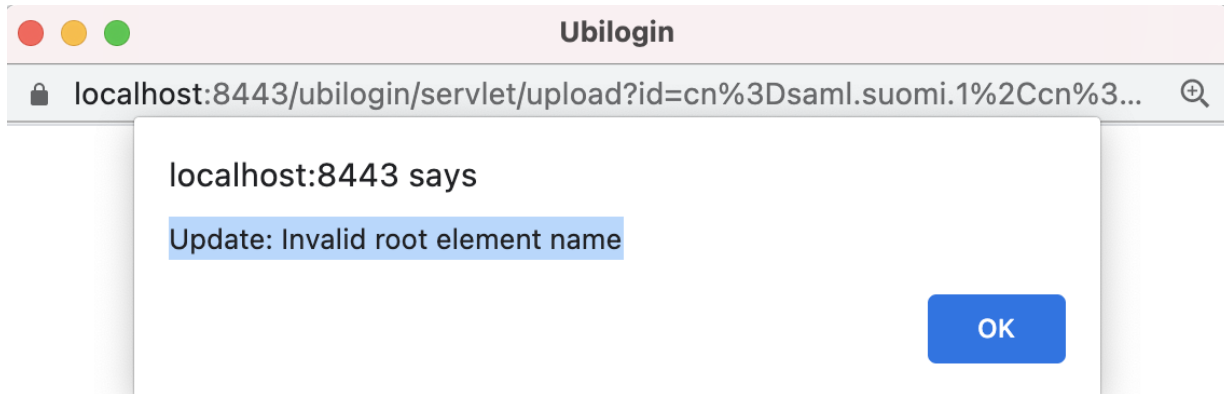


Update SAML metadata that include multiple SAML entities

When trying to update SAML metadata that include multiple entities, described in the metadata.xml as `<EntitiesDescriptor>` you might observe the following error in SSO Management UI.



The reason is that Ubisecure SSO is unable to read multiple entities and some changes are needed to the metadata.xml in order to be able to update it to the SSO Management UI. Below we have described the lines needed to be altered to have valid metadata that Ubisecure SSO can read.

In this example we are using [Suomi.fi updated SAML metadata](#) to take into use `uusi.tunnistus.fi/idp1` entityID. After these modifications you should be able to update the modified metadata.xml to SSO Management UI and start using the new keys and endpoints published by [Suomi.fi](#).

Example of updated SAML idp-metadata.xml, below is explained in more details which parts have been changed:

Updated idp-metadata.xml (should only be used as reference)

```
<EntityDescriptor xmlns="urn:oasis:names:tc:SAML:2.0:metadata" xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:mdui="urn:oasis:names:tc:SAML:metadata:ui" entityID="https://uusi.tunnistus.fi/idp1">
  <ds:Signature>
    <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-sha256" />
      <ds:Reference URI="">
        <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#" />
        </ds:Transforms>
        <ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmllenc#sha256" />
        <ds:DigestValue>HMby+xyC7RC5lv93sz7gwTmnB2eqsxU5TH6xkRE6Ik8=</ds:DigestValue>
      </ds:Reference>
    </ds:SignedInfo>
    <ds:SignatureValue> VDqebgmS8daJ0bvtN4d0mI6wUOfVRNu/jxshhMbkhcIN+696He6KRk0TmL7pORGZJ8xxUuLUcWF kMTgAnvdLPv
/szXXp6KHV9+aVgzaO8+2lMQnfEHynSqdXNcBj49VxPrA83F00bEyaw/d4hlYJYly AcuvOweA00dLPpwIUrGcAWcx6pL+GD
/vTEFD9QbcYd8JXX0IGBIkaY3IUUoZRIJapF48HjIs92FW
xw1+do55aDqZBYt1jbHFCZxAqT+tm4I3Q120iLafXttJ3CWFLWhRXHVQI2z+MTV3DP/SvgZKpU8I
