

2020-03-11 01:38:30 m External Link Failure ENodeBFunction=1 (X2 link
problem to one or several neighbouring eNodeBs. PLMN ID-eNB ID 1 : 50219-520162
PLMN ID-eNB ID 2 : 50219-510937 PLMN ID-eNB ID 3 : 50219-510643 PLMN ID-eNB ID
4 : 50219-516219 PLMN ID-eNB ID 5 : 50219-520013 PLMN ID-eNB ID 6 : 50219-510628
PLMN ID-eNB ID 7 : 50219-510387 PLMN ID-eNB ID 8 : 50219-510644 PLMN ID-eNB ID
9 : 50219-510062 PLMN ID-eNB ID : list truncated)
2020-03-25 01:14:45 m Resource Allocation Failure Service Degraded SectorCarrier=3
(Insufficient RF power Hardware Activation Codes)

```

```

2020-03-25 01:14:51 m Service Degraded                               EUTRANCellFDD=RL10645_6_3
(performance_degraded)
2020-06-05 16:08:37 m No Connection
AntennaUnitGroup=2,AntennaNearUnit=2 (Contact lost with resource object)
2020-06-05 16:08:37 m No Connection
AntennaUnitGroup=2,AntennaNearUnit=1 (Contact lost with resource object)
2020-06-05 16:08:41 m Resource Allocation Failure Service Degraded SectorCarrier=2
(Insufficient RF power Hardware Activation Codes)
2020-06-05 16:08:45 m Service Degraded                               EUTRANCellFDD=RL10645_6_2
(performance_degraded)
2020-06-06 11:01:26 C External Alarm                               HwUnit=SUP-1,AlarmPort=3
(INTRUDER ALARM LTE)
>>> Total: 8 Alarms (1 Critical, 0 Major)

```

```
RL10645_UMSKGE> st rru
```

```

200606-13:43:54 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
=====
Proxy  Adm State      Op. State      MO
=====
  457  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-1
  477  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-2
  497  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-3
=====
Total: 3 MOs

```

```
RL10645_UMSKGE> st cell
```

```

200606-13:43:59 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
=====
Proxy  Adm State      Op. State      MO
=====
  1793  1 (UNLOCKED)    1 (ENABLED)    ENodeBFunction=1,EUTRANCellFDD=RL10645_6_1
  2044  1 (UNLOCKED)    1 (ENABLED)    ENodeBFunction=1,EUTRANCellFDD=RL10645_6_2
  2232  1 (UNLOCKED)    1 (ENABLED)    ENodeBFunction=1,EUTRANCellFDD=RL10645_6_3
=====
Total: 3 MOs

```

```
RL10645_UMSKGE> lt all
```

```

200606-13:45:04 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
Connected to 169.254.1.10
(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)
Last MO: 2942. Loaded 2942 MOs. Total: 2943 MOs.

```

```
RL10645_UMSKGE> st ru
```

```

200606-13:45:09 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
=====
Proxy  Adm State      Op. State      MO
=====
  402                                1 (ENABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,GeneralProcessorUnit=1
  457  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-1
  458                                1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-1,DeviceGroup=ru
  477  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-2
  478                                1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-2,DeviceGroup=ru
  497  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-3
  501                                1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-3,DeviceGroup=ru

```

```

544 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AntennaUnitGroup=1,AntennaNearUnit=1
546 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AntennaUnitGroup=1,AntennaNearUnit=2
551 1 (UNLOCKED) 0 (DISABLED) Equipment=1,AntennaUnitGroup=2,AntennaNearUnit=1
553 1 (UNLOCKED) 0 (DISABLED) Equipment=1,AntennaUnitGroup=2,AntennaNearUnit=2
574 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AntennaUnitGroup=3,AntennaNearUnit=1
576 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AntennaUnitGroup=3,AntennaNearUnit=2
=====

```

Total: 13 MOs

RL10645_UMSKGE> st field

200606-13:45:21 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

=====
Proxy  Adm State      Op. State      MO
=====

```

Total: 0 MOs

RL10645_UMSKGE> st riport

200606-13:45:26 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

=====
Proxy  Adm State      Op. State      MO
=====

```

```

349 1 (UNLOCKED) 1 (ENABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=A
350 1 (UNLOCKED) 1 (ENABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=B
351 1 (UNLOCKED) 1 (ENABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=C
352 1 (UNLOCKED) 0 (DISABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=D
353 1 (UNLOCKED) 0 (DISABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=E
354 1 (UNLOCKED) 0 (DISABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=F
474 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-1,RiPort=DATA_1
475 1 (UNLOCKED) 0 (DISABLED) Equipment=1,AuxPlugInUnit=RRU-1,RiPort=DATA_2
494 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-2,RiPort=DATA_1
495 1 (UNLOCKED) 0 (DISABLED) Equipment=1,AuxPlugInUnit=RRU-2,RiPort=DATA_2
498 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-3,RiPort=DATA_1
499 1 (UNLOCKED) 0 (DISABLED) Equipment=1,AuxPlugInUnit=RRU-3,RiPort=DATA_2
=====

```

Total: 12 MOs

RL10645_UMSKGE> st rilink

200606-13:45:33 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

=====
Proxy  Adm State      Op. State      MO
=====

```

```

580      1 (ENABLED) Equipment=1,RiLink=1
581      1 (ENABLED) Equipment=1,RiLink=2
582      1 (ENABLED) Equipment=1,RiLink=3
=====

```

Total: 3 MOs

RL10645_UMSKGE> st rru

200606-13:45:39 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
Proxy  Adm State      Op. State      MO
=====
  457  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-1
  477  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-2
  497  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-3
=====
```

Total: 3 MOs

RL10645_UMSKGE> st cell

200606-13:45:42 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
Proxy  Adm State      Op. State      MO
=====
  1793  1 (UNLOCKED)    1 (ENABLED)    ENodeBFunction=1,EUtranCellFDD=RL10645_6_1
  2044  1 (UNLOCKED)    1 (ENABLED)    ENodeBFunction=1,EUtranCellFDD=RL10645_6_2
  2232  1 (UNLOCKED)    1 (ENABLED)    ENodeBFunction=1,EUtranCellFDD=RL10645_6_3
=====
```

