## **MAM**

## "Incoming MAC does not match calculated MAC"

**Issue:** When using MAM you may have problems getting Moab and MAM to talk to eachother.

**Symptom:** There will be no quotes, reservations or charges in MAM, and jobs will not be sent to a fallback account or QOS if there is one defined. There will be entries like the following in the gold logs:

2015-10-02 14:42:02.572 ERROR Gold::Exception::new Incoming MAC does not match calculated MAC at /opt/mam/lib/Gold/<u>Chunk.pm</u> line 1036 2015-10-02 14:42:02.573 ERROR Gold::Exception::new Failed authenticating message: (Incoming MAC does not match calculated MAC). at /opt/mam/lib/Gold/<u>Message.pm</u> line 835

**Solution:** The shared key between MAM and Moab got lost or changed at some point. There's a key value that's stored in /opt/mam/etc/site.conf (default location).

[root@support-benlincoln etc]# grep value /opt/mam/etc/site.conf token.value = TOj7elQDsYwSTT7QMtgneRII

The token.value in that file should match the KEY value for the MAM entry in /opt/moab/etc/moab-private.cfg (again, default location).

[root@support-benlincoln etc]# grep mam /opt/moab/etc/moab-private.cfg CLIENTCFG[AM:mam] KEY=TOj7eIQDsYwSTT7QMtgneRII AUTHTYPE=HMAC64

When Moab tries to talk to MAM it will use that key to authenticate and if it doesn't match you'll get the error as described above.

Unique solution ID: #1071

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