**SSO Identity (SiteMinder) Developer Document**

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The configuration for the API request is written to an xml file. The data of the xml file is retrieved through deserialization and stored into an object of a class named EntityConfig. The username and password provided by the user is set to that object.

The timeout for the web request is set. An HttpWebResponse is generated with the RequestURL of the EntityConfig object, and the timeout value. If the ResponseURI of the HttpWebResponse is equal to the RequestURL, an exception "please access this application by SSO." is thrown.

Data from the HttpResponse is retrieved and stored in a Dictionary. The values from the EntityConfig object are set to a data Dictionary.

An HttpPostResponse is generated with the HttpResponse, timeout value, and the Dictionary values. Cookies from the HttpPostResponse are checked to see whether the login is successful or not.

If there is cookie(s) in the HttpPostResponse, an HttpGetResponse is generated with the RequestURL of EntityConfig object, Timeout values and the cookies. If the HttpGetResponse’s URL is equal to EntityConfig object’s InfoSuccess URL then the login is successful and the Result of EntityResult is set to Success.

If there is no cookie in the HttpPostResponse that means the login is failed, and so, another HttpPostResponse is generated to find out the error information.