cLVWoeTL2KwqU6sdrOCTPgHjMvfrhQ8tkI0PJg== </ds:SignatureValue>
    <ds:KeyInfo>
      <ds:KeyValue>
        <ds:RSAKeyValue>
          <ds:Modulus> 1gbNsNL6gUqTFPPaoOvGLNq5U1bpbPHYftPN0rAyfJgZ7vNpmAnd6f0f6DqwaDUra4saGyww4ZuS
AjxWZcrRHEvDwNDSavquUbfwE2DuFwKC+iCh5vJX95ooNy1A6J9Jt0DePzpdXStecRpuN+Yscr1T
6U7jfsCRCgJLoFGZh98lXa6AuwXPRmcreJBmfAc8MemFelwhI+T/5A11++9XtMcT09YBzJi9lPcE
tpCiv5cCMimUHHZ5vOLEtaBR2FA5bqT20xwr0ugktt0VUn+yCulfhTUFf6SORRupQxRyD2OV20eP JQJxKi
/th20rJLJXhcWzauyirf1T5J4AscLXGQ== </ds:Modulus>
          <ds:Exponent>AQAB</ds:Exponent>
        </ds:RSAKeyValue>
      </ds:KeyValue>
    </ds:KeyInfo>
    <ds:X509Data>
      <ds:X509Certificate> MIIghTCCBG2gAwIBAgISBwAAAXb64N5W6JBNCmQhtbOYMA0GCSqGSIb3DQEBwUw
MHGxCzAJBgNVBAYTAKZJMSEwHwYDVQQKEWhWYVZzdG9yZWtpc3Rlcm1rZXNrdXMg
Q0ExGjAYBgNVBAAsTEVhbHhZ5vOLEtaBR2FA5bqT20xwr0ugktt0VUn+yCulfhTUFf6SORRupQxRyD2OV20eP JQJxKi
```

```
Zm9yIFNlcnZpY2UgUHJvdmkzZXJzIC0gRzZmWWhcNMjEwMTBzMDkwMDAwWhcNMjMw
MTEzZm9yIFNlcnZpY2UgUHJvdmkzZXJzIC0gRzZmWWhcNMjEwMTBzMDkwMDAwWhcNMjMw
BgNVBAcMEhlbHNpbnRpdmpMSQWIGYyYVQvQkQkBTBtEaWdpLSBqYSB2YWVzdG90aWV0b3Zp
cmFzdG8xeJAJQBgNVBAUTCTAAYNDU0MzctMjEjEsMCoGALUEAwwjbbW0YWRhDGEtC21n
bmLuZy50dW5uaXN0dXN0dXN0dXN0dXN0dXN0dXN0dXN0dXN0dXN0dXN0dXN0dXN0dXN0dX
ggEKAoIBAQDWBs2w0vqBSpMU89gq68Ys2r1SVuls8dgW083SsDjF8mBnu82mYcd3p /R/OoBoNStrixobLDDhm5ICPFZlytEcS8PA0Oxq+q5Rt
/ATYOS/AoL6IKHm81f3 mig3KUDon0m3QN4/Ol3FK15xGm435ixyvVPpTuN+wJEKAKugUzmH3yVdroc7DE9G ZxEQkGZ8Bzwx6YV7XCEj5P
/kCXX77le0xxPTlGHmM2U9wS2kKk/lwIyKZQcdnm8 4sSl0fHYUD1upPY7HCvS6CS23RVsf7IK6V+FNQV/pi5FG61DFHINK5XY5481AnEq
L+2HbSsks1eFxbNq7KKt/VPkngCxwsZdAgMBAAGjggHkMIIB4DAfBgNVHSMEGDAW
gBR1BOgtkufLKqtXFahlKqr6txZ09 jAdBgNVHQ4EFgQUZLJUEEN5aPKLbWZVj8pvH 7GmMw4AwDgYDVR0PAQH
/BAQDAGbAMIHxHgNVHSAEGc8wgCwCAyGBACpegEhMIG/ BgkqgXaEBQEKIgeWgbEwJwYIKwYBBQUHAEGW2h0dHA6Ly93d3cuZmluZWlkLmZp
L2NwczMzLzCBhQYIKwYBBQUHAgiIweRp3VmfYbWVubmVwb2xpdGla2thIG9uIHhh
YXRhdmlsbGEgLSBDZXM0aWZpa2F0IHbvbGljZSBmaW51ucyAtIENlcnRpZmljYXRl
IHbvbGljZSBpcyBhdmdmFpbfibGUGaHR0cDovL3d3dy5maW51aWQuZmkyY3BzMzMw DwYDVR0TAQH