Total: 3 MOs

RL10645_UMSKGE> alt

200606-13:46:36 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Connecting to 10.157.105.197:56834 (CorbaSecurity=OFF, corba_class=2,
java=1.7.0_10, jacoms=R93D03, jacorb=R89C01)
Trying file=C:/cygwin/home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-
133920_2384/ior2384
Resolving the alarm service in OMS...
Simple Alarm Client initialized...
Starting to retrieve active alarms
Nr of active alarms are: 8

```
=====
Date & Time (Local) S Specific Problem                                MO (Cause/AdditionalInfo)
=====
2020-03-11 01:38:30 m External Link Failure                        ENodeBFunction=1 (X2 link
problem to one or several neighbouring eNodeBs. PLMN ID-eNB ID 1 : 50219-520162
PLMN ID-eNB ID 2 : 50219-510937 PLMN ID-eNB ID 3 : 50219-510643 PLMN ID-eNB ID
4 : 50219-516219 PLMN ID-eNB ID 5 : 50219-520013 PLMN ID-eNB ID 6 : 50219-510628
PLMN ID-eNB ID 7 : 50219-510387 PLMN ID-eNB ID 8 : 50219-510644 PLMN ID-eNB ID
9 : 50219-510062 PLMN ID-eNB ID : list truncated)
2020-03-25 01:14:45 m Resource Allocation Failure Service Degraded SectorCarrier=3
(Insufficient RF power Hardware Activation Codes)
2020-03-25 01:14:51 m Service Degraded                            EUtranCellFDD=RL10645_6_3
(performance_degraded)
2020-06-05 16:08:37 m No Connection
AntennaUnitGroup=2,AntennaNearUnit=2 (Contact lost with resource object)
2020-06-05 16:08:37 m No Connection
AntennaUnitGroup=2,AntennaNearUnit=1 (Contact lost with resource object)
2020-06-05 16:08:41 m Resource Allocation Failure Service Degraded SectorCarrier=2
(Insufficient RF power Hardware Activation Codes)
2020-06-05 16:08:45 m Service Degraded                            EUtranCellFDD=RL10645_6_2
(performance_degraded)
2020-06-06 11:01:26 C External Alarm                              HwUnit=SUP-1,AlarmPort=3
(INTRUDER ALARM LTE)
```

>>> Total: 8 Alarms (1 Critical, 0 Major)

RL10645_UMSKGE> st cell

200606-13:46:49 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Proxy	Adm State	Op. State	MO
1793	1 (UNLOCKED)	1 (ENABLED)	ENodeBFunction=1,EUtranCellFDD=RL10645_6_1
2044	1 (UNLOCKED)	1 (ENABLED)	ENodeBFunction=1,EUtranCellFDD=RL10645_6_2
2232	1 (UNLOCKED)	1 (ENABLED)	ENodeBFunction=1,EUtranCellFDD=RL10645_6_3

Total: 3 MOs

RL10645_UMSKGE> lt all

200606-13:46:55 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
Connected to 169.254.1.10
(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)
Last MO: 2942. Loaded 2942 MOs. Total: 2943 MOs.

RL10645_UMSKGE> cvls

200606-13:48:15 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

200606-13:48 Release	CV Name	Upgrade Package
-------------------------	---------	-----------------

Startable:	AFT_ONSITE_SCRIPT_200606_1341
CXP102051/27_R69M26	19.Q2 (C19.Q3_LSV267_PA6)
Loaded:	SU_CXP102051%27_R69M26_200310_1659
CXP102051/27_R69M26	19.Q2 (C19.Q3_LSV267_PA6)
Executing:	AFT_ONSITE_SCRIPT_200606_1341
CXP102051/27_R69M26	19.Q2 (C19.Q3_LSV267_PA6)
Last created:	AFT_ONSITE_SCRIPT_200606_1341
CXP102051/27_R69M26	19.Q2 (C19.Q3_LSV267_PA6)

Current UpgradePkg: UpgradePackage=CXP102051/27_R69M26
CXP102051/27_R69M26 19.Q2 (C19.Q3_LSV267_PA6)
AutoCreatedCV: Disabled
Ongoing CV activity: 0 (IDLE)
Rollback status: Rollback is on
Rollback init timer: 10
Rollback init counter: 5
Rollback counter: 5
Rollback list: s[11] = POST_20Mhz_L26_config B4_20Mhz_L26
Post_upgrade_19Q2 Rb_CXP102051%27_R69M26_200310_1653 PreUpgrade_19Q2
selfconfig_autocreated1 POST_10Mhz_L26_config B4_10Mhz_L26
Rb_CXP102051%27_R69K22_200107_1620 PRE_19Q2_upgrade post_CR

UP name	ProductData	CVs LMs PrDate	LastCV state
Release	CompatIndex		

```

CXP102051/27_R28G16 CXP102051/27_R28G16 3 291 180203 200107 IDLE,
UPGRADE_COMPLETED L17Q4.4 (C17.Q4-LSV226-EP5-1) 17.Q4_1
CXP102051/27_R69K22 CXP102051/27_R69K22 5 300 191101 200310 IDLE,
UPGRADE_COMPLETED 19.Q2 (C19.Q3-LSV267-PA5) 19.Q2_2
CXP102051/27_R69M26 CXP102051/27_R69M26 42 300 200218 200606 IDLE,
UPGRADE_COMPLETED 19.Q2 (C19.Q3-LSV267-PA6) 19.Q2_2

```

```

=====
Id CV Name                               Creation Date   UpgradePackage
Release Type      Operator      Comment
=====
1 post_CR                               2019-11-19 09:55 CXP102051/27_R28G16
L17Q4.4 other      evenrs      none
2 PRE_19Q2_upgrade                       2020-01-07 15:19 CXP102051/27_R28G16
L17Q4.4 standard esulkuh      PRE_19Q2_upgrade
3 Rb_CXP102051%27_R69K22_200107_1620 2020-01-07 16:20 CXP102051/27_R28G16
L17Q4.4 other      CPP      Rollb. CV autocreated at SU
4 B4_10Mhz_L26                               2020-01-28 16:52 CXP102051/27_R69K22 19.Q2
other      emyairi      B4_10Mhz_L26
5 POST_10Mhz_L26_config                   2020-01-28 16:54 CXP102051/27_R69K22 19.Q2
other      emyairi      POST_10Mhz_L26_config
6 selfconfig_autocreated1                 2020-03-07 17:57 CXP102051/27_R69K22 19.Q2
standard Selfconfig      Autocreated by System
7 PreUpgrade_19Q2                       2020-03-10 16:18 CXP102051/27_R69K22 19.Q2
standard ehammdk      PreUpgrade_19Q2
8 Rb_CXP102051%27_R69M26_200310_1653 2020-03-10 16:53 CXP102051/27_R69K22 19.Q2
other      CPP      Rollb. CV autocreated at SU
9 SU_CXP102051%27_R69M26_200310_1659 2020-03-10 16:59 CXP102051/27_R69M26 19.Q2
upgrade CPP      Temp. CV autocreated at SU
10 Post_upgrade_19Q2                     2020-03-10 19:39 CXP102051/27_R69M26 19.Q2
standard ehammdk      Post_upgrade_19Q2
11 B4_20Mhz_L26                               2020-03-24 17:13 CXP102051/27_R69M26 19.Q2
other      emuzuma      B4_20Mhz_L26
12 POST_20Mhz_L26_config                   2020-03-24 17:15 CXP102051/27_R69M26 19.Q2
other      emuzuma      POST_20Mhz_L26_config
13 Aft_qci6_200401_0500                     2020-03-31 21:00 CXP102051/27_R69M26 19.Q2
other      cele0776      none
14 OP_CXP102051_27_R69M26_01052020143015 2020-05-01 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
15 OP_CXP102051_27_R69M26_02052020143003 2020-05-02 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
16 OP_CXP102051_27_R69M26_03052020145231 2020-05-03 06:52 CXP102051/27_R69M26 19.Q2
standard miguser      none
17 OP_CXP102051_27_R69M26_04052020143010 2020-05-04 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
18 OP_CXP102051_27_R69M26_05052020143006 2020-05-05 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
19 OP_CXP102051_27_R69M26_06052020143329 2020-05-06 06:33 CXP102051/27_R69M26 19.Q2
standard miguser      none
20 OP_CXP102051_27_R69M26_07052020143032 2020-05-07 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
21 OP_CXP102051_27_R69M26_08052020143059 2020-05-08 06:31 CXP102051/27_R69M26 19.Q2
standard miguser      none
22 OP_CXP102051_27_R69M26_09052020143018 2020-05-09 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
23 OP_CXP102051_27_R69M26_10052020143004 2020-05-10 06:30 CXP102051/27_R69M26 19.Q2
standard miguser      none
24 OP_CXP102051_27_R69M26_11052020143044 2020-05-11 06:30 CXP102051/27_R69M26 19.Q2

