

Moab

How can I setup flexlm for testing?

Issue: How can I setup flexlm for testing?

Solution:

Configuration (moab.cfg):

```
RMCFG[flexlm] RESOURCETYPE=LICENSE  
RMCFG[flexlm] TYPE=NATIVE  
RMCFG[flexlm] CLUSTERQUERYURL=file:///opt/moab/flexlm.state
```

Configuration (flexlm.state):

```
GLOBAL UPDATETIME=1104688300 STATE=idle ARES=procct:100000,stata:2,testfl  
ag:2,comsolscript:2,comsolckl:30,macromodel:1000,extmdcs:32,osumdcs:32,ansys:  
2,fluent:25,abaqus:200,cfdnd:20,ansysnd:20,abaquscae:14 CRES=procct:100000,st  
ata:2,testflag:2,comsolscript:2,comsolckl:30,macromodel:1000,extmdcs:32,osumdc  
s:32,ansys:2,fluent:25,abaqus:200,cfdnd:20,ansysnd:20,abaquscae:14
```

Note that mdiag -n -v now shows the test licences. You can now submit jobs against these licences.

```
[root@support-mpi etc]# mdiag -n  
compute node summary  
Name State Procs Memory Opsys
```

```
----- --- 0:0 0:0 -----
```

Total Nodes: 0 (Active: 0 Idle: 0 Down: 0)

```
NODE[GLOBAL] Config Res procct: 100000 stata: 2 testflag: 2 comsolscript: 2  
comsolckl: 30 macromodel: 1000 extmdcs: 32 osumdcs: 32 ansys: 2 fluent: 25  
abaqus: 200 cfdnd: 20 ansysnd: 20 abaquscae: 14
```

```
NODE[GLOBAL] Dedicated Res ---
```

```
NODE[GLOBAL] Available Res procct: 100000 stata: 2 testflag: 2 comsolscript: 2  
comsolckl: 30 macromodel: 1000 extmdcs: 32 osumdcs: 32 ansys: 2 fluent: 25  
abaqus: 200 cfdnd: 20 ansysnd: 20 abaquscae: 14
```

Documenatation: [Flexlm docs](#)

Unique solution ID: #1087

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Moab

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