/BAUwAwEBADA3BgNVHREMDAUMCygKqAoHiZodHRwOi8vcHJveHku
ZmluZWlkLmZpL2Nybc2cmtzcDNjLmNybdBqBggrBgEFBQcBAQREMFwwMAYIKwYB
BQUHMAKGGJH0dHA6Ly9wcm94eS5maW51aWQuZmkyY2EvdnJrc3AzLmNyZDBoBggr
BgEFBQcwAYYcaHR0cDovL29j3AuZmluZWlkLmZpL3Zya3NwMzANBgkqhkiG9w0B
AQAoFAAOCAGEAS8FOx5HnWpxusEsbX2CphhdVurzjKlk+kEotnL9T3EQ7h9B98Z Q2SWl6q3G
/2i2g2mbglzQW8ASMRgybIU8zrDBrlWpOwrc+9AapW6EoyuRsyH2Ib 3urP9kQfql/h2/F09RPEqH3
//TsvNYIyles7KrHHlxvZm5XlKl+2ubHyeAxdZcWO ktM7piGoucQwP0kDCybQ+3sGIW4m4FYEldE+Hu5fHuhf7FQbhlEfmPhiGT2J61W4t
5DnrMg0m8g+7K9zEbg670geaQkP9KUrlyWwKffWfOaID6vDfP8M4Z9SWGwFkyF0t
SLCluQRGTHe7IyrJbhVwacikiCaLpzTo7ESl8mvJ6rCUTShwoJHP5gkpnZLXyBT Ny7fnLWNlNvsPYQrubMSY5K0vkaNLid/Mo
/EZfJulakz09AvAwPbIXNR0gzSZeLX mlPk6e0s/olXpN4sIWO+0gbVrM4xmy+IeBxqi+I/h7evdHwa3rqqWezlgS+CoYqMn 8Rqn7Q
/Iz+psIICgSB/rwKvcmmclDzpzH6/H8gKWE0902uw0Ju3Ur3O54Cxfzlp SBCKCBTPnpsgBzEsY5tFUEhWv0Lb
/IDo0jpiVi0NEIr7RUAEdleoAfKosP9Gx0817 hu0wEmoanns9fkZ3CZd8c6XHWSrvKGSNY91G9SPH+fchLcRhx4vSbnk= </ds:
X509Certificate>
</ds:X509Data>
</ds:KeyInfo>
</ds:Signature>
<IDPSSODescriptor WantAuthnRequestsSigned="true" protocolSupportEnumeration="urn:oasis:names:tc:SAML:2.0:
protocol">
<Extensions>
<mdui:UIInfo>
<mdui:DisplayName xml:lang="fi">Suomi.fi-tunnistus</mdui:DisplayName>
<mdui:DisplayName xml:lang="en">Suomi.fi-identification</mdui:DisplayName>
<mdui:DisplayName xml:lang="sv">Suomi.fi-identifikation</mdui:DisplayName>
<mdui:Description xml:lang="fi">Suomi.fi-tunnistus</mdui:Description>
<mdui:Description xml:lang="en">Suomi.fi-identification</mdui:Description>
<mdui:Description xml:lang="sv">Suomi.fi-identifikation</mdui:Description>
<mdui:Logo height="70" width="752">https://tunnistaminen.suomi.fi/resources/img/logo_fi.svg</mdui:Logo>
</mdui:UIInfo>
</Extensions>
<KeyDescriptor use="signing">
<ds:KeyInfo>
<ds:X509Data>
<ds:X509Certificate> MIIG/DCCBOSgAwIBAgISBwAAAXVfzV4S7D1jRKP8ubm/MA0GCSqGSIb3DQEBCwUA
MHgx CzAjbG9VNBAYTAKZJMSEWhwYDVQKKEhWYVWzdzG9yZWtpc3R1cm1rZXNrdXMG
Q0ExGjAjbG9VNBAsTEVhbHhZlbnHv2YXJtZW50ZWV0MSowKAYDVQDEYFwUksgQ0Bq
