

Kaltura MediaSpace™ SAML Integration Guide

Version: 5.22

Kaltura Business Headquarters

250 Park Avenue South, 10th floor New York, NY. 10003, USA

Tel.: +1 800 871 5224

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Preface

This preface contains the following topics:

- [About this Guide](#)
- [Audience](#)
- [Document Conventions](#)
- [Related Documentation](#)

About this Guide

This guide describes how to configure the [Security Assertion Markup Language \(SAML\)](#) module in Kaltura MediaSpace™ (KMS) Version 4.x and 5.x.



NOTE: Please refer to the official and latest product release notes for last-minute updates. Technical support may be obtained directly from: [Kaltura Customer Care](#).

Contact Us:

Please send your documentation-related comments and feedback or report mistakes to knowledge@kaltura.com.

We are committed to improving our documentation and your feedback is important to us.

Audience

This guide is intended for Kaltura partners, community members, and customers who want to understand and configure SAML authentication and authorization in MediaSpace.

To understand this information, you need to be familiar with SAML, authentication and authorization terminology.

Document Conventions

Kaltura uses the following admonitions:

- Note
- Workflow



NOTE: Identifies important information that contains helpful suggestions.



Workflow: Provides workflow information.

1. Step 1
2. Step 2

Related Documentation

In addition to this guide, the following product documentation is available:

- [Kaltura MediaSpace](#)
- [Kaltura MediaSpace Setup Guide](#)
- [Kaltura MediaSpace: Introduction to Authentication and Authorization Solutions](#)



NOTE: Please remember to review all product [release notes](#) for known issues and limitations.

Understanding SAML Implementation in Kaltura MediaSpace

SAML authentication in MediaSpace enables users to log into MediaSpace using their credentials from an organizational SAML based Identity Provider. A user does not require an additional set of credentials for MediaSpace.

When MediaSpace is configured to authenticate using SAML, other authentication methods are disabled.



NOTE: The MediaSpace SAML module supports SAML 2.0. Older Identity Providers that work with SAML 1.0 or SAML 1.1 are not supported by this module.

Understanding SAML Authorization in MediaSpace

A user's *application role* determines the MediaSpace actions that the user is authorized to do. When SAML is used for authorization in MediaSpace, the user's application role is based on membership in organizational groups and specific attribute in the [SAML response](#). The organizational groups are managed in the organization's Identity Provider.

To learn more about the MediaSpace application role, refer to Understanding Application Roles in the [Kaltura MediaSpace Setup Guide](#).

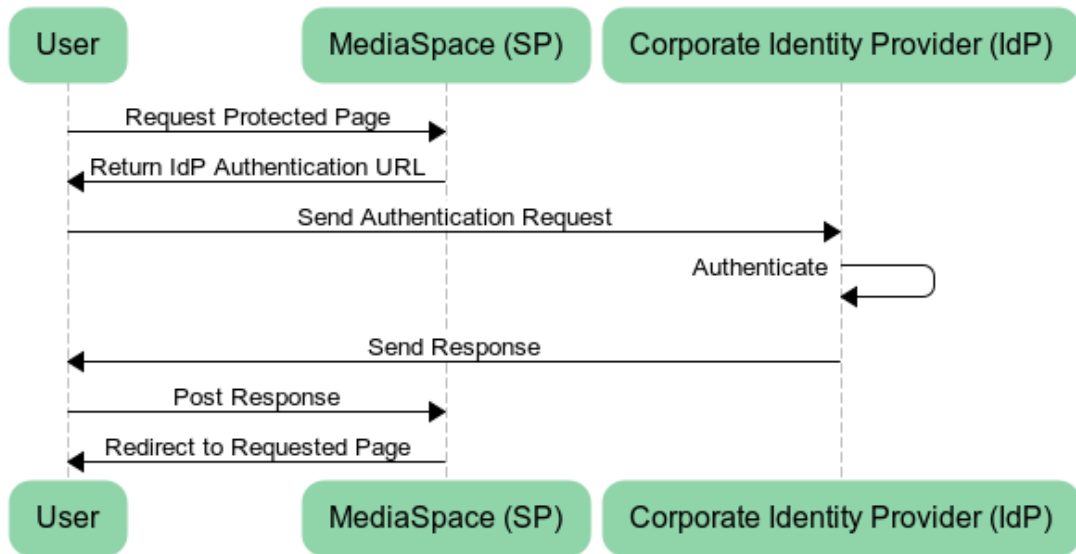
Understanding the SAML Authentication Flow

