

Introduction

Ex Libris is moving to a new version of Primo, which is intended for use by all faculty and students in your campus to search for library content. However, in 2021 both the old and new Primo systems will be run in parallel.

Users

As mentioned in the introduction section, Primo is to be made available for all students and faculty at your campus.

Provisioning

Primo does not support just-in-time provisioning – however, users have already been pre-provisioned using an existing process between your campus and Ex Libris.

Authentication Requirements

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

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

Ex Libris Primo SAML Guide for CSU Identity Providers

The attribute requirements for Alma, Primo (old) and Primo (new) are the same, so in the original deployment it was recommended to use a single attribute release policy for both Alma and Primo. Since the new Primo service is to be run in parallel with the old Primo service in 2021, the easiest way to integrate your SAML IdP with the new Primo service is simply to add the new EntityID to the existing Policy Requirement Rule.

Here is a sample Shibboleth IdP attribute release policy for the old Primo, new Primo and Alma instances using calstateEduPersonEmplID as the unique identifier:

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

Please note the above attribute release policy is an example; the actual attribute release policy for your campus will need to use the appropriate Entity IDs and attribute ID for your campus.

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 allow attribute release to the new Primo service for your campus.
3. Contact the Chancellor's Office Library Services to have them enable SAML authentication for your new campus Primo 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 new campus Primo instance has been reconfigured for SAML Single Sign On. You can then perform a test.

Ex Libris Primo 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.
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 Primo home page and your name should appear in the upper right corner of the web page.

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.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$UBA:01CAL\$UBA&lang=en
Channel Islands	https://csu-ci.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$UCI:01CAL\$UCI&lang=en
Chico	https://csu-chico.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$CHI:01CAL\$CHI&lang=en
Dominguez Hills	https://csu-dh.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$UDH:01CAL\$UDH&lang=en
East Bay	https://csu-eastbay.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$UHL:01CAL\$UHL&lang=en
Fresno	https://csu-fresnostate.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$UFR:01CAL\$UFR&lang=en
Fullerton	https://csu-fullerton.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$FUL:01CAL\$FUL&lang=en
Humboldt	https://csu-humboldt.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$HUL:01CAL\$HUL&lang=en
Long Beach	https://csu-lb.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$ULB:01CAL\$ULB&lang=en
Los Angeles	https://csu-la.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$ULA:01CAL\$ULA&lang=en
Maritime Academy	https://csu-maritime.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$MAL:01CAL\$MAL&lang=en
Monterey Bay	https://csu-mb.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$UMB:01CAL\$UMB&lang=en
Moss Landing Marine Labs	https://csu-mlml.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$MLM:01CAL\$MLM&lang=en
Northridge	https://csu-un.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$UNO:01CAL\$UNO&lang=en
Pomona	https://csu-cpp.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$PUP:01CAL\$PUP&lang=en
Sacramento	https://csu-csus.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$USL:01CAL\$USL&lang=en
San Bernardino	https://csu-sb.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$USB:01CAL\$USB&lang=en
San Diego	https://csu-sdsu.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$SDL:01CAL\$SDL&lang=en
San Francisco	https://csu-sfsu.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$SFR:01CAL\$SFR&lang=en
San Jose	https://csu-sjsu.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$SJO:01CAL\$SJO&lang=en
San Luis Obispo	https://csu-calpoly.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$PSU:01CAL\$PSU&lang=en
San Marcos	https://csu-csusm.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$USM:01CAL\$USM&lang=en
Sonoma	https://csu-sonoma.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$SOL:01CAL\$SOL&lang=en
Stanislaus	https://csu-stan.primo.exlibrisgroup.com/discovery/search?vid=01CAL\$UST:01CAL\$UST&lang=en