REST API Authentication

At the time of the 5.0 release, two authentication methods were supported: session, and basic. **Session based authentication** is meant to be used for AJAX operations. It will let you re-use the visitor's session to execute operations with their permissions. **Basic authentication** will be useful when writing cross-server procedures, when one server executes operations on one/several eZ Publish instances (remote publishing, maintenance, etc).

Changelog

Version	
5.0	Session and Basic support

Session based

This authentication method requires a Session cookie to be sent with the request. If this authentication method is used through a web browser, this session cookie is available as soon as your visitor logs in. Add it as a request cookie to your REST requests, and the user will be authenticated.

Setting it up

To enable session based authentication, you need to edit `ezpublish/config/security.yml`, and comment / remove the configuration block about REST

ezpublish.yml

```
ezpublish_rest:
            pattern: ^/api/ezp/v2
            stateless: true
            ezpublish_http_basic:
                realm: eZ Publish REST API
```

Logging in

It is also possible to create a session for the visitor if he isn't logged in yet. This is done by sending a **POST** request to `/user/sessions`. Logging out is done using a **DELETE** request on the same resource.

More details about this can be found in the reference documentation.

Example

Session authentication with siteaccess header

```
GET /api/ezp/v2/user/roles HTTP/1.1
Host: api.example.com
Accept: application/vnd.ez.api.RoleList+json
Cookie: eZSESSID22af645d1859cb5ca6da0c484f1f37ea=ca8123ccb543834fecd48f282a40156e
```

is_logged_in cookie
Session auth currently requires the `is_logged_in` cookie to be provided with every authenticated request. This cookie will be sent in reply to a successful session authentication.

Session authentication with siteaccess header

```
GET /api/ezp/v2/user/roles HTTP/1.1
Host: api.example.com
Accept: application/vnd.ez.api.RoleList+json
Cookie:
eZSESSID22af645d1859cb5ca6da0c484f1f37ea=ca8123ccb543834fecd48f282a40156e;
is_logged_in=true
```

More information
Session based authentication chapter of the REST specifications

Basic HTTP authentication

Basic authentication requires the password to be sent, based 64 encoded, with the request, as explained in RFC 2617.

Most HTTP client libraries as well as REST libraries, should support this method one way or another.

Raw HTTP request with basic authentication

```
GET / HTTP/1.1
Host: api.example.com
Accept: application/vnd.ez.api.Root+json
Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==
```