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Hydra Server: Operation

Starting & Stopping the Service

The Hydra service is controlled through the standard Tomcat scripts.

```
service tomcat5 [stop|start|restart|status]
```

There are no other controls necessary. All the standard Tomcat options may be used and references found in the standard locations.

Service Information

Service Endpoints

A Hydra service presents a number of service endpoints. A Hydra service configured to have three key stores on a machine called "example01.net" will expose:

```
https://example01.net:8443/1/glite-data-hydra-service/services/Hydra
```

```
https://example01.net:8443/2/glite-data-hydra-service/services/Hydra
```

```
https://example01.net:8443/3/glite-data-hydra-service/services/Hydra
```

Logging and Logs

A Hydra service logs information to several places.

The tomcat-specific logging is sent to the standard log files:

```
/var/log/tomcat5/catalina.out
```

and

```
/var/log/tomcat5/tomcat.log
```

The keystore-specific logging is sent to:

```
/var/log/tomcat5/glite-data-hydra-service-n
```

Where "n" is the keystore instance.

The trustmanager Authentication logging is sent to:

```
/var/log/tomcat5/trustmanager.log
```

Logging levels

The logging levels may be set for the tomcat logging in the standard manner. This is not part of Hydra and is not discussed here.

The keystore-specific logging levels are set in the file:

```
/etc/hydra-service/log4j.n.properties
```

Where "n" is the keystore instance. A restart of the overall Hydra service is needed to effect the changes.

The trustmanager authentication-specific logging levels are set in the file:

```
/etc/tomcat5/log4j-trustmanager.properties
```

A restart of the overall Hydra service is needed to effect the changes.

The logging syntax follows the standard log4j style.

-- JohnWhite - 06-Jul-2012

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