```

standard miguser	none								
25	OP_CXP102051_27_R69M26_12052020143006	2020-05-12	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
26	OP_CXP102051_27_R69M26_13052020144807	2020-05-13	06:48	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
27	OP_CXP102051_27_R69M26_14052020143004	2020-05-14	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
28	OP_CXP102051_27_R69M26_15052020143050	2020-05-15	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
29	OP_CXP102051_27_R69M26_16052020143019	2020-05-16	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
30	OP_CXP102051_27_R69M26_17052020143028	2020-05-17	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
31	OP_CXP102051_27_R69M26_18052020143028	2020-05-18	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
32	OP_CXP102051_27_R69M26_19052020143009	2020-05-19	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
33	OP_CXP102051_27_R69M26_20052020143028	2020-05-20	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
34	OP_CXP102051_27_R69M26_21052020143128	2020-05-21	06:31	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
35	OP_CXP102051_27_R69M26_22052020143012	2020-05-22	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
36	OP_CXP102051_27_R69M26_23052020143018	2020-05-23	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
37	OP_CXP102051_27_R69M26_24052020143013	2020-05-24	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
38	OP_CXP102051_27_R69M26_25052020143057	2020-05-25	06:31	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
39	OP_CXP102051_27_R69M26_26052020143011	2020-05-26	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
40	OP_CXP102051_27_R69M26_27052020143009	2020-05-27	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
41	OP_CXP102051_27_R69M26_28052020143007	2020-05-28	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
42	OP_CXP102051_27_R69M26_29052020143023	2020-05-29	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
43	OP_CXP102051_27_R69M26_30052020143018	2020-05-30	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
44	OP_CXP102051_27_R69M26_31052020143034	2020-05-31	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
45	OP_CXP102051_27_R69M26_01062020143038	2020-06-01	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
46	OP_CXP102051_27_R69M26_02062020143004	2020-06-02	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
47	OP_CXP102051_27_R69M26_03062020143035	2020-06-03	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
48	OP_CXP102051_27_R69M26_04062020143020	2020-06-04	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
49	OP_CXP102051_27_R69M26_05062020143008	2020-06-05	06:30	CXP102051/27_R69M26	19.Q2				
standard miguser	none								
50	AFT_ONSITE_SCRIPT_200606_1341	2020-06-06	05:41	CXP102051/27_R69M26	19.Q2				
other	User								

>>> Total: 50 CV's, 3 UP's

RL10645_UMSKGE> st rru

200606-13:48:34 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
Proxy  Adm State      Op. State      MO
=====
  457  1 (UNLOCKED)  1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-1
  477  1 (UNLOCKED)  1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-2
  497  1 (UNLOCKED)  1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-3
=====
```

Total: 3 MOs

```
RL10645_UMSKGE>
.Xdefaults*                .minttyrc
RW10645_UMSKGE_dcg_k.log*  moshell.tar*
.bash_history              .moshellrc*
alt                        moshell18.0c.zip*
.bash_profile*            .profile*
jarxml/                   moshell_install*
.bashrc*                  .ssh/
lt                         moshell_logfiles/
.inputrc*
RL10645_ADDSECTOR_DUS_RADIO4443_L21_S2.mos* moshell/
RL10645_UMSKGE> run RL10645_ADDSECTOR_DUS_RADIO4443_L21_S2.mos
```

RL10645_UMSKGE> confb+

RL10645_UMSKGE> gs+

Perform a get before set = enabled

RL10645_UMSKGE>

RL10645_UMSKGE> lt all

200606-13:48:49 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Connected to 169.254.1.10

(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)

Last MO: 2942. Loaded 2942 MOs. Total: 2943 MOs.

RL10645_UMSKGE>

RL10645_UMSKGE> ##CREATE RADIO##

RL10645_UMSKGE> crn Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3

200606-13:48:50 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

piuType PiuType=KRC161753/1_*

##RILINK##

crn Equipment=1,RiLink=1_DB_B1B3

riPortRef1 Subrack=1,Slot=1,PlugInUnit=1,RiPort=D

riPortRef2 Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3,RiPort=DATA_2

end

ERROR: incorrect attributes: crn,riPortRef1,riPortRef2

RL10645_UMSKGE>

RL10645_UMSKGE> #####

```
RL10645_UMSKGE> # CREATE AntennaUnitGroup=2_DB_B1B3

RL10645_UMSKGE> #####

RL10645_UMSKGE> cr Equipment=1,AntennaUnitGroup=2_DB_B1B3

200606-13:48:50 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists: ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3

RL10645_UMSKGE> cr Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1

200606-13:48:50 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:
ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1

200606-13:48:50 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:
ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=1

200606-13:48:50 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:
ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=1

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=2

200606-13:48:50 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:
ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=2

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2

200606-13:48:50 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:
ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2

RL10645_UMSKGE> cr
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=2,AuPort=1

200606-13:48:51 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:
```

ManagedElement=1, Equipment=1, AntennaUnitGroup=2_DB_B1B3, AntennaUnit=1, AntennaSubunit=2, AuPort=1

RL10645_UMSKGE> cr

Equipment=1, AntennaUnitGroup=2_DB_B1B3, AntennaUnit=1, AntennaSubunit=2, AuPort=2

200606-13:48:51 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: MO already exists:

ManagedElement=1, Equipment=1, AntennaUnitGroup=2_DB_B1B3, AntennaUnit=1, AntennaSubunit=2, AuPort=2

RL10645_UMSKGE>

RL10645_UMSKGE> ###RFBANCH###

RL10645_UMSKGE> crn Equipment=1, AntennaUnitGroup=2_DB_B1B3, RfBranch=1

200606-13:48:51 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

dlAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0

ulAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0

end

ERROR: MO already exists:

ManagedElement=1, Equipment=1, AntennaUnitGroup=2_DB_B1B3, RfBranch=1

RL10645_UMSKGE> set Equipment=1, AntennaUnitGroup=2_DB_B1B3, RfBranch=1 auPortRef

Equipment=1, AntennaUnitGroup=2_DB_B1B3, AntennaUnit=1, AntennaSubunit=1, AuPort=1

200606-13:48:51 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====

Id	MO	auPortRef
Result		

=====

616	AntennaUnitGroup=2_DB_B1B3, RfBranch=1	
	Equipment=1, AntennaUnitGroup=2_DB_B1B3, AntennaUnit=1, AntennaSubunit=1, AuPort=1 -->	
611	-No Change-	

=====

Total: 1 MOs attempted, 1 MOs set

RL10645_UMSKGE> set Equipment=1, AntennaUnitGroup=2_DB_B1B3, RfBranch=1 rfPortRef

Equipment=1, AuxPlugInUnit=RRU-1_DB_B1B3, DeviceGroup=ru, RfPort=A

200606-13:48:51 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Last MO: 2957. Loaded 15 MOs. Total: 2943 MOs. MO Class: RfPort.

=====

Id	MO	rfPortRef
Result		

=====

616	AntennaUnitGroup=2_DB_B1B3, RfBranch=1	--> 0
!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException		
TAG : "WrongAttributeType" VARIABLES : "\$moTypeName" = "Parameter rfPortRef is of		

