

EUROPEAN MIDDLEWARE INITIATIVE

HYDRA SERVICE REFERENCE CARD

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EMI Component Version:	3.2.1
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TITLE

Document title

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EMI Hydra Service Reference Card

Service Reference Card (Hydra Service 3.2.1 for EMI-2)

- **Functional description:** Stores encryption key fragments over many services.
- **Services running:**
 - ◆ Java application `org.glite.data.hydra.helpers.HydraContextListener`
- **Init scripts and options:**
 - ◆ `service tomcat5 {start|stop|status|restart}`
- **Configuration files location with example:**
 - ◆ *Config directory:* `/etc/hydra-service/`
 - ◆ *Template:* `hydra example configuration file`
 - ◆ *Logging directory:* `/var/log/tomcat5/`
 - ◇ *Logging configuration:* `= XXX =`
- **Open ports:**
 - ◆ *Service port:* `* : 8443`
- **Possible unit test of the service:** None
- **Where is service state held (and can it be rebuilt):** mysql database. User name and password has been specified in the YAIM configuration file already.
- **Cron jobs:** None
- **Security information**
 - ◆ Access control mechanism (authentication & authorization):
 - ◇ Authentication: SSL/TLS client authentication on the service port
 - ◇ Authorization: Configured in the configuration file (subject DN and/or VOMS attributes)
 - ◆ How to block/ban a user
 - ◇ Not supported, except via certificate revocation
 - ◆ Network Usage
 - ◇ TCP traffic to the service port, outgoing TCP traffic to the online CA, attribute authority and possibly audit database.
 - ◆ Firewall configuration
 - ◇ The service port should be open for TCP traffic.
 - ◆ Security recommendations
 - ◆ Security incompatibilities
 - ◆ List of externals (packages are NOT maintained by Red Hat)
 - ◆ Other security relevant comments
- **Utility scripts:** None
- **Location of reference documentation for users:**
 - ◆ *Configuration:* <https://twiki.cern.ch/twiki/bin/view/EMI/HydraClientConfiguration>
 - ◆ *User Guide:* <https://twiki.cern.ch/twiki/bin/view/EGEE/DMEDS>
- **Location of reference documentation for administrators:**
 - ◆ *Configuration:* <https://twiki.cern.ch/twiki/bin/view/EMI/HydraServerConfiguration>
 - ◆ *Operation:* <https://twiki.cern.ch/twiki/bin/view/EMI/HydraServerOperation>

-- JohnWhite - 06-Jul-2012

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