There are two types of SAML authentication:

- [Service Provider Initiated Authentication](#)
- [Identity Provider \(IdP\) Initiated Authentication](#)

Service Provider Initiated Authentication

In this workflow the user attempts to access a resource on MediaSpace that requires authentication. MediaSpace, the Service Provider ("SP") sends an authentication request to the Identity Provider ("IdP"). Both the request and the response are sent through the users' browser via HTTP Get.

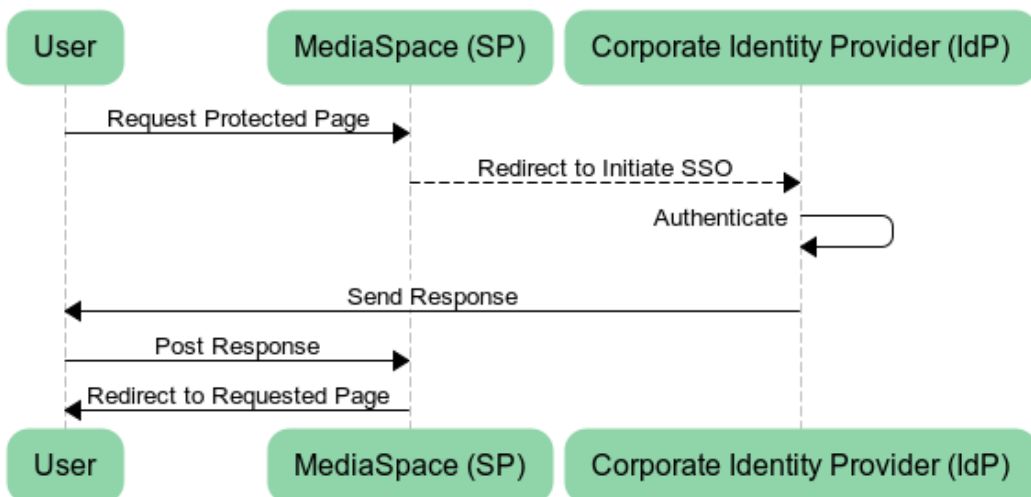


Processing Steps:

1. The user requests access to a MediaSpace page that requires authentication.
2. MediaSpace builds a request and the user’s browser sends it to the IdP to handle the authentication.
3. On a successful authentication, The IDP returns an HTML form to the browser with a [SAML response](#). The browser automatically posts the HTML form back to MediaSpace
4. MediaSpace redirects the user to the requested page.

Identity Provider (IdP) Initiated Authentication

In this workflow the entries process is handled by the Identity Provider. MediaSpace will redirect the user to an external URL that handles the authentication and redirects the user back to MediaSpace.





Processing Steps:

1. The user requests access to a MediaSpace page that requires authentication.
2. MediaSpace redirects the user to a URL on the IdP to handle authentication.
3. On a successful authentication, the IDP returns an HTML form to the browser with a [SAML response](#). The browser automatically posts the HTML form back to MediaSpace
4. MediaSpace redirects the user to the requested page

Understanding the SAML Authorization Flow

Depending on your MediaSpace SAML configuration, MediaSpace queries attributes in the SAML response to determine the MediaSpace application role of the authenticated user. You can define a default role for authenticated users and map specific attributes and values to a MediaSpace role in the SAML module configuration.

Configuring SAML in MediaSpace

This section describes the IdP Metadata Details and provides information on how to set up the SAML module for SP initiated and IdP initiated configurations.