Zm9yIFNlcnZpY2UgUHJvdmkzZXJzIC0gRzZmWWhcNMjEwMTBzMDkwMDAwWhcNMjMw
MDIyMjA1OTU5WjCBkTTElMAkGALUEBhMCRkxkEDA0BgNVBAGMBOZJTkxkBTkQxETAP
BgNVBAcMEhlbHNpbnRpdmpMSQWIGYyYVQvQkQkBTBtEaWdpLSBqYSB2YWVzdG90aWV0b3Zp
cmFzdG8xeJAJQBgNVBAUTCTAAYNDU0MzctMjEjEjMCEGALUEAwwaWRwLnR1bm5pc3Rh
bWluZW4uc2VvbWkuZmkwggEiMA0GCSqGSIsb3DQEBAQUAA4IBjwAwggGKAoIBQCv
1FwwW2Q73bIsbPvrzxF9n3MK8/2dQge89c63S/dANmz
/Yj0RAZyZrkd7EWelmzRQ SrsXesS3gl4gNgJzZDcpiywi0FGggDVILlZGvNIDWqh6SYc05NH7UT9ouKtiVFHe
Eo59aMQ9rUaerCoNEpeeYxbsU83daQkF1OH0W8V/94IUyac9mLDPD5FOUCAY0Kxy
HeuppNufCEGSYIsKqd0w4CNE+wuPRCDTuGv+I8nIHwC75aadFpacgGt0OXm7D3N
0BaBnyke0nrYmbqY+e1Vp10eADHrKokKwFOXKl6Y6eNYMx2MmwFTPOnMxSN50cQO
DOIrVxUvuH9+lrYyOfFtyiH6wF6NkmY jUh2yNkwMtv20SGMy3CG2nf6d1KFwDXQ
zB5nU0e5YfTWFoQWR5NrWVEVCPtN+PVTzBNp8U1+880+RP+aooWkv9+dt1ViwkEf
KRvyAGSWPI8uX8z4+76PmHi0ZLswrHNGdB63xJ+wzxdmXg9BD4qHZ65j9ANBT8C
AwEAAaOC AeQwggHGMBA1UdIwQYMBaAFGUE6C2S58sqq1cVqGUqqvq3FnT2MB0G
A1UdDgQBbTRhXY0Ah5dkNaYdSoWOKWHS9yLjAOBgNVHQ8BAF8EBBAMCBAwAgdCG
A1UdIASBzCBzDAIBgYEA196AQcwgB8GCSqBdoQFAQoiATCBsTANBggrBgEFBQcC
ARYbaHR0cDovL3d3dy5maW51aWQuZmkyY3BzMzMwMmVMIgFBggrBgEFBQcCAjB5GndW
YXJtZW5uZXBvbG10aWlra2Eg824gc2FhdGF2awx5YSAtIENlcnRpZmlrYXQvZm9s
aWN5IGZpbm5zIC0gQ2VydG1maWNhdGUgcG9saWN5IGlzIGF2YW1sYjYsZSBSodHRw
Oi8vd3d3LmZpbnVpZC5maS9jchMzMEAPBgNVHRMBAF8EBTADAQEAMDCGALUDHwQw
MC4wLkAqocCiGjmh0dHA6Ly9wcm94eS5maW51aWQuZmkyY3J3L3Zya3NwM2MuY3J3
MGOcCCsGAQUFBwEBBF4wXDAwBggrBgEFBQcwoAoYkaHR0cDovL3Byb3h5LmZpbnVp
ZC5maS9jYS92cmtzcDmuY3J30MCgGCSqGSIb3DQEBAhhxodHRwOi8vb2NzcC5maW51
```


SLCluQRGTHE7lyrJbhVwacikiCaLpzT07ESI8mvJ6rCUTShwoJHP5gkpnZLXybT Ny7fnLWNINvsPYQrubMSY5KOVkaNLid/Mo
/EZfju1akzO9AvAwPblXNR0gzSZeLX mlPk6e0s/o1XpN4sIWO+0gbVrM4xmy+IeBxqi+l/h7evdHwa3rqVwez1gs+CoYqMn 8Rqn7Q/lz+pslICgSB
/rwkVcmmclzdppzh6/H8gkVWE0902uwoJ3UrR3O54Cxfzlp SBCkCBtNpsgBzEsY5tFUehWw0Lb/IDo0jpiVi0NEI7RUaED1eoAtKosP9Gx0817
hu0wEmoansnf9kZ3CZd8c6XHWsrVKGsNY9IG9SPH+FchLcRHx4vSbnk= </ds:X509Certificate>
</ds:X509Data>
</ds:KeyInfo>
</ds:Signature>
<EntityDescriptor entityID="https://uusi.tunnistus.fi/idp1">
