



SSO Link Creation for PERL

This document provides an overview of how to produce a link on a client's web site to allow users to be passed to Edvance360 already authenticated, Single Sign On (SSO). This is a general overview and changes can be made at the time of integration to allow for additional parameters being passed, use of custom domain name, etc.

Parameters

<https://v8.edvance360.com/api/sso/login.php>

GET Parameters

- AccountId - 123
- UserId – this can be either the username or userId that you send us
- Time – Unix Timestamp
- Sig – short for signature

The signature is the base64 encoded, hashed with the secret key string that is a concatenation of the accountId, userId, and Time.

Example

Below is an example of creating the link using PHP, while any language can be used, you must make sure that the values of the resulting signature string match the output in PHP as that is what is being compared at execution on the server:

```
#####  
# Security Key provided by Edvance360  
#####  
$E360_KEY = 12345;  
  
#####  
# College ID provided by Edvance360  
#####  
$E360_CID = $EDVANCE_ID;  
  
$E360_USERID = $MY_USER_TRANSPORT_KEY;  
$E360_TIME = time();  
$E360_SIGNATURE_STRING = $E360_CID . $E360_USERID . $E360_TIME;  
  
use Digest::SHA qw(hmac_sha256_base64);  
$E360_SIGNATURE = hmac_sha256_base64($E360_SIGNATURE_STRING, $E360_KEY);  
  
$E360_SSO_URL = 'https://v8.edvance360.com/api/sso/login.php?AccountId=' . $E360_CID . '&UserId='  
. $E360_USERID . '&Time=' . $E360_TIME . '&Sig=' . $E360_SIGNATURE . '=';
```

The Signature String: 1231234561479474900

The Signature for the URL Param: kFzHDzNKmlOE0jANal7IDTyEcb5OWKbSmaWdbhE49IM%3D

The Signed URL is:

<https://v8.edvance360.com/api/sso/login.php?AccountId=123&UserId=123456&Time=1479474900&Sig=kFzHDzNKmlOE0jANal7IDTyEcb5OWKbSmaWdbhE49IM%3D>