Identity Provider (IdP) Metadata Details

The following information about the Identity Provider is required to be able to configure the MediaSpace SAML module:

MediaSpace domain	
SAML Authentication Mode Select one	<input type="checkbox"/> IdP Initiated <input type="checkbox"/> SP Initiated
If IdP Initiated is used: What is the query string key for the <i>RelayState</i> Parameter?	
IdP Metadata XML	
Login URL (optional, if not specified in the IdP metadata)	
Logout URL (optional, if not specified in the IdP metadata)	
Host Name of IdP (optional, if not specified in the IdP metadata)	
IdP Issuer Name (optional, if not specified in the IdP metadata)	
IdP Name (optional, if not specified in the IdP metadata)	
IdP Certificate (optional, if not specified in the IdP metadata)	
Is SAML response encryption required?	
Example of SAML XML Response (optional)	
SAML2 Attribute name where the <i>User ID</i> is taken from Note: A persistent and unique user ID for each authenticated user is required. This user ID is used when the user uploads media, comments on media etc. Without this, the user will not be identified properly in MediaSpace.	
SAML2 Attribute name where the <i>First Name</i> is taken from Note: If this information cannot be provided, the display name will be built from the User ID.	

Configuring SAML in MediaSpace

<p>SAML2 Attribute name where the <i>Last Name</i> is taken from</p> <p>Note: If this information cannot be provided, the display name will be built from the User ID</p>	
<p>SAML2 Attribute name where the <i>Email</i> is taken from</p> <p>Note: If this information cannot be provided you will not be able to use email notification functionality in MediaSpace.</p>	
<p>Default MediaSpace role for authenticated users</p> <p>Select one:</p>	<p><input type="checkbox"/> viewerRole – User can browse public galleries, is not authorized to upload new content, and does not have a My Media page.</p> <p><input type="checkbox"/> privateOnlyRole – User can upload content to My Media, cannot publish to galleries, and can add media to channels according to entitlements.</p> <p><input type="checkbox"/> adminRole - User can upload content and publish to all galleries.</p> <p><input type="checkbox"/> unmoderatedAdminRole – User can upload content and bypass moderation (when moderation is enabled for an account)</p>
<p>If you can map MediaSpace roles to groups / attributes in the IdP, provide for each group / role the following</p>	<p>SAML2 Attribute Name:</p> <p>SAML Attribute Value:</p> <p>MediaSpace Role:</p>
<p>Provide credentials that can be used to test the configuration. It is best to provide one credential per role.</p> <p>If credentials are not provided we will not be able to test the configuration and authentication.</p>	

The following is an **example** of the metadata provided by the IdP with the information that should be used:

SAML 2.0 IdP Metadata

Here is the metadata that simpleSAML.php has generated for you. You may send this metadata document to trusted partners to setup a trusted federation.

You can get the metadata xml on a dedicated URL:

```
https://openidp.feide.no/simplesaml/saml2/idp/metadata.php
```

Metadata

In SAML 2.0 Metadata XML format:

```
<?xml version="1.0"?>
<md:EntityDescriptor xmlns:md="urn:oasis:names:tc:SAML:2.0:metadata" xmlns:ds="http://www.w3.org/2000/09/xmldsig#" entityID="https://openidp.feide.no">
  <md:IDPSSODescriptor protocolSupportEnumeration="urn:oasis:names:tc:SAML:2.0:protocol">
    <md:KeyDescriptor use="signing">
      <ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
        <ds:X509Data>
          <ds:X509Certificate>MIICizCCAFQCCQCY8tKaMc0BMjANBgkqhkiG9w0BAQUFADCBITELMAKGA1UEBhMCTk8xEjAQBGNVBAgTCVRyb25kaGVpbTEQMA4GA1UEChMHVU5JTkVUVDEOMAwGA1UECjA...
        </ds:X509Data>
      </ds:KeyInfo>
    </md:KeyDescriptor>
    <md:KeyDescriptor use="encryption">
      <ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
        <ds:X509Data>
          <ds:X509Certificate>MIICizCCAFQCCQCY8tKaMc0BMjANBgkqhkiG9w0BAQUFADCBITELMAKGA1UEBhMCTk8xEjAQBGNVBAgTCVRyb25kaGVpbTEQMA4GA1UEChMHVU5JTkVUVDEOMAwGA1UECjA...
        </ds:X509Data>
      </ds:KeyInfo>
    </md:KeyDescriptor>
    <md:SingleLogoutService Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-Redirect" Location="https://openidp.feide.no/simplesaml/saml2/idp/SingleLogoutService.php">
    <md:NameIDFormat urn:oasis:names:tc:SAML:2.0:nameid-format:transient</md:NameIDFormat>
    <md:SingleSignOnService Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-Redirect" Location="https://openidp.feide.no/simplesaml/saml2/idp/SSOService.php">
    </md:IDPSSODescriptor>
    <md:ContactPerson contactType="technical">
      <md:GivenName>Feide</md:GivenName>
      <md:SurName>support</md:SurName>
      <md:EmailAddress>support@feide.no</md:EmailAddress>
    </md:ContactPerson>
  </md:EntityDescriptor>
```