<IDPSSODDescriptor WantAuthnRequestsSigned="true" protocolSupportEnumeration="urn:oasis:names:tc:SAML:2.0:protocol">
<Extensions>
<mdui:UllInfo>
<mdui:DisplayName xml:lang="fi">Suomi.fi-tunnistus</mdui:DisplayName>
<mdui:DisplayName xml:lang="en">Suomi.fi-identification</mdui:DisplayName>
<mdui:DisplayName xml:lang="sv">Suomi.fi-identifikation</mdui:DisplayName>
<mdui:Description xml:lang="fi">Suomi.fi-tunnistus</mdui:Description>
<mdui:Description xml:lang="en">Suomi.fi-identification</mdui:Description>
<mdui:Description xml:lang="sv">Suomi.fi-identifikation</mdui:Description>
<mdui:Logo height="70" width="752">https://tunnistaminen.suomi.fi/resources/img/logo_fi.svg</mdui:Logo>
</mdui:UllInfo>
</Extensions>
<KeyDescriptor use="signing">
<ds:KeyInfo>
<ds:X509Data>
<ds:X509Certificate> MIIG/DCCBOSgAwIBAgISBwAAAXVfzV4S7D1jRKP8ubm/MA0GCSqGSIb3DQEBCwUA
MHgx CzAJBgNVBAYTAkZJNSEwHwYDVQQKEWhwYVZvdG9yZWtpc3RlcmRlZXNrdXMG
Q0ExGjAYBgNVBAAsTEVhbnZlbnV2YXJtZW50ZWV0MSowKAYD VQDEYFwUksgQ0Eg
Zm9yIFNlcnZpY2UgUHJvdmlkZXJzIzC0gRzMrHcNMjAxMDIyMjEwMDAwWhcNMjAx
MDIyMjEwMDUwUjBkTElMAkGA1UEBhMCRkxkEDAOBgNVBAGYMB0ZJTkxETAP
BgNVBAcMCEhbnHnNpbmtPMSQwIjEwYVZvdG9yZWtpc3RlcmRlZXNrdXMG
cmFzdG8xZjEjAQBgNVBAUTCAyNDU0MzctMjEwMDUwUjBkTElMAkGA1UEAwaaWRwLnR1bm5pc3Rh
bWluZW4uc3VvbWkuZmkwGgGIA0GCSqGSIb3DQEBAQUAA4BjAwggGKAoIBGQCv IFwmW2Q73blsbPvrzxF9n3MK8/2dQge89c63S/dANmz
Eo59aMQ9rUaerCoNeEpeeYxbsU83dAQkF1OH0W8V/94IUyAc9mLDPD5FOUcAY0Kxy
HeuppNuFCESYIsKqd0wU4CNE+wuPRCDTUGv+I8nlHwC75aaDFpacgGt0OXm7D3N
0BaBnyke0nrYMbqY+e1VpiOeADHrKokKwfoXkL6Y6eNymX2MwuFTPOmXSN50cQO
DOIrvXuVuh9+rYYOvFtyiH6wF6NkmYjU2yNkwMtv20SGMy3CG2nfm6DIKfWDXQ
zB5nUOe5YfTWFoQWR5NrwVEVCpTN+PVTzBNp8UI+880+RP+ao0Wkv9+dt1ViwkEf
KRvyAGSvWPI8uX8z4+76PmHi0ZLSwrHNNGdB63xJ+wzxdmXg9BD4qHZ65j9ANBT8C
AwEAAaOC AeqwggHgMB8GA1UdIwQYMBaAFGUE6C2S58sq1cVqGUqqvq3FnT2MB0G
A1UdDgQWBBTRhXy0A5hdKNaYdSoWOKWHCS9yLjAOBgNVHQ8BAf8EBAMCBsAwgdcG
A1UdIASBzCBzDAIBgYEAI96AQCwgb8GCSqGSIb3DQEBAQoiATCBsTAnBggrBgEFBQcC
ARYbaHR0cDovL3d3dy5maW5laWQuZmkvY3ZzYzY3ZmMmMIGFBGgrBgEFBQcCAjB5GndW
