

SAML Metadata and Trust

 SWAMID technical trust is based on publication and validating digitally signed SAML metadata documents.

- [SWAMID Signing Certificate](#)
- [SWAMID Metadata Feeds](#)
- [Display and update SWAMID metadata](#)
- [Metadata for SWAMID QA environment](#)
 - [SWAMID QA Signing Certificate](#)
 - [SWAMID QA Metadata Feeds](#)
- [Display and update SWAMID QA metadata](#)

SWAMID Signing Certificate

 All SWAMID metadata feeds are signed with the private key that corresponds with the certificate <https://mds.swamid.se/md/md-signer2.crt> with SHA256 Fingerprint=A6:78:5A:37:C9:C9:0C:25:AD:5F:1F:69:22:EF:76:7B:C9:78:67:67:3A:AF:4F:8B:EA:A1:A7:6D:A3:A8:E5:85.

Certificate

-----BEGIN CERTIFICATE-----
MIIFyzCCA70gAwIBAgIJAI9LJsUJXDMVMA0GCSqGSIb3DQEBCwUAMHwxCzAJBgNV
BAYTANFMRiWEAYDVQQIDAlTdG9ja2hvbG0xejAQBgNVBACMCVN0b2NraG9sbTE0
MAwGA1UECgwFU1V0RVQxZDZANBgNVBAsMB1NXQU1JRDEkMCIGA1UEAwBuU1dB
TUlEIG1ldGFkYXRhIHNPZ25lcjB2M14wMB4XDTE2MTIwNjA5MjgyMjFoXDTM2MTIwNjA5
MjgyMjFoXDELMAGGA1UEBhMCU0UxejAQBgNVBAGMCVN0b2NraG9sbTESMBAGA1UE
BwwJU3RvY2tob2x2tMQ4wDAYDVQQKDAVTVU5FVDEPMA0GA1UECwwGU1dB
TUlEMSQwIGYDVQQDBBTv0FNSUQgbbW0YWRhdGEgc2lnbmVvIHYyLjAwggIiMA0GCSqGSIb3
DQEBAQUAA4ICDwAwggIKAoICAQDQVw72PnIo9QIEv439kQnPCxZh/LddKw86eIU+
nMfl4TpjSIyqTu4KJSnXbJyqXg+jQj3RzE9BUblpGrR7okmQwOh2nh+5A6SmyTOR
p7VEVT/Zw0GNNqI9gAw7J8Cy+Gnok4LeILI5u43hPylnKAnvs1+bo0ZlbHM6U5jm
6Ml0+lrYAQdZzoPQqoCQbr30weAaq5g8H54HuZacpYa3Q2GnUa4v+xywjntPdSQU
RTAbWwyJl3cHctX5+8UnX8nGCaxoBZqNp9PcEopyYJX801nrLumBMqu9Uh6Gw1nx
OHfKDLvUoykG3Dm704ENVs88KaJXB1qQNsJdlm14UI9XCZbHfnFVnQ53ehsGFMha
Bf/Abd6v2wnhBLH/RxEUlw347qSeokw+SdDTSdW8jOEBiSqP/8BUzpcCbGlgAsV0
NKUS0K7IB2Bb79YhyMvmJl24BgtkX+VM/mv47dx0tfzNFCMtUcJ2Dluv0xJG8xI
ot7umx/kbMBLuq7WdWELZJrgpt2bb9sXtYBpuxtGCW5g7+U7MNN1aKCiCSfq09YH
qu2DSU7HHAXEcGFxB1epBliCwZ24WLQh53bA3rihaIn7SjdapT9VuSTpCvytb9RX
rq39mVuHMXvWYOG20XTV0+8U2vnsjAwsy28xPacRLWRWoZbRJ+RoGp6L3GACq+t+
HPiukwIDAQABo1AwTjAdBgNVHQ4EFgQUQ2iqKQV/mMZDeJDtLXvy0Bsn/BQwHwYD
VR0jBBgwFoAUQ2iqKQV/mMZDeJDtLXvy0Bsn/BQwDAYDVR0TBAAUwAwEB/zANBgkq
hkiG9w0BAQsFAAOCAQEAHviIAfS8viUN8Qk//U1p6Z1VK5718NeS7uqabug/SwhL
Vxtg/0x9FPJYf05HXj4moAf2w1ZLnhr0pnEPGDbdHAgDC672fpaAV7D095d7xubc
rofr70f2fehYSUZbXBWfiq+xB5QfRsuFgB/qgHu0lgn+4RXniiBYlwe6QJVnchX+
FtxD+vh1l5rLNkJgJLw2Lt3pbemSxUvv0CJtnK4jt2y95GswGu1uSsVLrs0PR1Lj
kuxL6zZH4Pp9yJRDOUhbVYAnQ017mdcjvHYtp7c4GIWgyaBkDoMtU6fAt70QpeGj
XhecXk7Llx+oYndZn14ZdFPRGMyAESLrT4Zf9M7QS3ypnWn/Ux0SwKwbnPUeRVb0
VZZ+M0jmdYK6o+UU5xH3peRWSJIjjRaKjbVlw5GgHwGFmQc/LN+va2jjThRsQWwt
zEw0bjedInQ6wfl/VzFAwLwwoDAzKK9qnK4RF30RKkvhKrUa//20YnZD0kHtHiC
OL+iFRLtJ/DQP5iZAF+M1Hta7acLmQ8v7Mn1ZR9lyDwzFx57VOKKtJ6RAMBvxOdP
8cIgBNvLAEdXh2kn0LqYU/CeaGkXTD7Y0SEKx60xEEdafba//MBkVlt4bRoLXts6
6JY25FqFh3eZjZjR6h4W1NW8KnBWuy+ITGfXxoJSsX78/pwAY+v32jRxMZGUi1J4=
-----END CERTIFICATE-----

