

Introduction

Ex Libris Alma (“Alma”) is a companion service for Ex Libris Primo (“Primo”) for print, electronic and digital collections hosted by Ex Libris. General information about both services can be found at:

<http://www.exlibrisgroup.com/category/PrimoOverview>

and

<http://www.exlibrisgroup.com/category/AlmaOverview>

Users

Users for Alma are the same as for Primo, though at this time only those setup by your campus Library staff can use Alma.

Provisioning

Primo and Alma do not support just-in-time provisioning – all users must be pre-provisioned using a process between your campus and Ex Libris.

The same provisioning process for Primo is used for Alma, so if your campus has completed provisioning for Primo it is also completed from Alma as well.

Authentication Requirements

Like Primo, Alma supports SAML authentication and a Service Provider (SP) for each campus has been registered with the InCommon Federation. Entity IDs for Alma Service Providers for CSU campuses are:

Campus	Entity ID
Bakersfield	https://csu-bakersfield.alma.exlibrisgroup.com/mng/login
Chancellor’s Office	https://csu-network.alma.exlibrisgroup.com/mng/login
Channel Islands	https://csu-ci.alma.exlibrisgroup.com/mng/login
Chico	https://csu-chico.alma.exlibrisgroup.com/mng/login
Dominguez Hills	https://csu-dh.alma.exlibrisgroup.com/mng/login
East Bay	https://csu-eastbay.alma.exlibrisgroup.com/mng/login
Fresno	https://csu-fresnostate.alma.exlibrisgroup.com/mng/login
Fullerton	https://csu-fullerton.alma.exlibrisgroup.com/mng/login
Humboldt	https://csu-humboldt.alma.exlibrisgroup.com/mng/login
Long Beach	https://csu-lb.alma.exlibrisgroup.com/mng/login
Los Angeles	https://csu-la.alma.exlibrisgroup.com/mng/login
Maritime Academy	https://csu-maritime.alma.exlibrisgroup.com/mng/login
Monterey Bay	https://csu-mb.alma.exlibrisgroup.com/mng/login
Moss Landing Marine Labs	https://csu-mlml.alma.exlibrisgroup.com/mng/login
Northridge	https://csu-un.alma.exlibrisgroup.com/mng/login
Pomona	https://csu-cpp.alma.exlibrisgroup.com/mng/login
Sacramento	https://csu-csus.alma.exlibrisgroup.com/mng/login
San Bernardino	https://csu-sb.alma.exlibrisgroup.com/mng/login
San Diego	https://csu-sdsu.alma.exlibrisgroup.com/mng/login

Ex Libris Alma SAML Guide for CSU Identity Providers

Campus	Entity ID
San Francisco	https://csu-sfsu.alma.exlibrisgroup.com/mng/login
San Jose	https://csu-sjsu.alma.exlibrisgroup.com/mng/login
San Luis Obispo	https://csu-calpoly.alma.exlibrisgroup.com/mng/login
San Marcos	https://csu-csusm.alma.exlibrisgroup.com/mng/login
Sonoma	https://csu-sonoma.alma.exlibrisgroup.com/mng/login
Stanislaus	https://csu-stan.alma.exlibrisgroup.com/mng/login

Because user profiles are shared, the attribute requirements for Alma is the same as for Primo. If you already configured your campus Identity Provider (IdP) for Primo, the only change required is to use the same policy for the Alma SP. The easiest way to do that is to use modify your existing Primo policy to add Alma to it.

Here is a sample Shibboleth IdP attribute release policy for the Chancellor's Office Primo and Alma instances using calstateEduPersonEmplID as the unique identifier:

```
<!-- ExLibris Primo and Alma -->
<afp:AttributeFilterPolicy id="exlibris-primo-alma">
  <!-- Primo and Alma SPs -->
  <afp:PolicyRequirementRule xsi:type="basic:OR">
    <basic:Rule xsi:type="AttributeRequesterString" value="https://calstate-
primoprod.hosted.exlibrisgroup.com/primo_library/libweb/01CALIS_CO"/>
    <basic:Rule xsi:type="AttributeRequesterString" value="https://csu-
network.alma.exlibrisgroup.com/mng/login"/>
  </afp:PolicyRequirementRule>
  <!-- release calstateEduPersonEmplID -->
  <afp:AttributeRule attributeID="calstateEduPersonEmplID">
    <afp:PermitValueRule xsi:type="basic:ANY" />
  </afp:AttributeRule>
</afp:AttributeFilterPolicy>
```