YXJtZW5uZXBvbGloaWVra2Egb24gc2FhdGF2aWxsYSAtIENlcnRpZmlrYXQgcG9s
aWN5IGZpbm5lZC0gQ2VydGlnaWNhdGUgcG9saWN5IGZlZGF2YWlsYWJsZSBodHRw
Oi8vd3d3LmZpbmVpZC5maS9jCHMzMzAPBgNVHRMBAf8EBTADAQEAMDCGA1UdHwQW
MC4wLkQaQ0ciGmH0dHA6Ly9wcm94eS5maW5laWQuZmkvY3ZzY3ZmMmM2MuY3Js
MGoGCCsGAQUFBwEBBF4wXDAwBggrBgEFBQcwoAkaHR0cDovL3B5b3h5LmZpbmVp
ZC5maS9jYS92cmZzdmUy3J0MCGCCsGAQUFBzABhhxodHRwOi8vb2Nzc5maW5la
WQuZmkvdnJrc3AzMA0GCSqGSIb3DQEBCwUA4ICAQCvP0rBbewVj0k53+SbH1WD Jj8dR
xuoBURxZX5Gt
/nKNVbkgp6dMEBwqkGVM65p709SN33ilqu0RaZsCTBcv2x AzFFbQgG2FsiessuDaGjlc2sFQ/G/1gerM1uazMGEBVRSMNc9sBTdnv4WSAr8X+
mgfClqCr1tZDduSNZ2IloXjZP0sAQ4gulCe5nKuKsdWbikkwNAuA/XUvnjRHNS df451po9xP0Dvk0y2QqOnp37vVo60fEdX88ht9BO8PkOS
/v6mJ7kqh9tT92mpM3Z +q+HAWHd9ZxwGyrnr8H6QXhmA78pGvnUTCmPNHjV/SZFZtd7Pr0rJrAjvPP613
3dbubOY1hSH24Pke+8prfiuVXbJebNdy9oAis70tUNYXY09ALLonukp/wS2/nN9J
MwLPavkFYtJ0wNdelMTQPTjOysyJZ0M5+TzIzdDfEuNTv0nSxmIfoYI2sjSw+E11 WbAozqPqjLMkdviyKDjtOZqh+8pld4qv4Cg
/pKOGWEU29nRZJR3gL3o8xzZF4DvP 3TjDMicMwMUzj6q7v2uIRTIW/4qtT/4jD0NknrOnFtFBZyCThZh6UjnQJoXq6gN
aM+H2TPeXJ8oXoAXGoRah+9j6l1rz5GzYtYgWBxZlrokpRf3xOXHK1VSw3oU3ScL OX442mPwg9Jex1Fu5RbArA== </ds:X509Certificate>
</ds:X509Data>
</ds:KeyInfo>
</KeyDescriptor>
<KeyDescriptor use="signing">
<ds:KeyInfo>
<ds:X509Data>
<ds:X509Certificate> MIIG7DCCBNSgAwIBAgIEDB9zGzANBggkqhkiG9w0BAQsFADB4MQswCQYDVQGEwJG
STEhMB8GA1UEChMYvMfIc3RvcvVraXN0ZXJpa2Vza3VzIENBMR0wGAYDVQQLEXFQ
YWxzZWx1dmFybWVudGVldEdeqMCcGA1UEAxMhVjJLIENIBGZvcjBTXzJ2aWNIIFBy
b3ZpZGVycyAtIeczMB4XDTE5MDIwNzlyMDAwMFoXDTIxMDIwNzIxNTk1OVowgY8x
CzAJBgNVBAYTAkZJMRARwDgYDVQQIEwdGaW55Y5kMREwDwYDVQQHEWhlZWxzaw5r
aTEeMBwGA1UEChMvMfIc3RvcvVraXN0ZXJpa2Vza3VzMR0wGAYDVQQLEXFQYWxz
ZWx1dmFybWVudGVldEdeIFMB0GA1UEAxMwWawRwLnR1bm5pc3R1cy5zdW9taS5maW5l
AalwDQYJKoZIhvcNAQEBBQADggGPADCCAyoCggGBAK9ooJfj6AL/c5YK9CCY4NE4 t9z8FtP7YIDuR8/2ti+BWTfBfhzW1sBg
/zRcG3vHUwzmTuih+T0Qsu0Njkl+jZ0P UGKoyvhrDnBoVKK6/GyHcWN3piJ3fta30TUoWNTRsQBMA6t1hght8hXOeS0zpxB
mvDrShBjpnzloLGMl3ult9GkeJG6/TmNUOFFHb+/yU/NgC4Vq8orBeq1rTRLS3s OW20KLC57xIWG/GbghMCInAMACKHLAD6MmOdkAeQis