In simpleSAML.php flat file format - use this if you are using a simpleSAML.php entity on the other side:

```
$metadata['https://openidp.feide.no'] = array (
  'metadata-set' => 'saml20-idp-remote',
  'entityid' => 'https://openidp.feide.no',
  'SingleSignOnService' =>
  array (
    0 =>
    array (
      'Binding' => 'urn:oasis:names:tc:SAML:2.0:bindings:HTTP-Redirect',
      'Location' => 'https://openidp.feide.no/simplesaml/saml2/idp/SSOService.php',
    ),
  ),
  'SingleLogoutService' => 'https://openidp.feide.no/simplesaml/saml2/idp/SingleLogoutService.php',
  'certData' => 'MIICizCCAFQCCQCY8tKaMc0BMjANBgkqhkiG9w0BAQUFADCBITELMAKGA1UEBhMCTk8xEjAQBGNVBAgTCVRyb25kaGVpbTEQMA4GA1UEChMHVU5JTkVUVDEOMAwGA1UECjA...MFRmVpZGUxOTg=',
  'NameIDFormat' => 'urn:oasis:names:tc:SAML:2.0:nameid-format:transient',
);
```

Certificates

Download the X509 certificates as PEM-encoded files.

- idp.crt

SAML Authentication Configuration Steps

Perform the following steps to setup the SAML module both for SP initiated and IdP initiated configurations. Parameters that are relevant or different between methods are noted as such.

Before you begin:

Make sure that sslSettings is enabled (set to “All site”) in the Auth tab (within the MediaSpace admin). SAML authentication will not work if MediaSpace is working over HTTP or if the sslSettings is set to “Login only” .

 **To setup the SAML module for SP initiated and IdP initiated configurations.**

1. In the SAML module configuration, select **Yes** to enable the SAML module.
2. Enter values for the following:

Parameter	Description
loginRedirectUrl	The URL where the user will be redirected when authentication is required. For SP Initiated it would be a URL where the request is posted. For IdP initiated a URL with the entity ID as a parameter. <ul style="list-style-type: none"> • SP Initiated Example: https://idp.example.com/identity

Parameter	Description
	<ul style="list-style-type: none"> IdP Initiated Example: https://idp.example.com/identity/UnsolicitedSSO?entityID=mediaspaceentityID
logoutRedirectUrl	<p>The URL where the user will be redirected when logging out from MediaSpace.</p> <p>NOTE: On logout, MediaSpace will always expire the MediaSpace session and then optionally redirect the user to this URL. MediaSpace does not expire login session from the identity provider.</p>
relayStateUrlParam	<p>The parameter <u>name</u> that the IdP uses to pass the URL to redirect the user back after a successful login. This defines the default place to redirect the user to in case it is not passed as part of request. For example for PingFederate it would be <i>TARGET</i>. For other SAML providers it is typically <i>RelayState</i>.</p>
enableMetadataEndPoint	<p>Customers that require a standard XML response that exposes the metadata configured on the Service Provider side, can use this configuration. This will expose the configured parameters of the SAML module through the following URL: http://[MediaSpace Server]/saml/index/sp-metadata</p>
useInternalLogoutPage	<p>If set to “Yes” logout will expire the MediaSpace session and display message to user but will not redirect to IdP logout page. For example:</p> <div style="background-color: #ffffcc; padding: 5px; border: 1px solid #ccc;"> <p>You have signed out from MediaSpace. For improved security, we recommend that you close all browser windows at the end of your online session.</p> </div>
logoutText	<p>If useInternalLogoutPage is set to Yes you can define a custom message to users. You can use HTML tags to display a message.</p>