SWAMID Metadata Feeds

 For information about which metadata feed to use please read [Choosing the right SAML metadata URL](#).

Name	Url	Usage
------	-----	-------

SWAMID Metadata Query Service	https://mds.swamid.se/	Contains all SWAMID registered and interfederation imported identity providers and service providers. All implementations that are able to use MDQ shall do so due to that metadata is only downloaded and cached when needed instead of downloading full metadata aggregates. For Information on how to configure MDQ: IdP or SP
SWAMID Transitive Identity Providers	https://mds.swamid.se/md/swamid-idp-transitive.xml	Contains all SWAMID registered and interfederated identity providers for use by relying parties. For use by all SWAMID registered service providers that don't use the MDQ protocol.
SWAMID Transitive Service Providers	https://mds.swamid.se/md/swamid-sp-transitive.xml	Contains all SWAMID registered and interfederated service providers for use by relying parties. For use by all SWAMID registered identity providers that don't use the MDQ protocol.
SWAMID Registered Identity Providers	https://mds.swamid.se/md/swamid-idp.xml	Contains all SWAMID registered identity providers for use by relying parties. For use by SWAMID registered service providers that must limit identity providers to SWAMID and don't use the MDQ protocol.
SWAMID All Entities	https://mds.swamid.se/md/swamid-2.0.xml	All SWAMID identity providers and service providers.

Additional information including certificate and fingerprint for signing key is available at the [SWAMID metadata repository](#).

Display and update SWAMID metadata

The [SWAMID Metadata Tool](#) display all metadata registered in or imported into SWAMID from interfederations, i.e. eduGAIN and Fidus. SWAMID registered metadata is updated via tool.

Metadata för SWAMID QA environment



The information published in this section is about the SWAMID QA environment. Information about the production environment is published above!

The SWAMID QA environment is a environment to configure and test identity and service providers before they are registered in the SWAMID production environment.