```
wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "$attrName" = "rfPortRef"
=====
Total: 1 MOs attempted, 0 MOs set
```

RL10645_UMSKGE>

RL10645_UMSKGE> crn Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2

```
200606-13:48:51 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
dlAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
ulAttenuation 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
end
```

ERROR: MO already exists:

ManagedElement=1,Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2

RL10645_UMSKGE> set Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2 auPortRef
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=2

```
200606-13:48:52 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
```

```
=====
=====
      Id  MO                                          auPortRef
Result
=====
=====
      617  AntennaUnitGroup=2_DB_B1B3,RfBranch=2
Equipment=1,AntennaUnitGroup=2_DB_B1B3,AntennaUnit=1,AntennaSubunit=1,AuPort=2 -->
612  -No Change-
```

```
=====
Total: 1 MOs attempted, 1 MOs set
```

RL10645_UMSKGE> set Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2 rfPortRef
Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3,DeviceGroup=ru,RfPort=B

```
200606-13:48:52 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
Last MO: 2972. Loaded 15 MOs. Total: 2943 MOs. MO Class: RfPort.
```

```
=====
=====
      Id  MO                                          rfPortRef
Result
=====
=====
      617  AntennaUnitGroup=2_DB_B1B3,RfBranch=2          --> 0
!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "$moTypeName" = "Parameter rfPortRef is of
wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "$attrName" = "rfPortRef"
=====
Total: 1 MOs attempted, 0 MOs set
```

RL10645_UMSKGE>

RL10645_UMSKGE> ##SectorEquipmentFunction##

RL10645_UMSKGE> cr NodeSupport=1,SectorEquipmentFunction=1_DB_B1B3

200606-13:48:52 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

ERROR: Parent MO not found: NodeSupport=1

RL10645_UMSKGE> set SectorEquipmentFunction=1_DB_B1B3 rfBranchRef
Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=1
Equipment=1,AntennaUnitGroup=2_DB_B1B3,RfBranch=2

200606-13:48:52 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
=====
      Id  MO                                     rfbranchref
Result
=====
=====
=====
Total: 0 MOs attempted, 0 MOs set
```

RL10645_UMSKGE> set Equipment=1,AuxPlugInUnit=RRU-1_DB_B1B3 isSharedWithExternalMe
true

200606-13:48:52 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
=====
      Id  MO
issharedwithexternalme  Result
=====
=====
=====
Total: 0 MOs attempted, 0 MOs set
```

RL10645_UMSKGE>

RL10645_UMSKGE> ##SectorCarrier##

RL10645_UMSKGE> crn ENodeBFunction=1,SectorCarrier=S2_B1

200606-13:48:53 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
sectorFunctionRef NodeSupport=1,SectorEquipmentFunction=S1_DB_B1B3
Last MO: 2975. Loaded 3 MOs. Total: 2943 MOs. MO Class:
SectorEquipmentFunction.
end

!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "\$moTypeName" = "Parameter sectorFunctionRef
is of wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "\$attrName" =
"sectorFunctionRef"

RL10645_UMSKGE> set ENodeBFunction=1,SectorCarrier=S2_B1 configuredMaxTxPower 40000

200606-13:48:53 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
=====
=====
      Id  MO
configuredmaxtxpower  Result
=====
=====
=====
```

Total: 0 MOs attempted, 0 MOs set

RL10645_UMSKGE>

RL10645_UMSKGE> ##EUTranCellFDD##

RL10645_UMSKGE> crn ENodeBFunction=1,EUTranCellFDD=RL10645_3_2

200606-13:48:53 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```
acBarringForCsfb acBarringFactor=95,acBarringForSpecialAC=false false false false
false,acBarringTime=64
acBarringForMoData acBarringFactor=95,acBarringForSpecialAC=false false false false
false,acBarringTime=64
acBarringForMoSignalling acBarringFactor=95,acBarringForSpecialAC=false false false
false false,acBarringTime=64
acBarringPresence
acBarringForCsfbPresence=0,acBarringForMmtelVideoPresence=0,acBarringForMmtelVoiceP
resence=0,acBarringForMoDataPresence=0,acBarringForMoSignPresence=0,acBarringPriori
tyCsfb=0,acBarringPriorityMmtelVideo=0,acBarringPriorityMmtelVoice=0,acBarringPrior
ityMoData=0,acBarringPriorityMoSignaling=0
changeNotification
changeNotificationSIB1=false,changeNotificationSIB13=false,changeNotificationSIB15=
false,changeNotificationSIB16=false,changeNotificationSIB2=false,changeNotification
SIB3=false,changeNotificationSIB4=false,changeNotificationSIB5=false,changeNotifica
tionSIB6=false,changeNotificationSIB7=false,changeNotificationSIB8=false
eutranCellCoverage posCellBearing=40,posCellOpeningAngle=1200,posCellRadius=15000
frameStartOffset subFrameOffset=0
mappingInfo
mappingInfoSIB10=1,mappingInfoSIB11=0,mappingInfoSIB12=0,mappingInfoSIB13=0,mapping
InfoSIB15=0,mappingInfoSIB16=0,mappingInfoSIB3=1,mappingInfoSIB4=3,mappingInfoSIB5=
3,mappingInfoSIB6=4,mappingInfoSIB7=4,mappingInfoSIB8=0
siPeriodicity
siPeriodicitySI1=8,siPeriodicitySI10=64,siPeriodicitySI2=64,siPeriodicitySI3=64,siP
eriodicitySI4=64,siPeriodicitySI5=64,siPeriodicitySI6=64,siPeriodicitySI7=64,siPeri
odicitySI8=64,siPeriodicitySI9=64
ssacBarringForMMTELVideo acBarringFactor=95,acBarringForSpecialAC=false false false
false false,acBarringTime=64
ssacBarringForMMTELVoice acBarringFactor=95,acBarringForSpecialAC=false false false
false false,acBarringTime=64
systemInformationBlock3
nCellChangeHigh=16,nCellChangeMedium=16,qHyst=2,qHystSfHigh=0,qHystSfMedium=0,sIntr
aSearch=62,sIntraSearchP=62,sIntraSearchQ=0,sIntraSearchv920Active=false,sNonIntraS
earch=40,sNonIntraSearchP=0,sNonIntraSearchQ=0,sNonIntraSearchv920Active=false,tEva
luation=240,threshServingLowQ=1000,tHystNormal=240
systemInformationBlock6
tReselectionUtra=2,tReselectionUtraSfHigh=100,tReselectionUtraSfMedium=100
systemInformationBlock7
tReselectionGeran=2,tReselectionGeranSfHigh=100,tReselectionGeranSfMedium=100
systemInformationBlock8
```

