generate-saml-logout-request

Definition

- This operation allows to generate a SAML logout request to be sent to a IdP supporting SAML Global Logout, including Soffid IdP.

URL

- <console-domain>/webservice/federation/rest/generate-saml-logout-request

Method

- POST

Headers

- Accept = “application/json”
- Content-Type = “application/json”

Authentication

- Use an account with **federation:serviceProvider** permission

Request *(URL parameter)*

- user → Id of the user to log out
- force → set to false if you want to give a chance to the end user to abort logout process. Set to true otherwise.
- backChannel → set to true if you want to send the logout process via SOAP to the identity provider. Set to false if you want to send the logout process using a Redirect or HTML Form. The later allows interaction between the end user and the identity provider.
- serviceProviderName → service provider that notifies user logout

- identityProvider → identity provider to send the logout request

Response *(JSON)*

- parameters → parameters to send to identity provider.
  - RelayState → identifier of the request id
  - SAMLRequest → encoded SAML request
- method → method to use: urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST, urn:oasis:names:tc:SAML:2.0:bindings:HTTP-Redirect or urn:oasis:names:tc:SAML:2.0:bindings:SOAP
- url → url where to send the request

Samples

Sample request


```
{
   "user": "my-id",
   "force": true,
   "backChannel": false,
   "serviceProviderName":"my-identity-provider",
   "identityProvider":"http://idp.soffid.com"
}
```


Sample response


```
{
   "url":"https://idp.soffid.com/SAML/SLO/SOAPBinding",
   "method":"urn:oasis:names:tc:SAML:2.0:bindings:SOAP",
   "parameters": {
      "RelayState":"_523866242f943b4c63234dc8942ffc2f08cea03aa129a4e2",
      "SAMLResponse": "PD94bWwgdmVyc2lvbj0iMS4wIiBlbmNvZGluZz0iVVRGLTgiPz48c2FtbDJ...."
   }
}
```


Sample redirect method made by service provider (urn:oasis:names:tc:SAML:2.0:bindings:HTTP-Redirect method)


```
HTTP/1.1 302 Found
Location:
https://idp.soffid.com/SAML/SLO/RedirectBinding?RelayState=_523866242f943b4c63234dc8942ffc2f08cea03aa1
```

```
29a4e2&SAMLRequest=PD94bWwgdmVyc2lvbj0iMS4wIiBlbmNvZGluZz0iVVRGLTgiPz48c2FtbDJ....
```

Sample html form made by service provider (urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST method)

```
<html>
   <body onLoad="document.forms[0].submit();">
      <form action="https://idp.soffid.com/SAML/SLO/PostBinding">
         <input type="hidden" name="RelayState"
value="_523866242f943b4c63234dc8942ffc2f08cea03aa129a4e2"/>
         <input type="hidden" name="SAMLRequest"
value="PD94bWwgdmVyc2lvbj0iMS4wIiBlbmNvZGluZz0iVVRGLTgiPz48c2FtbDJ..."/>
      </form>
   </body>
</html>
```

Sample SOAP request (urn:oasis:names:tc:SAML:2.0:bindings:SOAP method). Service provader decodes SAMLRequest, and includes it in a SOAP message.

```
POST /SAML/SLO/SoapBinding HTTP/1.1
Host: idp.soffid.com
Content-Type: text/xml
Content-Length: ....
SOAPAction: http://www.oasis-open.org/committees/security

<SOAP-ENV:Envelope xmlns:SOAP-ENV=”http://schemas.xmlsoap.org/soap/envelope/”>
 <SOAP-ENV:Body>
   <samlp:LogoutRequest xmlns:samlp="urn:oasis:names:tc:SAML:2.0:protocol"
xmlns="urn:oasis:names:tc:SAML:2.0:assertion" ID="d2b7c388cec36fa7c39c28fd298644a8"
IssueInstant="2004-01-21T19:00:49Z" Version="2.0">
     <Issuer>your-identity-provider</Issuer>
     <NameID Format="urn:oasis:names:tc:SAML:2.0:nameidformat:persistent">005a06e0-ad82-110d-a556-
004005b13a2b</NameID>
     <samlp:SessionIndex>1</samlp:SessionIndex>
   </samlp:LogoutRequest>
 </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Revision #3
Created 27 September 2021 14:13:27

Updated 21 June 2022 14:51:21