Ejemplos de peticiones SAML en Cl@ve 2

Es importante señalar que en Cl@ve 2 no existe campo específico para indicar la aplicación. Para poder seguir haciendo uso de la funcionalidad y conocer la aplicación concreta que realiza la petición, se ha optado por adjuntar el nombre de la aplicación al ProviderName con un punto y coma.

Petición básica:

<saml2p:AuthnRequest xmlns:saml2p="urn:oasis:names:tc:SAML:2.0:protocol" xmlns:ds="http://www.w3.org/2000/09/xmldsig#" xmlns:eidas="http://eidas.europa.eu/saml-extensions" xmlns:eidas-natural="http://eidas.europa.eu/attributes/naturalperson" xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion" AssertionConsumerServiceURL="https://pre-pasarela.clave.gob.es/SP2/ReturnPage" Consent="urn:oasis:names:tc:SAML:2.0:consent:unspecified" Destination="https://se-pasarela.clave.gob.es/Proxy2/ServiceProvider" ForceAuthn="false" ID="_r1LZ7loli5ZpGJtb6avNQiVvGFX1qgenzkP6v--cWHCNZBIcjn8EtHe4l2xB1E_" IsPassive="false" IssueInstant="2018-07-30T07:32:22.571Z" ProviderName="**S2833002E_E04975701;Demo-SP**" Version="2.0">
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</saml2p:AuthnRequest>
```

Respuesta:

El usuario ha seleccionado autenticación por certificado y la respuesta contiene la respuesta de @firma (PartialAfirma) codificada en base64.

```
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xmlns:saml2p="urn:oasis:names:tc:SAML:2.0:protocol" xmlns:xs="http://www.w3.org/2001/XMLSchema" Consent="urn:oasis:names:tc:SAML:2.0:consent:obtained"
Destination="https://pre-pasarela.clave.gob.es/SP2/ReturnPage" ID="_2ZSY8het_wB1hQNM88p4DMJp3rDkTs6K6ZVKEwxAP_K_tEG5_v81wAd-whFfDmp"
InResponseTo="_gwMfqp9X7c-w1PLigz4mHE-XX7LvR095CVwOKfXLCuOqM45xMJOLiKAe2IZEKIX" IssueInstant="2018-07-30T07:36:37.315Z" Version="2.0">
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</saml2:Attribute>
</saml2:AttributeStatement>
</saml2:Assertion>
</saml2p:Response>

Petición de Logout:

<saml2p:LogoutRequest xmlns:saml2p="urn:oasis:names:tc:SAML:2.0:protocol" xmlns:ds="http://www.w3.org/2000/09/xmldsig#" xmlns:eidas="http://eidas.europa.eu/saml-extensions" xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion" ID="_Jh5pjuhKEHA3.rpUsXsMks2iCEY89FpSvMnkQ2nI7eRpdkBp5XihOn0IF5bmJ6K" IssueInstant="2018-07-30T07:36:38.905Z" NotOnOrAfter="2018-07-30T07:41:38.905Z" Reason="urn:oasis:names:tc:SAML:2.0:logout:user" Version="2.0">
<saml2:Issuer>https://pre-pasarela.clave.gob.es/SP2/ReturnPage</saml2:Issuer>
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<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha512"/>
<ds:Reference URI="#_Jh5pjuhKEHA3.rpUsXsMks2iCEY89FpSvMnkQ2nI7eRpdkBp5XihOn0IF5bmJ6K">
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</ds:Signature>
<saml2:NameID Format="urn:oasis:names:tc:SAML:1.1:nameid-format:unspecified" SPNameQualifier="https://pre-pasarela.clave.gob.es/SP2/ReturnPage">S2833002E_E04975701</saml2:NameID>
</saml2p:LogoutRequest>

Respuesta de Logout:

<saml2p:LogoutResponse xmlns:saml2p="urn:oasis:names:tc:SAML:2.0:protocol" Destination="https://pre-pasarela.clave.gob.es/SP2/ReturnPage"
ID="_kZenp01iEN2R9qFRebPJo8Ml2aCh1UdzT014JUoryLDDFZL18jJ_zZHMd_ekge-"
InResponseTo="_Jh5pjuhKEHA3.rpUsXsMks2iCEY89FpSvMnkQ2nI7eRpdkBp5XihOn0IF5bmJ6K" IssueInstant="2018-07-30T07:44:56.824Z" Version="2.0">
<saml2:Issuer xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion">Cl@ve</saml2:Issuer>
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<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha512"/>
<ds:Reference URI="#_kZenp01iEN2R9qFRebPJo8Ml2aCh1UdzT014JUoryLDDFZL18jJ_zZHMd_ekge-">
<ds:Transforms>
<ds:Transform Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature"/>
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<saml2p:StatusMessage>urn:oasis:names:tc:SAML:2.0:status:Success</saml2p:StatusMessage>
</saml2p:Status>
</saml2p:LogoutResponse>

Petición en la que se fuerza la autenticación y se solicita nivel de autenticación sustancial:

<saml2p:AuthnRequest xmlns:saml2p="urn:oasis:names:tc:SAML:2.0:protocol" xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:eidas="http://eidas.europa.eu/saml-extensions" xmlns:eidas-natural="http://eidas.europa.eu/attributes/naturalperson"
xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion" AssertionConsumerServiceURL="https://pre-pasarela.clave.gob.es/SP2/ReturnPage"
Consent="urn:oasis:names:tc:SAML:2.0:consent:unspecified" Destination="https://se-pasarela.clave.gob.es/Proxy2/ServiceProvider" **ForceAuthn="true"**
ID="_7DIou7RTk.E399EKnDHwU5qyRQJVBe1rxUapR58yGxE3.hR9ai7vvGhqz_1_v8_" IsPassive="false" IssueInstant="2018-07-30T07:48:10.528Z"
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```
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            </saml2p:Extensions>
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            <saml2p:RequestedAuthnContext Comparison="minimum">
                <saml2:AuthnContextClassRef>http://eidas.europa.eu/LoA/substantial</saml2:AuthnContextClassRef>
            </saml2p:RequestedAuthnContext>
</saml2p:AuthnRequest>
```

Petición en la que se deshabilita Cl@ve PIN y Cl@ve Permanente

Las opciones de IdPs a deshabilitar son: AFirmaIdP, GISSIdP, AEATIdP,EIDASIdP

```
<saml2p:AuthnRequest xmlns:saml2p="urn:oasis:names:tc:SAML:2.0:protocol" xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:eidas="http://eidas.europa.eu/saml-extensions" xmlns:eidas-natural="http://eidas.europa.eu/attributes/naturalperson"
xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion" AssertionConsumerServiceURL="https://pre-pasarela.clave.gob.es/SP2/ReturnPage"
Consent="urn:oasis:names:tc:SAML:2.0:consent:unspecified" Destination="https://se-pasarela.clave.gob.es/Proxy2/ServiceProvider" ForceAuthn="false"
ID="_1Lna33QBXQg03AicM4djdvO4L8tMBqBOrLrNwikY5ymCxJFNijFkEqPtO6nttJo" IsPassive="false" IssueInstant="2018-07-30T08:02:40.462Z"
ProviderName="S2833002E_E04975701;Demo-SP" Version="2.0">
        <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/2001/04/xmldsig-more#rsa-sha512"/>
                <ds:Reference URI="#_1Lna33QBXQg03AicM4djdvO4L8tMBqBOrLrNwikY5ymCxJFNijFkEqPtO6nttJo">
                    <ds:Transforms>
                        <ds:Transform Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature"/>
                        <ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
                            <ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="eidas-natural"/>
                        </ds:Transform>
```

```
                    </ds:Transforms>
                    <ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha512"/>

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                </ds:Reference>
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</saml2p:Extensions>
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<saml2p:RequestedAuthnContext Comparison="minimum">
<saml2:AuthnContextClassRef>http://eidas.europa.eu/LoA/low</saml2:AuthnContextClassRef>
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