```

searchWindowSizeCdma=8,tReselectionCdma1xRtt=2,tReselectionCdma1xRttSfHigh=100,tReselectionCdma1xRttSfMedium=100,tReselectionCdmaHrpd=2,tReselectionCdmaHrpdSfHigh=100,tReselectionCdmaHrpdSfMedium=100
administrativeState 0
altitude 20
cellId 212
dlChannelBandwidth 10000
earfcndl 349
earfcnul 18349
latitude 6046560
longitude 11612660
physicalLayerCellIdGroup 53
physicalLayerSubCellId 1
rachRootSequence 15
sectorCarrierRef ENodeBFunction=1,SectorCarrier=S2_B1
Last MO: 2978. Loaded 3 MOs. Total: 2943 MOs. MO Class: SectorCarrier.
tac 536
threshServingLow 0
ulChannelBandwidth 10000
userLabel RL10645_3_2
end

```

```

!!!! Processing failure :se.ericsson.cello.moframework.WrongAttributeTypeException
TAG : "WrongAttributeType" VARIABLES : "$moTypeName" = "Parameter sectorCarrierRef is
of wrong type or does not exist (Not Reservable or LoadModule): class
se.ericsson.cello.managedelement.ManagedElementMoImpl.", "$attrName" =
"sectorCarrierRef"

```

```

RL10645_UMSKGE> #END ENodeBFunction=1,EUtranCellFDD=RL10645_3_2
-----

```

```

RL10645_UMSKGE>

```

```

RL10645_UMSKGE> $date = `date +%y%m%d_%H%M`

```

```

$date = 200606_1348

```

```

RL10645_UMSKGE> cvms AFT_ONSITE_SCRIPT_$date

```

```

200606-13:48:54 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

```

RL10645_UMSKGE> acc configurationversion=1 create

```

```

*** 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

```

=====
=====
Proxy MO Action
Nr of Params
=====
=====
619 ConfigurationVersion=1 create
5

```

```

Parameter 1 of 5, configurationVersionName (string): AFT_ONSITE_SCRIPT_200606_1348

```

```

Parameter 2 of 5, identity (string): AFT_ONSITE_SCRIPT_200606_1348

```

```

Parameter 3 of 5, type (enumRef-ConfigurationVersionType):

```

Enter one of the following integers: 0:STANDARD, 1:UPGRADE, 2:MINIMAL, 3:TEST, 4:AUTOCREATE, 5:OTHER, 6:UPGRADE_TOLERATE_ERROR, 7:DOWNLOADED, 8:RESTORED, 9:STANDALONE: 5

Parameter 4 of 5, operatorName (string): User

Parameter 5 of 5, comment (string): none

!!!! Processing failure

:se.ericsson.cello.configurationversion.create.CV_CreatorException

TAG : "se.ericsson.cello.configurationversion.main.exception.CV_MaxNumberOfInstances

ExistsException TAG : "CV_MaxNumberOfInstancesExists" VARIABLES : "\$MO typename" =

"ConfigurationVersion", "\$result" = "CELLO_CV_MAX_NUMBER_OF_INSTANCES_EXISTS"

VARIABLES :

=====

Total: 1 MOs attempted, 0 MOs actioned

RL10645_UMSKGE>

RL10645_UMSKGE> gs-

Perform a get before set = disabled

RL10645_UMSKGE> confb-

RL10645_UMSKGE> st rru

200606-13:50:22 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====

Proxy Adm State Op. State MO

=====

457 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-1

477 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-2

497 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-3

=====

Total: 3 MOs

RL10645_UMSKGE> st cell

200606-13:50:28 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====

Proxy Adm State Op. State MO

=====

1793 1 (UNLOCKED) 1 (ENABLED) ENodeBFunction=1,EUtranCellFDD=RL10645_6_1

2044 1 (UNLOCKED) 1 (ENABLED) ENodeBFunction=1,EUtranCellFDD=RL10645_6_2

2232 1 (UNLOCKED) 1 (ENABLED) ENodeBFunction=1,EUtranCellFDD=RL10645_6_3

=====

Total: 3 MOs

RL10645_UMSKGE> st field

200606-13:50:32 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

=====

Proxy Adm State Op. State MO

=====

=====

Total: 0 MOs

```
200606-13:50:39 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
```

Total: 3 MOs

```
200606-13:50:43 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
```

WARNING: The password could be compromised. Please change the password.

SMN	APN	BOARD	FAULT	OPER	MAINT	STAT	PRODUCTNUMBER	REV	SERIAL
DATE		TEMP	COREMGR						
0	1	DUS3101	OFF	ON	OFF	OFF	KDU137624/3	R3A/A	CD39610111
20140220		56C	Active*						

SMN	ProductNr	Rev	Name	Date	SerialNr
0	R0J9999999	*	BACKPLANE		

SMN	APN	PORT	BOARD	FAULT	OPER	MAINT	PRODUCT	NR	REV	SERIAL
DATE		TEMP	AuxPIU Cells							
0	1	BXP_0	RRUS13B7	OFF	ON	OFF	KRC161473/2	R1D	D820896754	
20150313	47.3		RRU-1 RL10645_6_1							
0	1	BXP_1	RRUS13B7	OFF	ON	OFF	KRC161473/2	R1D	D820896752	
20150313	44.5		RRU-2 RL10645_6_2							
0	1	BXP_2	RRUS13B7	OFF	ON	OFF	KRC161473/2	R1D	D820896753	
20150313	43.4		RRU-3 RL10645_6_3							

SMN	APN	PORT	BOARD	AuxPIU	TX1(w/dBm)	TX2(w/dBm)	VSWR1 (RL1)	VSWR2 (RL2)
Cells (cellId,PCI)								
=====								
=====								
0	1	BXP_0	RRUS13B7	RRU-1	4.4 (36.4)	4.4 (36.4)	1.12 (25.0)	1.15 (23.3)
RL10645 6 1 (1,107)								

```

0 1 BXP_1 RRUS13B7 RRU-2 1.4 (31.6) 1.4 (31.6) 1.25 (19.0) 1.48 (14.2)
RL10645_6_2 (2,90)
0 1 BXP_2 RRUS13B7 RRU-3 1.1 (30.4) 1.1 (30.4) 1.10 (26.5) 1.16 (22.5)
RL10645_6_3 (3,16)
-----
-----

```

Note: the RU/TX/VSWR tables in cabx are obsolete. Command invxrf can be used instead.