3. Complete the following values in the *spMetadata* section:

Parameter	Description
name	<p>The entity ID of the service provider (MediaSpace) as it was configured in your Identity Provider. For example: https://partner_id.mediaspace.kaltura.com (this will be used as the SP entity ID).</p>
host	<p>The host of the MediaSpace instance. For example: partner_id.mediaspace.kaltura.com.</p> <p>NOTE: The host may be configured only with a single URL per KMS instance. If you are using your own alias for MediaSpace (for example: video.company.com) you should use that alias.</p>
relayState	<p>The value for the relative URL to redirect the user after login if a relay state is not passed as part of the authentication request. The default is “/”.</p>
certificate – (optional)	<p>When encryption is required for the SAML response, enter the certificate information. Paste the content of the crt file without the comments line. See Generating a Certificate Workflow.</p> <p>NOTE: You should paste the content without the 2 comment lines (----BEGIN... and ----END...)</p> <p>All text should be in a single line with no spaces, so remove all the breaklines in the generated file</p> <p>The certificate value is used to encrypt the response provided by the IdP. The following example shows how the crt file would look including the comment lines and the extra line breaks that should be removed:</p>

lastNameAttribute	Example: urn:oid:2.5.4.4	No
emailAttribute	Example: urn:oid:0.9.2342.19200300.100.1.3	No

- In the **defaultRole** section, select the default role that should be assigned to each user that is authenticated.



NOTE: You can configure the option to retrieve the role of the user from the Identity Provider through the *Auth* → *refreshRoleOnLogin* every time a user logs in. This option allows you also, to define a default role for all users and then manually override the role through the MediaSpace user management section.

- In the **roleAttributes** section, map individual groups and values that are returned in the SAML response to a MediaSpace role. In the following example the SAML response will be parsed to find an attribute named *group*. If the attribute is found in the assertion and its value is student, the user will get the *privateOnlyRole*.

roleAttributes

Map attribute values to KMS roles.

* **DELETE**

attribute	<input type="text" value="group"/>	SAML attribute Name
value	<input type="text" value="student"/>	SAML attribute value
role	<input type="text" value="privateOnlyRole"/>	Mapped KMS role



NOTE: If more than one attribute value is found (a user belongs to multiple groups) the user will be mapped to the role that was defined in the last *roleAttribute* found.

- In the **blockAuthorizationAttributes** (optional) map individual groups and values that are returned in the SAML response and should lead to unauthorizing an authenticated user from using MediaSpace.
- The **unauthorizedBehavior** is applicable only if the *blockAuthorizationAttributes* is used. If *usersuseInternalUnauthorizedPage* is in use (set to 'yes') you can optionally set the text to be presented to the unauthorized user. If *usersuseInternalUnauthorizedPage* is not used, you can specify the URL where the user will be redirected to.
- Click on **Save** to apply the settings.
- From the MediaSpace Configuration Management, Go to the *Auth* module.
For SP Initiated configuration enter:
 - Saml_Model_SplInitiated* in the *authNAdapter* text box and click **Add custom value**
 - Saml_Model_SplInitiated* in the *authZAdapter* text box and click **Add custom value**

Auth

demoMode

authNAdapter

authZAdapter

For IdP Initiated configuration enter:

- *Saml_Model_IdpInitiated* in the *authNAdapter* text box and click **Add custom value**
- *Saml_Model_IdpInitiated* in the *authZAdapter* text box and click **Add custom value**

12. Click on **Save** to save the settings.

The Identity Provider should be configured accordingly to support authentication requests from MediaSpace.

