

# MAM

## How can I create queue in MAM that does not require allocation?

**Issue:** How can I create queue in MAM that does not require allocation?

**Solution:**

This depends on how you want to configure policy on your cluster. If you want to base it off a class and assign a 0 charge rate to a QOS:

```
JOBCFG[open_q.min] QOS=nocharge  
JOBCFG[open_q.set] class="open_q"  
JOBMATCHCFG[interactive] JMIN=open_q.min JSET=open_q.set
```

9.x

```
mam-create-chargerate -n QualityOfService -x open_q -z *0
```

8.x

```
gmkrate -n QualityOfService -x open_q -z *0
```

If you just want to specify a charge rate to the class directly instead of the qos you can use:

9.x

```
$ $ mam-create-chargerate -n Class -x open_q -z *0
```

8.x

```
gmkrate -n Class -x open_q -z *0
```

This second method would allow you to not have to change any moab.cfg as the charge would only be tracked down in MAM and cased off the class. So all users would have to do is request the open\_q class with msub or qsub.

<http://docs.adaptivecomputing.com/9-0-1/MWM/help.htm#topics/moabWorkloadManager/topics/jobTemplates/tasks/applyingJobTemplates.htm>

<http://docs.adaptivecomputing.com/9-0-1/MWM/help.htm#topics/moabWorkloadManager/topics/jobTemplates/references/jobTemplateExtensionAttributes.htm#class>

<http://docs.adaptivecomputing.com/9-0-1/MWM/help.htm#topics/moabWorkloadManager/topics/jobTemplates/references/jobTemplateExtensionAttributes.htm#qos>

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