```
RL10645_UMSKGE> st rru
```

```
200606-13:57:44 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
```

```
=====
Proxy  Adm State      Op. State      MO
=====
457 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-1
477 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-2
497 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-3
=====
```

```
Total: 3 MOs
```

```
RL10645_UMSKGE> st cell
```

```
200606-13:57:48 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
```

```
=====
Proxy  Adm State      Op. State      MO
=====
1793 1 (UNLOCKED) 1 (ENABLED) ENodeBFunction=1,EUtranCellFDD=RL10645_6_1
2044 1 (UNLOCKED) 1 (ENABLED) ENodeBFunction=1,EUtranCellFDD=RL10645_6_2
2232 1 (UNLOCKED) 1 (ENABLED) ENodeBFunction=1,EUtranCellFDD=RL10645_6_3
=====
```

```
Total: 3 MOs
```

```
RL10645_UMSKGE> alt
```

```
200606-13:57:54 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
```

```
Connecting to 10.157.105.197:56834 (CorbaSecurity=OFF, corba_class=2,
java=1.7.0_10, jacoms=R93D03, jacorb=R89C01)
Trying file=C:/cygwin/home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-
133920_2384/ior2384
Resolving the alarm service in OMS...
Simple Alarm Client initialized...
Starting to retrieve active alarms
Nr of active alarms are: 8
```

```
=====
Date & Time (Local) S Specific Problem MO (Cause/AdditionalInfo)
=====
2020-03-11 01:38:30 m External Link Failure ENodeBFunction=1 (X2 link
problem to one or several neighbouring eNodeBs. PLMN ID-eNB ID 1 : 50219-520162
PLMN ID-eNB ID 2 : 50219-510937 PLMN ID-eNB ID 3 : 50219-510643 PLMN ID-eNB ID
4 : 50219-516219 PLMN ID-eNB ID 5 : 50219-520013 PLMN ID-eNB ID 6 : 50219-510628
PLMN ID-eNB ID 7 : 50219-510387 PLMN ID-eNB ID 8 : 50219-510644 PLMN ID-eNB ID
9 : 50219-510062 PLMN ID-eNB ID : list truncated)
2020-03-25 01:14:45 m Resource Allocation Failure Service Degraded SectorCarrier=3
(Insufficient RF power Hardware Activation Codes)
```

```

2020-03-25 01:14:51 m Service Degraded                               EUTRANCellFDD=RL10645_6_3
(performance_degraded)
2020-06-05 16:08:37 m No Connection
AntennaUnitGroup=2,AntennaNearUnit=2 (Contact lost with resource object)
2020-06-05 16:08:37 m No Connection
AntennaUnitGroup=2,AntennaNearUnit=1 (Contact lost with resource object)
2020-06-05 16:08:41 m Resource Allocation Failure Service Degraded SectorCarrier=2
(Insufficient RF power Hardware Activation Codes)
2020-06-05 16:08:45 m Service Degraded                               EUTRANCellFDD=RL10645_6_2
(performance_degraded)
2020-06-06 11:01:26 C External Alarm                               HwUnit=SUP-1,AlarmPort=3
(INTRUDER ALARM LTE)
>>> Total: 8 Alarms (1 Critical, 0 Major)

```

```
RL10645_UMSKGE> st rru
```

```

200606-13:58:16 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
=====
Proxy  Adm State      Op. State      MO
=====
  457  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-1
  477  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-2
  497  1 (UNLOCKED)    1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-3
=====
Total: 3 MOs

```

```
RL10645_UMSKGE> st cell
```

```

200606-13:58:20 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
=====
Proxy  Adm State      Op. State      MO
=====
  1793  1 (UNLOCKED)    1 (ENABLED)    ENodeBFunction=1,EUTRANCellFDD=RL10645_6_1
  2044  1 (UNLOCKED)    1 (ENABLED)    ENodeBFunction=1,EUTRANCellFDD=RL10645_6_2
  2232  1 (UNLOCKED)    1 (ENABLED)    ENodeBFunction=1,EUTRANCellFDD=RL10645_6_3
=====
Total: 3 MOs

```

```
RL10645_UMSKGE> lt all
```

```

200606-14:23:29 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407
Connected to 169.254.1.10
(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)
Last MO: 3004. Loaded 3004 MOs. Total: 3005 MOs.

```

```
RL10645_UMSKGE> alt
```

```

200606-14:23:35 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Connecting to 10.157.105.197:56834 (CorbaSecurity=OFF, corba_class=2,
java=1.7.0_10, jacoms=R93D03, jacorb=R89C01)
Trying file=C:/cygwin/home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-
133920_2384/ior2384
Resolving the alarm service in OMS...
Simple Alarm Client initialized...
Starting to retrieve active alarms
Nr of active alarms are: 9
=====
=====

```

```

Date & Time (Local) S Specific Problem MO (Cause/AdditionalInfo)
=====
2020-03-11 01:38:30 m External Link Failure ENodeBFunction=1 (X2 link
problem to one or several neighbouring eNodeBs. PLMN ID-eNB ID 1 : 50219-520162
PLMN ID-eNB ID 2 : 50219-510937 PLMN ID-eNB ID 3 : 50219-510643 PLMN ID-eNB ID
4 : 50219-516219 PLMN ID-eNB ID 5 : 50219-520013 PLMN ID-eNB ID 6 : 50219-510628
PLMN ID-eNB ID 7 : 50219-510387 PLMN ID-eNB ID 8 : 50219-510644 PLMN ID-eNB ID
9 : 50219-510062 PLMN ID-eNB ID : list truncated)
2020-03-25 01:14:45 m Resource Allocation Failure Service Degraded SectorCarrier=3
(Insufficient RF power Hardware Activation Codes)
2020-03-25 01:14:51 m Service Degraded EUTRANCellFDD=RL10645_6_3
(performance_degraded)
2020-06-05 16:08:37 m No Connection
AntennaUnitGroup=2,AntennaNearUnit=2 (Contact lost with resource object)
2020-06-05 16:08:37 m No Connection
AntennaUnitGroup=2,AntennaNearUnit=1 (Contact lost with resource object)
2020-06-05 16:08:41 m Resource Allocation Failure Service Degraded SectorCarrier=2
(Insufficient RF power Hardware Activation Codes)
2020-06-05 16:08:45 m Service Degraded EUTRANCellFDD=RL10645_6_2
(performance_degraded)
2020-06-06 11:01:26 C External Alarm HwUnit=SUP-1,AlarmPort=3
(INTRUDER ALARM LTE)
2020-06-06 14:13:45 m SFP Not Present
Subrack=1,Slot=1,PlugInUnit=1,RiPort=D (No SFP or electrical cable plugged in.)
>>> Total: 9 Alarms (1 Critical, 0 Major)

```

RL10645_UMSKGE> st rru

200606-14:24:09 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

=====
Proxy  Adm State      Op. State      MO
=====
457  1 (UNLOCKED)  1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-1
477  1 (UNLOCKED)  1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-2
497  1 (UNLOCKED)  1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-3
618  1 (UNLOCKED)  0 (DISABLED)   Equipment=1,AuxPlugInUnit=RRU-2_DB_B1B3
=====

