

Checklist for post-install testing of LAM:

Check if Login page is displayed. Login with 'admin/admin'. Ensure no error messages on login. Check each Tab/Page view. Ensure system performance is not slow. Test Import feature. Import vendors or add some. Then test adding Tools, Licenses etc. Try adding a legitimate license file and see if it is successfully parsed. Import server, daemon, port. Select features from the added license and check if the utilization statistics section shows up after a few minutes. (may need to refresh LAM to see the Utilization Table). Add a couple of licenses manually or using import feature, change their acquired/ expiry date and see if it is showing correctly in the Alerts tab. By default it shows 30 days back reports for licenses expired and 30 days forward reports, including the current date for licenses about to expire. Change the default days using Settings tab and see if it is showing the alert accordingly. Click any of the features in the UM and see if it directs you to the login screen for LM. (Login is required only once in LM.) Ensure LM displays usage metrics after login. Check Tabs. Check if clicking the 'LAM' tab takes you back to LAM (Licenses Tab view). Check if the Server and Daemon lights show up properly in LAM. Under the Settings tab, enter mail server information and check if Email alerts are set up (send Test Email). Generate Reports and ensure they are correct. Export a Report and a Screen view to Excel and make sure it is working properly. Check if the import template (Excel worksheet version) loads properly.

Checklist for testing LM after LAMLM install:

Add licenses in LAM and check the LM home page:
<http://lamlm-host:8182>

You should see:

The daemons you just added showing up as "UP" and green in the Status column, at the bottom of the home page "License Daemon Statuses", and it shows some numbers in the "Feat" column. If there are some current usage of any of the features in the daemon, you should also see some features and users in the "Current" section of the home page. If you see both the Daemon Status and Current checkouts showing up on the home page for every license daemon you added in LAM, it means everything worked and you are ready for training, and you can ignore the rest of this email.

=====

If anything is wrong, check the Alerts page. The Alerts page should start out with nothing. If there are any alerts, you should solve the problems the Alerts page complains of. Common alerts include:

1. Complaint about license.

Message like "cannot checkout out feature xxx", "RLM daemon is down", "Too many features checked out, use=NNN, max=MMM", etc.

If this is the case, make sure RLM license server is running and serving the licenses to LM correctly.

In a shell window,

```
% cd lamlm_bundle
% . ./rtda/common/etc/vovrc.sh      (for sh, bash)
% source ./rtda/common/etc/vovrc.csh (for csh, tcsh)
% rlmstat -a
```

the "rlmstat -a" should show you the license information. If it shows any error, check if you have both rlm and rtdad processes running:

```
% ps auxwww | grep rlm
% ps auxwww | grep rtdad
```

If only one of them is running or in doubt, kill the running ones and restart rlm following the instructions in the license file (license.rlm).

Also inspect the license.rlm file carefully to ensure it

- has the right features (the one complained by alerts page),
- has the right host name
- has the right host ID
- has the right expiration (still not expired yet)
- the @VOVDIR@ variable is substituted with the correct full path of \$VOVDIR.

After restarting rlm, verify the license status again with the command "rlmstat -a".

2. Complaint about "lmstat"

If it complains about something like "lmstat: command not found, no such file", etc. Ask the customer to identify a good lmstat executable (or download it from internet) and save the executable to \$VOVDIR/bin, which is under lamlm_bundle/rtda/linux/bin

3. Complaint about some failure on some tag

This is probably caused by the fact the license daemon LM is monitoring is indeed having some problems, like the daemon is down, license expired, etc. These are not really errors on the LM side. Just ask the customer to fix their license daemons or remove them from monitoring or just ignore these errors.

—

Additional checks:

If there is still something not looking right, check these things:

1. on "Admin" -> "Tasks", there should be 2 jobs for each license file added in LAM, one ends with ".info" and one with ".stat". Make sure their color is not red. The color should be either green or orange (doing the update).

2. on "Admin" -> "AuxComponents" page, make sure both "vovlmd" and "vovperiodicd" show status "OK" and green. If not, click start button to start them.

**** This previous checklist is focused on Linux. For Windows, do not worry about the "complaint about license" part. The rest should apply to LM on Windows as well.