Example Configuration Using TestIDP (SimpleSAMLphp)

The following example shows a configuration using TestIDP (SimpleSAMLphp)

<https://openidp.feide.no>:

Metadata Editor

Name and description		SAML 2.0
EntityID	<input type="text" value="damian.mediaspace.kaltura.com"/>	
Name of service	<input type="text" value="http://damian.mediaspace.kaltura.com/"/>	
Description of service	<input type="text" value="Damian's Kaltura MediaSpace"/>	
Owner	drochman@rnd.feide.no	
Last updated	8. April 2013, 16:37	
Expire	Not set	

The following shows the URLs that should be configured for authentication and logout:

Metadata Editor

Name and description		SAML 2.0
AssertionConsumerService endpoint	<input type="text" value="http://damian.mediaspace.kaltura.com/user/authenticate"/>	
SingleLogoutService endpoint	<input type="text" value="http://damian.mediaspace.kaltura.com/user/logout"/>	

Generating a Certificate Workflow



From Linux:

1. From a Linux or a Mac Terminal window execute the following command:

```
openssl req -new -x509 -days 3652 -nodes -out example.org.crt -
newkey rsa:2048 -keyout example.org.pem
```

2. You will be prompted by the command line to enter additional data. Make sure to enter the name you used to generate the key for Common Name. In this example example.org. The following shows an example of the output screen:

```
>openssl req -new -x509 -days 3652 -nodes -out example.org.crt -
newkey rsa:2048 -keyout example.org.pem
Generating a 2048 bit RSA private key
.....+++
.....+++
writing new private key to 'example.org.pem'
-----
You are about to be asked to enter information that will be
incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished
Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:US
State or Province Name (full name) [Some-State]:New York
Locality Name (eg, city) []:New York
Organization Name (eg, company) [Internet Widgits Pty
Ltd]:Kaltura
Organizational Unit Name (eg, section) []:
Common Name (e.g. server FQDN or YOUR name) []:example.org
Email Address []:
```

From Windows:

- Use [OpenSSL](#). After downloading and extracting the package, execute the following from a command line in the extracted folder:

```
req -new -x509 -days 3652 -nodes -config
c:\openssl\openssl.cnf -out example.org.crt -keyout
example.org.pem
```

Both suggested options will generate two files:

- example.org.crt – This is the certificate containing the public key.
- example.org.pem – This is the private key. Please note that this file must be protected.

SAML Response Example

```
<samlp:Response xmlns:samlp="urn:oasis:names:tc:SAML:2.0:protocol"
xmlns:saml="urn:oasis:names:tc:SAML:2.0:assertion"
ID="_3ab056b68b199b976b49198cfa6b9e28b0317c4c6a" Version="2.0" IssueInstant="2013-04-
24T08:51:16Z" Destination="http://damian.mediaspace.kaltura.com/user/authenticate"
InResponseTo="_8d32fa51f5ef2b70fe6d619000c5aedb143bfb937c">
  <saml:Issuer>https://openidp.feide.no</saml:Issuer>
  <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
    <ds:SignedInfo>
      <ds:CanonicalizationMethod
Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#" />
      <ds:SignatureMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1" />
```