```

Total: 4 MOs

RL10645_UMSKGE> st riport

200606-14:24:13 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

=====
Proxy  Adm State      Op. State      MO
=====
349  1 (UNLOCKED)  1 (ENABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=A
350  1 (UNLOCKED)  1 (ENABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=B
351  1 (UNLOCKED)  1 (ENABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=C
352  1 (UNLOCKED)  0 (DISABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=D
353  1 (UNLOCKED)  0 (DISABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=E
354  1 (UNLOCKED)  0 (DISABLED)
Equipment=1,Subrack=1,Slot=1,PlugInUnit=1,RiPort=F
474  1 (UNLOCKED)  1 (ENABLED)    Equipment=1,AuxPlugInUnit=RRU-1,RiPort=DATA_1

```

```

475 1 (UNLOCKED) 0 (DISABLED) Equipment=1,AuxPlugInUnit=RRU-1,RiPort=DATA_2
494 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-2,RiPort=DATA_1
495 1 (UNLOCKED) 0 (DISABLED) Equipment=1,AuxPlugInUnit=RRU-2,RiPort=DATA_2
498 1 (UNLOCKED) 1 (ENABLED) Equipment=1,AuxPlugInUnit=RRU-3,RiPort=DATA_1
499 1 (UNLOCKED) 0 (DISABLED) Equipment=1,AuxPlugInUnit=RRU-3,RiPort=DATA_2
627 1 (UNLOCKED) 0 (DISABLED) Equipment=1,AuxPlugInUnit=RRU-
2_DB_B1B3,RiPort=DATA_1
628 1 (UNLOCKED) 0 (DISABLED) Equipment=1,AuxPlugInUnit=RRU-
2_DB_B1B3,RiPort=DATA_2

```

=====
Total: 14 MOs

RL10645_UMSKGE> st cell

200606-14:24:25 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

```

=====
Proxy  Adm State      Op. State      MO
=====
1806  1 (UNLOCKED)  1 (ENABLED)    ENodeBFunction=1,EUtranCellFDD=RL10645_6_1
2057  1 (UNLOCKED)  1 (ENABLED)    ENodeBFunction=1,EUtranCellFDD=RL10645_6_2
2245  1 (UNLOCKED)  1 (ENABLED)    ENodeBFunction=1,EUtranCellFDD=RL10645_6_3
2940  0 (LOCKED)    0 (DISABLED)    ENodeBFunction=1,EUtranCellFDD=RL10645_3_2
=====

```

Total: 4 MOs

RL10645_UMSKGE> alt

200606-16:26:52 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

The node has been restarted on a different CV: from
SU_CXP102051%27_R69M26_200310_1659 to OP_CXP102051%27_R69M26_200606_1522.
Rereading MOM and MIB...

Connected to 169.254.1.10

(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)

Last MO: 3075. Loaded 3075 MOs. Total: 3076 MOs.

Checking MOM version...ERBS_NODE_MODEL_J_3_54

Parsing MOM (cached): /home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-133920_2384/ERBS_NODE_MODEL_J_3_54.xml.cache.gz

.....Done.

Using paramfile /home/User/moshell/commonjars/pm/PARAM_ERBS_G_1_0.txt

Parsing file /home/User/moshell/commonjars/pm/PARAM_ERBS_G_1_0.txtDone.

Connecting to 10.157.105.197:56834 (CorbaSecurity=OFF, corba_class=2,
java=1.7.0_10, jacoms=R93D03, jacorb=R89C01)

Trying file=C:/cygwin/home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-133920_2384/ior2384

Resolving the alarm service in OMS...

Simple Alarm Client initialized...

Starting to retrieve active alarms

Nr of active alarms are: 4

```

=====
Date & Time (Local) S Specific Problem                                MO (Cause/AdditionalInfo)
=====

```

```

2020-06-06 15:26:46 C External Alarm
(INTRUDER ALARM LTE)

```

HwUnit=SUP-1,AlarmPort=3

2020-06-06 15:30:35 m External Link Failure ENodeBFunction=1 (X2 link problem to one or several neighbouring eNodeBs. PLMN ID-eNB ID 1 : 50219-510495 PLMN ID-eNB ID 2 : 50219-520162 PLMN ID-eNB ID 3 : 50219-510937 PLMN ID-eNB ID 4 : 50219-520006 PLMN ID-eNB ID 5 : 50219-510643 PLMN ID-eNB ID 6 : 50219-516219 PLMN ID-eNB ID 7 : 50219-520013 PLMN ID-eNB ID 8 : 50219-520003 PLMN ID-eNB ID 9 : 50219-510628 PLMN ID-eNB ID : list truncated)

2020-06-06 16:21:00 m No Connection

AntennaUnitGroup=2,AntennaNearUnit=2 (Timeout: Failed to get anuConnectIndication)

2020-06-06 16:21:00 m No Connection

AntennaUnitGroup=2,AntennaNearUnit=1 (Timeout: Failed to get anuConnectIndication)

>>> Total: 4 Alarms (1 Critical, 0 Major)

RL10645_UMSKGE> st rru

200606-16:27:07 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Proxy	Adm State	Op. State	MO
456	1 (UNLOCKED)	1 (ENABLED)	Equipment=1,AuxPlugInUnit=RRU-1
476	1 (UNLOCKED)	1 (ENABLED)	Equipment=1,AuxPlugInUnit=RRU-2
496	1 (UNLOCKED)	1 (ENABLED)	Equipment=1,AuxPlugInUnit=RRU-3
535	1 (UNLOCKED)	1 (ENABLED)	Equipment=1,AuxPlugInUnit=RRU-2_DB_B1B3

Total: 4 MOs

RL10645_UMSKGE> st cell

200606-16:27:12 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Proxy	Adm State	Op. State	MO
1814	1 (UNLOCKED)	1 (ENABLED)	ENodeBFunction=1,EUtranCellFDD=RL10645_6_1
2071	1 (UNLOCKED)	1 (ENABLED)	ENodeBFunction=1,EUtranCellFDD=RL10645_6_2
2268	1 (UNLOCKED)	1 (ENABLED)	ENodeBFunction=1,EUtranCellFDD=RL10645_6_3
2828	1 (UNLOCKED)	1 (ENABLED)	ENodeBFunction=1,EUtranCellFDD=RL10645_3_2

Total: 4 MOs

RL10645_UMSKGE> st ret

200606-16:27:17 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Proxy	Adm State	Op. State	MO
575		1 (ENABLED)	
Equipment=1,AntennaUnitGroup=1,AntennaNearUnit=1,RetSubUnit=1			
577		1 (ENABLED)	
Equipment=1,AntennaUnitGroup=1,AntennaNearUnit=2,RetSubUnit=1			
582		0 (DISABLED)	
Equipment=1,AntennaUnitGroup=2,AntennaNearUnit=1,RetSubUnit=1			
584		0 (DISABLED)	
Equipment=1,AntennaUnitGroup=2,AntennaNearUnit=2,RetSubUnit=1			
605		1 (ENABLED)	
Equipment=1,AntennaUnitGroup=3,AntennaNearUnit=1,RetSubUnit=1			
607		1 (ENABLED)	
Equipment=1,AntennaUnitGroup=3,AntennaNearUnit=2,RetSubUnit=1			

Total: 6 MOs

RL10645_UMSKGE> invxrf

200606-16:27:27 169.254.1.10 18.0c ERBS_NODE_MODEL_J_3_54 stopfile=/tmp/2407

Connected to 169.254.1.10

(SubNetwork=SABAH,SubNetwork=LTE_KTRN18,MeContext=RL10645_UMSKGE,ManagedElement=1)

Last MO: 3075. Loaded 3075 MOs. Total: 3076 MOs.

Checking available boards on node...

Collecting CPP board data...

.....

Collecting RBS board data...

Created following board-groups: all, allp, mp, bp, tu, coremp, ommmp, scb, sxb, scx, sccmp, et, etmfg, etmfx, aal2ap, aal2ncc, aal2cpsrc, aal2rh, xp, rax, tx, ru, ru[0-6], gcpu.

>>> Type "bp" to view available board-groups and "bp <group>" to view group contents.

Collecting TN data...

.....

Collecting RF data...

put /home/User/moshell_logfiles/logs_moshell/tempfiles/20200606-

133920_2384/lhCmd240720200606133924 /d/usr/lhCmd240720200606133924 ... OK

.....

.....

Node: RBS6601L

CXP102051/27_R69M26 19.Q2 (C19.Q3_LSV267_PA6)