/6MMiWt9i29NncavYkU4 Bngoc/wNvvcifnJvR9BeZyD872aDDPvVIMUnRpNIIJcxWUX4IHQH6vGafHHkyeq9
DrWK4I8051o8J6A5hbWkEeJbZRoFpl5Mn3CRjvQ3cWYyARtb9vJTLzhv65G6dlr QwVRIA nKFqe5EVE/7GIFYcrW/kp
/48C5OzHLpOsdoadkMJBz7QQkLIZm9RvaldS agWjWXv2xFvLyLqLQsSKy0P67ZwPFWRxQmNsGQIDAQABo4IB5DCCAEAwHwYD
VR0BBGgFoA0wZlZm9yYXZvdG9yZWtpc3RlcmRlZXNrdXMGZm9yIFNlcnZpY2UgUHJvdmlkZXJzIzC0gRzMrHcNMjAxMDIyMjEwMDAwWhcNMjAx
/wQEAwIGwDCB1wYDVR0gBIHPIHMMAgBgQA j3oBBzCBvYJKoF2hAUBCiiBMIGxMCCsGAQUFBwIBFhtodHRwOi8vd3d3LmZpbmVpZC5maS9jCHMzMzMy8wYUGCCsGAQUFBwIBCMhcad1Zhcml1bm5lcG9saXRpaWtr
YSBvb2ZyYWF0YXZpZGxhc0gQ2VydGlnaWthdCBw2xpY3kgZmlubnMgLSBDZXJ0


```

lgEwgbEwJwYIKwYBBQUHAgEWCg2h0dHA6Ly93d3cuZmluZWlkLmZpL2NwezMzLzCB-
hQYIKwYBBQUHAgIweRp3VmFybWVubmVwb2xpdGipa2thIG0uIHhYXRhdmlsbGEg-
LSBDZXJ0aWZpa2F0IHBBvGijcSBmaW5uoyAtlENlcnRpZmljYXRlIHBBvGijcSBp-
eyBhdmFpbGFibGUgaHR0cDovL2d3dy5maW5laWQuZmkvY3BzZmZmDwYDVROTAQH/-
BAUwAwEBADA3BGNVHR8EMDAuMCyGkqAoHiZedHRwOi8vcHJvcHkuZmluZWlkLmZp-
L2NybC92emtzcDNjLmNybDBqBggrBgEFBQcEBAQReMFwwMAyIKwYBBQUHMAKGGCh0-
dHA6Ly9wcm94eS5maW5laWQuZmkvY2EvdnJrc3AzLmNyYDAoBggrBgEFBQcGwAYYc-
aHR0cDovL29je3AuZmluZWlkLmZpL3Zya3NwZmZANBgkqhkiG9w0BAQsFAAOCAGEA-g
/mPpkcTTULqijY4QGnPy+GmOQs2sWQM4IRX2emzYTZifktvnjdKrijEu4ppVw-
Punhe4IMCgj1fqS5vSa5fP7PKaAE7Znr9FepMvhKuUUCW2fthpbQ5ee0gRep4pB7FRgW7O2rGdpX2zQjLHWe6r/8i8nhgLW61SIC3ebccRm0TLOf
#0jfXMJaNphKrfzfpXCaXMTKF/DCtyavzGW+HuDI/L+ta/uoKGgY5W95EMrAQPC8exdCDUUDTyx0W2L9C9dMB9Z
/8Y75tpLSx7e6DG1Aed9za1Uw1VQzzGUDisIQWwhPrMepPEGEbBjJGX-M6ixovJHyWzcvuub34KSep8jmq/O33mOuNOSSW/kwxt2dnKfFahH/Gsx
/2YbMcSK-vEb3dGt7oxgFYnT93g9aGaQJEJxeWYqM3tHY3gRWb8XjQjZJNJV7aOz/UxarI/P
hgtTQyjTw2q0KxEnMO5yS4apau8romEjJHJ9pIA4tpnsSeQzkt3XNbiicKYg9yM-PQ4V4N9a5FP
#oJa6d2YNEgM9fvvxZiArZ5JGEPdImy0ee0T5FboTV3GE9fxctmW-zrivoa2nMf7Hz5JoYuxIH3ttDfMEk5+skotwwkeuZ+enkMXbhAWUW/3JQga0piui-
fXAieg1MJEbkebMbV6om6EHlv15ZBfdO4b4fo+eFK4M=</ds:X509Certificate>
</ds:X509Data>
</ds:KeyInfo>
</KeyDescriptor>