Configuring SAML in MediaSpace

```
<ds:X509Certificate>MIIICizCCAfQCCQCY8tKaMc0BMjANBgkqhkiG9w0BAQUFADCBiTELMAkGA1UEBhMCTk8xEjAQBg
NVBAGTCVRYb25kaGVpbTEQMA4GA1UEChMHVU5JTkvVUVDEOMAwGA1UECxMFRmVpZGUXGTAXBgNVBAMTEG9wZW5pZHAuZmVp
ZGUubm8xKTAnBgkqhkiG9w0BCQEWGmFuZlZlYXNjYXN5YmVpZlZlYXNjYXN5YmVpZlZlYXNjYXN5YmVpZlZlYXNjYXN5
kyMzA5MjI0FowGyKxCzAJBgNVBAYTAk5PMRIwEAYDVQQIEWlUcm9uZGhlaW0xEDAOBgNVBAoTBlVOSU5FVFQxDjAMBgNV
BAsTBUZlaWRlMRkwFwYDVQQDEExBvcGVuaWRwLmZlaWRlLm5vMSkwJWYJKoZIhvcNAQkBFhphbmRyZWZzLnNvbGJlcmdAdW
5pbmV0dC5ubzCBnzANBgkqhkiG9w0BAQEFAAOBjQAwGyKCyGEAt8jLoqI1VtLxAZ2axiDIThWcAOXdu8KkVUWaN/SooO9O
0QQ7KRUjSGKN9JK65AFRDxQkWPau4Hln04noYlFSLnYyDxI66LCr71x4lgFJjqLeAvB/GqBqFfIz3YK/NrhnUqFwZu63nL
rZjcUZxNaPjOOSRSDaXpvlkb5k3jOisGECaWEAATANBgkqhkiG9w0BAQUFAAOBgQBQYj4cAafWafjBU2zilElwStIaJ5n
yp/s/8B8SAPK2T79McMyccP3wSW13LHkmM1jwKe3ACFXBvqGQN0IbcH49hu0FKhYFM/GPDJcIHFBSiyMBXChpye9vBaTNE
BCTU3KjjyG0hRT2mAQ9h+bkPmOvlEo/aH0xR68Z9hw4PF13w==</ds:X509Certificate>
      </ds:X509Data>
    </ds:KeyInfo>
  </ds:Signature>
  <saml:Subject>
    <saml:NameID
      SPNameQualifier="damian.mediaspace.kultura.com" Format="urn:oasis:names:tc:SAML:2.0:nameid-
      format:transient">_18d5ad80174e8498d0703c9f5b1976566a50704f9f</saml:NameID>
    <saml:SubjectConfirmation
      Method="urn:oasis:names:tc:SAML:2.0:cm:bearer">
      <saml:SubjectConfirmationData
        NotOnOrAfter="2013-04-24T08:56:16Z"
        Recipient="http://damian.mediaspace.kultura.com/user/authenticate"
        InResponseTo="_8d32fa51f5ef2b70fe6d619000c5aedb143bfb937c"/>
      </saml:SubjectConfirmation>
    </saml:Subject>
    <saml:Conditions NotBefore="2013-04-24T08:50:46Z"
      NotOnOrAfter="2013-04-24T08:56:16Z">
      <saml:AudienceRestriction>
        <saml:Audience>damian.mediaspace.kultura.com</saml:Audience>
      </saml:AudienceRestriction>
    </saml:Conditions>
    <saml:AuthnStatement AuthnInstant="2013-04-24T08:51:16Z"
      SessionNotOnOrAfter="2013-04-24T16:51:16Z"
      SessionIndex="_2b2053d785ab116b42ca5e57a9e9a7a40ff1673895">
      <saml:AuthnContext>
        <saml:AuthnContextClassRef>urn:oasis:names:tc:SAML:2.0:ac:classes:Password</saml:AuthnContextC
        lassRef>
      </saml:AuthnContext>
    </saml:AuthnStatement>
    <saml:AttributeStatement>
      <saml:Attribute Name="uid"
        NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
        <saml:AttributeValue
          xsi:type="xs:string">roman-kreichman</saml:AttributeValue>
        </saml:Attribute>
      <saml:Attribute Name="givenName"
        NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
        <saml:AttributeValue
          xsi:type="xs:string">Roman</saml:AttributeValue>
        </saml:Attribute>
      <saml:Attribute Name="sn"
        NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
        <saml:AttributeValue
          xsi:type="xs:string">Kreichman</saml:AttributeValue>
        </saml:Attribute>
      <saml:Attribute Name="cn"
        NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
        <saml:AttributeValue
          xsi:type="xs:string">Roman Kreichman</saml:AttributeValue>
        </saml:Attribute>
      <saml:Attribute Name="mail"
        NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
        <saml:AttributeValue
          xsi:type="xs:string">roman.kreichman@kultura.com</saml:AttributeValue>
        </saml:Attribute>
      <saml:Attribute Name="eduPersonPrincipalName"

```

Configuring SAML in MediaSpace

```
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml:AttributeValue
xsi:type="xs:string">roman-kreichman@rnd.feide.no</saml:AttributeValue>
    </saml:Attribute>
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