```
=====
=====
SMN APN  BOARD      SWALLOCATION  S  FAULT OPER MAINT STAT   c/p   d  PRODUCTNUMBER
REV   SERIAL      DATE      MO
=====
=====
   0   1  DUS3101  main          1  OFF   ON   OFF   OFF   15% 70%  KDU137624/3
R3A/A CD39610111 20140220 1,Slot=1
=====
-----
```

```
=====
=====
XPBOARD      ST  FAULT OPER MAINT  PRODUCTNUMBER  REV   SERIAL/NAME  DATE
TEMP  UPT MO (LNH)
=====
=====
RRUS13B7      1  OFF   ON   OFF   KRC161473/2   R1D   D820896754   20150313
48.1 87.6 AuxPlugInUnit=RRU-1 (000100/BXP_0)
RRUS13B7      1  OFF   ON   OFF   KRC161473/2   R1D   D820896752   20150313
51.2 87.6 AuxPlugInUnit=RRU-2 (000100/BXP_1)
RRUS13B7      1  OFF   ON   OFF   KRC161473/2   R1D   D820896753   20150313
46.4 87.6 AuxPlugInUnit=RRU-3 (000100/BXP_2)
RRU4443B1B3   1  OFF   ON   OFF   KRC161753/1   R1F   E556094305   20200319
51.2 0.01 AuxPlugInUnit=RRU-2_DB_B1B3 (000100/BXP_3)
RBS6601              102/BFL90009   R8A   D821169981   20150430
31      Cabinet=1
FANGROUP      OFF
```

Cabinet=1, FanGroup=1
SUP6601 1 OFF ON 1/BFL901009/4 R2B BW98656463 20150126
HwUnit=SUP-1

=====

AntennaNearUnit	ST	TYPE	PRODUCTNR	REV	UNIQUEID
-----------------	----	------	-----------	-----	----------

RfPort

=====

=====

AntennaUnitGroup=1, AntennaNearUnit=1	1	S-RET	ACU-002	1.30	
NT002ACU20151602035 AuxPlugInUnit=RRU-1, DeviceGroup=ru, RfPort=R					
AntennaUnitGroup=1, AntennaNearUnit=2	1	S-RET	ACU-002	1.30	
NT002ACU20151600726 AuxPlugInUnit=RRU-1, DeviceGroup=ru, RfPort=R					
AntennaUnitGroup=2, AntennaNearUnit=1	0	S-RET			
AuxPlugInUnit=RRU-2_DB_B1B3, DeviceGroup=ru, RfPort=R					
AntennaUnitGroup=2, AntennaNearUnit=2	0	S-RET			
AuxPlugInUnit=RRU-2_DB_B1B3, DeviceGroup=ru, RfPort=R					
AntennaUnitGroup=3, AntennaNearUnit=1	1	S-RET	ACU-002	1.30	
NT002ACU20151602009 AuxPlugInUnit=RRU-3, DeviceGroup=ru, RfPort=R					
AntennaUnitGroup=3, AntennaNearUnit=2	1	S-RET	ACU-002	1.30	
NT002ACU20151601990 AuxPlugInUnit=RRU-3, DeviceGroup=ru, RfPort=R					

=====

=====

MO	SMN	PRODUCT	PRODUCTNUMBER	REV	SERIAL/NAME	DATE
transmissionType		maxPwr	fanConfiguration	position		

=====

Subrack=1	0	Subrack	R0J9999999	*		
ETHERNET_CABLE		2000W	NO_CPP_FAN			

=====

=====

AuxPiu	LNH	BOARD	RF	TX (W/dBm)	VSWR (RL)	RX (dBm)
Sector/Cells	(localCellIds/CellIds, PCIs)					

=====

RRU-1	000100/BXP_0	RRUS13B7	A	2.0 (33.1)	1.13 (24.2)	-100.1	SE=1
FDD=RL10645_6_1 (1:107)							
RRU-1	000100/BXP_0	RRUS13B7	B	2.0 (33.1)	1.15 (23.3)	-99.9	SE=1
FDD=RL10645_6_1 (1:107)							
RRU-2	000100/BXP_1	RRUS13B7	A	34.4 (45.4)	1.25 (19.2)	-94.2	SE=2
FDD=RL10645_6_2 (2:90)							
RRU-2	000100/BXP_1	RRUS13B7	B	34.4 (45.4)	1.50 (14.0)	-94.1	SE=2
FDD=RL10645_6_2 (2:90)							
RRU-3	000100/BXP_2	RRUS13B7	A	4.8 (36.8)	1.10 (26.4)	-99.2	SE=3
FDD=RL10645_6_3 (3:16)							
RRU-3	000100/BXP_2	RRUS13B7	B	3.8 (35.8)	1.17 (22.0)	-100.1	SE=3
FDD=RL10645_6_3 (3:16)							
RRU-2_DB_B1B3	000100/BXP_3	RRU44430103	A	1.7 (32.4)	1.13 (24.2)	-105.8	
SE=S2_DB_B1B3* FDD=RL10645_3_2 (212:160)							
RRU-2_DB_B1B3	000100/BXP_3	RRU44430103	B	1.7 (32.4)	1.17 (22.0)	-105.3	
SE=S2_DB_B1B3* FDD=RL10645_3_2 (212:160)							
RRU-2_DB_B1B3	000100/BXP_3	RRU44430103	C	1.4 (31.5)	1.19 (21.4)	-92.3	

=====

RRU-2_DB_B1B3 000100/BXP_3 RRU44430103 D 1.4 (31.5) 1.18 (21.8) -92.4

Tip: use option "g" to print graphical view of CPRI connections and RF connections.

RL10645_UMSKGE>