

EUROPEAN MIDDLEWARE INITIATIVE

APEL PUBLISHER REFERENCE CARD

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2.1	01.07.2013	Add comment about permissions on /etc/apel/client.cfg	Alison Packer
2.0	12/02/2013	EMI APEL version	Will Rogers
1.0.1	18/05/2012	Reviewed, added funding notice.	Will Rogers
1.0.0	07/04/2011	First version	Cristina del Cano Novales

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1. DAEMONS RUNNING

None. The script `/usr/bin/apelclient` will run the APEL client using the configuration files specified, see below.

2. INIT SCRIPTS AND OPTIONS

None.

3. CONFIGURATION FILES

The configuration files for the APEL publisher service are located in `/etc/apel`. Each must be configured manually.

There are two different configuration files:

- APEL client configuration file: `/etc/apel/client.cfg`. This file sets up the access details to the site's MySQL database and the publisher specific configuration that defines the mode of operation. As this file includes database username and password information ensure it is not world readable.
- SSM configuration file: `/etc/apel/sender.cfg`. This file contains information about SSM's operation, i.e. the name of the queue used and the URL of the broker which the accounting records are sent to.

4. LOG FILES

Logging for the APEL publisher is done in `/var/log/apel/client.log`.

5. OPEN PORTS

No ports need to be open for incoming connections.

Ephemeral ports must be open for outgoing connections.

6. UNIT TESTING

Not currently available.

7. SERVICE STATE

There is no service state associated with APEL publisher.

8. CRON JOBS

A cron job should run the `/usr/bin/apelclient` script once per day. Here is an example:

```
# Run APEL client once daily
mm hh * * * root /usr/bin/apelclient
```

9. SECURITY INFORMATION

9.1. ACCESS CONTROL MECHANISM

In order for the APEL publisher to successfully publish records to the central APEL server, the APEL publisher node (where the APEL publisher packages are installed) must be registered in GOCDB as a “glite-APEL” node and the correct DN for the host certificate must be specified.

9.2. FIREWALL CONFIGURATION

See 5. Open Ports.

9.3. OTHER SECURITY INFORMATION

This node (if it is not co-located with other node types) should not allow access to users. Any connection other than the ones described above should be treated as suspicious.

10. UTILITY SCRIPTS

Not available.