

# Ticket based authentication : Installation guide

## Ticket Direct Access (to Moodle) plugin

### Installing

This plugin installs using the standard install method for moodle plugins.

- Unzip the archive in the /auth directory of your moodle installation
- Browse to *Site administration/Notification* to complete logical installation

### Enabling the plugin

Ticket based authentication needs being enabled in the *Administration > Plugins > Authentication > Manage authentication plugins* panel.

You should place this authentication at the highest possible priority for the plugin to catch any explicit "ticket" attribute in the incoming query.

### Global settings

There are only three settings for this plugin:

#### Ticket TimeGuard

This is the delay starting from ticket emission date the ticket will be valid if it has been created as a short ticket. It is given in hours.

#### Ticket Long Term TimeGuard

Same as above, but for the long tickets. It is given in days.

### Use SSL

Tickets can be encrypted using either DES or RSA encryption. RSA uses the underlying openssl libraries. It is more compatible, but sometimes not available on non ssl enabled hosting. DES uses the mysql/mariadb AES\_ENCRYPT/AES\_DECRYPT function pair, but this is not available in other DB supports.

## Credits

- Valéry Frémaux (valery@activeprolearn.com) Developments
- Florence Labord (florence@activeprolearn.com) Documentation

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