

# Reconfigure RSCT ID to fix DLPAR issues on cloned AIX systems

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ON AIX systems, RMC daemons are part of the Reliable, Scalable Cluster Technology (RSCT). They allows the HMC to communicate with a managed logical partition to do DLPAR operations. But, when we clone an AIX system, for example using mksysb, RSCT ID is not reconfigured and of course, DLPAR is not working anymore.

To solve this issue, you need to reconfigure RSCT ID. Follow these steps to fix this issue.

1- Get RSCT ID (before change it).

```
1 [root@aix:/] cat /etc/ct_node_id
2 250083fc821083e6
```

2- Reconfigure RSCT ID on AIX client.

```
1 [root@aix:/] /usr/sbin/rsct/install/bin/uncfgct -n
2 [root@aix:/] /usr/sbin/rsct/install/bin/cfgct
```

3- Verify RSCT ID (after change it)

```
1 [root@aix:/] cat /etc/ct_node_id
2
3 bfcc4535bc55378
```

4- Restart RMC on AIX client.

```
1 [root@aix:/] /usr/sbin/rsct/bin/rmcctrl -z
2 [root@aix:/] /usr/sbin/rsct/bin/rmcctrl -A
3 [root@aix:/] /usr/sbin/rsct/bin/rmcctrl -p
```

5- Wait 5 min and check again RMC connection between HMC or FSM.

5- From AIX, check conenction wirh HMC/FSM.

```
1 [root@aix:/] -&gt; lsrsrc IBM.MCP
2
3 Resource Persistent Attributes for IBM.MCP
4
5 resource 1:
6
7 MNNName = "172.16.yyy.xxx" <----
8 AIX client IP
```

```
6 NodeID = 4273918179149062022
7 KeyToken = "FSMPureflex" <----
  HSM/FSM HOSTNAME
8
9 IPAddresses = {"172.21.yyy.xxx"} <----
  HSM/FSM IP
10 ConnectivityNames = {"172.16.yyy.xxx"}
  <---- AIX client IP
11
12 HMCName = "7955-01M*13FFFFBB"
13
14 HMCIPAddr = "172.21.yyy.xxx" <----
  HSM/FSM IP
15
16 HMCAddIPs = "172.21.yyy.xxx" <----
  HSM/FSM IP
17
18 HMCAddIPv6s = "fd0a:bb18:7987:0:42f2:
  e9ff:fe58:46ba,fe80::42f2:e9ff:fe58:46ba,fd79:32b
  2:e57:0:42f2:e9ff:fe58:46bb,fe80::42f2:e9ff:fe58:4
  6bb"
19
20 ActivePeerDomain = ""
21
22 NodeNameList = {"aix_hostname"}
```

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