Setup Process

Setting up your campus IdP basically should use the follow process:

1. Verify that your campus is already setup for Ex Libris Primo.
2. Modify your IdP configuration to use an identical policy for Alma as it does for Primo.
3. Contact the Chancellor's Office Library Services to have them enable SAML authentication for your Alma instance. If your IdP is not registered with the InCommon Federation, please let the Library Services team know this so that the appropriate SAML trust information can be configured for your campus.
4. The Chancellor's Office will inform you when your campus Alma instance has been reconfigured for SAML Single Sign On. You can then perform a test.

NOTE: Ex Libris may ask you to setup a test identity for them so someone on their technical support staff can assist with troubleshooting. It is not required, but you may find it easier to setup a temporary identity for the technical support person you are working with.

Ex Libris Alma SAML Guide for CSU Identity Providers

Testing

To verify that your IdP is correctly configured, you can perform the following test:

0. Ensure that the identity that you will use for testing has been provisioned in Ex Libris Primo and Alma. Please note you may see an authorization error when logging in if your profile has not been assigned any roles within Alma. Your campus Library staff can assist you with this.
1. From your web browser visit the test URL for your campus (see the table below). Click the login link.
2. You should be redirected to your campus IdP for authentication. Complete as per your campus Identity Provider requirements.
3. If there are no errors authenticating, retrieving attributes and releasing them from your IdP, you should be redirected to the Alma home page and your name should appear in the upper right corner of the web page. If you see an authorization error message instead, check with your campus Library staff to see if the test account you are using has been authorized for login.

If you need assistance with your configuration or troubleshooting SAML-related issues, please contact the CO Identity Management group at IAMAdmin@calstate.edu.

Campus	Test URL
Bakersfield	https://csu-bakersfield.alma.exlibrisgroup.com/SAML
Chancellor's Office	https://csu-network.alma.exlibrisgroup.com/SAML
Channel Islands	https://csu-ci.alma.exlibrisgroup.com/SAML
Chico	https://csu-chico.alma.exlibrisgroup.com/SAML
Dominguez Hills	https://csu-dh.alma.exlibrisgroup.com/SAML
East Bay	https://csu-eastbay.alma.exlibrisgroup.com/SAML
Fresno	https://csu-fresnostate.alma.exlibrisgroup.com/SAML
Fullerton	https://csu-fullerton.alma.exlibrisgroup.com/SAML
Humboldt	https://csu-humboldt.alma.exlibrisgroup.com/SAML
Long Beach	https://csu-lb.alma.exlibrisgroup.com/SAML
Los Angeles	https://csu-la.alma.exlibrisgroup.com/SAML
Maritime Academy	https://csu-maritime.alma.exlibrisgroup.com/SAML
Monterey Bay	https://csu-mb.alma.exlibrisgroup.com/SAML
Moss Landing Marine Labs	https://csu-mlml.alma.exlibrisgroup.com/SAML
Northridge	https://csu-un.alma.exlibrisgroup.com/SAML
Pomona	https://csu-cpp.alma.exlibrisgroup.com/SAML
Sacramento	https://csu-csus.alma.exlibrisgroup.com/SAML
San Bernardino	https://csu-sb.alma.exlibrisgroup.com/SAML
San Diego	https://csu-sdsu.alma.exlibrisgroup.com/SAML
San Francisco	https://csu-sfsu.alma.exlibrisgroup.com/SAML
San Jose	https://csu-sjsu.alma.exlibrisgroup.com/SAML
San Luis Obispo	https://csu-calpoly.alma.exlibrisgroup.com/SAML
San Marcos	https://csu-csusm.alma.exlibrisgroup.com/SAML
Sonoma	https://csu-sonoma.alma.exlibrisgroup.com/SAML
Stanislaus	https://csu-stan.alma.exlibrisgroup.com/SAML