<SingleLogoutService-Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST" Location="https://tunnistautuminen-suomi.fi/idp/profile/SAML2/POST
/SLO"/>
<SingleLogoutService-Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-Redirect" Location="https://tunnistautuminen-suomi.fi/idp/profile/SAML2
/Redirect/SLO"/>
<NameIDFormat="urn:oasis:names:tc:SAML:2.0:nameid-format:transient" NameIDFormat="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST" Location="https://tunnistautuminen-suomi.fi/idp/profile/SAML2/POST
/SSO"/>
<SingleSignOnService-Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-Redirect" Location="https://tunnistautuminen-suomi.fi/idp/profile/SAML2
/Redirect/SSO"/>
<IDPSSODescriptor>
<Organization>
<OrganizationName xml:lang="fi">Digi- ja väestötietovirasto</OrganizationName>
<OrganizationName xml:lang="en">Digital and Population Data Services Agency</OrganizationName>
<OrganizationName xml:lang="sv">Myndigheten för digitalisering och befolkningsdata</OrganizationName>
<OrganizationDisplayName xml:lang="fi">Digi- ja väestötietovirasto</OrganizationDisplayName>
<OrganizationDisplayName xml:lang="en">Digital and Population Data Services Agency</OrganizationDisplayName>
<OrganizationDisplayName xml:lang="sv">Myndigheten för digitalisering och befolkningsdata</OrganizationDisplayName>
<OrganizationURL xml:lang="fi">https://dvv.fi/otusivu</OrganizationURL>
<OrganizationURL xml:lang="en">https://dvv.fi/en</OrganizationURL>
<OrganizationURL xml:lang="sv">https://dvv.fi/sv</OrganizationURL>
</Organization>
<ContactPerson contactType="technical">
<GivenName>Suomi.fi tunnistus</GivenName>
<SurName>Kayttoonotot</SurName>
<EmailAddress>mailto:tunnistus-kayttoonotot@dvv.fi</EmailAddress>
</ContactPerson>
<ContactPerson contactType="administrative">
<GivenName>Suomi.fi</GivenName>
<SurName>Palvelupiste</SurName>
<EmailAddress>mailto:suomi.fi.palvelupiste@dvv.fi</EmailAddress>
</ContactPerson>
</EntityDescriptor>
</EntitiesDescriptor>

```

Related articles

- HTTP 405 error on AssertionConsumerService endpoint after return from third-party IDP