SWAMID QA Signing Certificate



All SWAMID QA metadata streams are signed with the private key that corresponds with the certificate <https://mds.swamid.se/qa/md/swamid-qa.crt> with SHA256 Fingerprint=1E:BC:8E:62:0B:C9:3C:EB:C6:E0:7F:9E:34:B8:A1:9F:EA:A9:30:A1:9E:B5:31:B9:44:8B:0F:CC:3B:D9:17:D2.

Certificate

```
-----BEGIN CERTIFICATE-----
MIIE/jCCAuagAwIBAgIJAPccoL7mvtNVMA0GCSqGSIb3DQEBBQUAMC0xKzApBgNV
BAMTIk1ldGfKYYRHRIFnpZ25lciAtIFNXQU1JRCBRQSA1IDIwMjMwHhcnMjMwNTE2
MDczNTI5WhcNMzMwNTE2MDczNTI5WjAtMSswKQYDVQQDEYJNZXRhZGF0YSB0aWdu
ZXIgL3BTv0FNSUQgUUEgLSAYMDIzMIICijANBgkqhkiG9w0BAQEFAAOCBg8AMIIC
CgKCAgEAYpbymzgez4Ihx2LZynlQtn0vYzUJ9LI4X5x8GYxt0Jza10Ig+vtu45xa
uNlPK3UuszvlgdcMhph6yYab6A215cozd0Gwf5uJYPD5QQRtm7chIP0lUP1gS17R
uJubU15lG2AaXcruhNUzcBwMM2BYPol8atYrnQkajVwplrfnjPbFXjep/hEEK/kd
w+PCVcOnDg6YUyukR1yezo0YwW7BRag5BPS4GntP+Qd7cYLfKW5ZJPNlxX0NQkxv
nEEBgYD4CMi3sXByg0RSLCBagzq/s5/brf6+vCisbE+ArdTW9/eIq12gDQhgCbWs
eFSLP2R1xR3EetRS8stu2SsNSsDPQKIC0q00IxJkh9mdXFyK/56YJBrwcbVmSf0F
Ww1z7/CPY+fBt3pbwyIx3UYUtu+4RxVxUPLSpD/d4sPBeA2GrB5dpy1ETLT4LzVh
ithgEZXCTrzUqzhXupgB72FvY4Bp/CbRd3piMwc3hF0IOkqIY20D2Pcnc1fkM2JW
dUWgY18XdGoS+Wmp41wQ071Gw1kmszWw70VcnPwevQABH7/vZz6/iQyIt0506VY
se1CZ9E0kBxbYcs1FFQWlq+qHfPtQ0EHRWwCggIUzqs0515pKE0aJmbKVwj671eZ
0xxdK/gJEZYIun0R89Rm/3zLMS51MF2WoV+DUHVfw2yTyh3a+6MCAwEAAMhMB8w
HQYDVR00BBYEFp3n01J1wDRsIRh0jihx54Uech0MA0GCSqGSIb3DQEBBQUAA4IC
AQCRFuixQcj0PEP00JuyDuja7zxs1NQ0qPrEgR72yBRqWwFR8E9J4V4HlkyTCeMp
WgtxzDAXe7HdTyeNjW4dPKB8y01IkwxdfRDoZhXiJPPoCBgm2K8YxVyGJZljo4R9
wy6NlpzjaCdoJ6atKFuACGgkJBogBbM3upD5A2S09DDr/Glsx64LdkU6CEmMpdgD
xio1LpcKoTNY3QqbpEjnwYuIGB8MjP0WsSwBoLRd4bd0R9F0XF28cmeJDTdkVM+S
JS00J2uCKYKXZiqr1VhBhcGQKBgteZLD2zuFLLq444IkM9bwX79bpVPM4r3mqgzi
WA5TPx45gdQt1KJAWpuU+ZwS2UXnVI75Jhe9SIzyp8bG/JaKqgpXazyRaFEiKJH4
sfogKv4i8rYfCvqzo0sC5+LosrLMXhPdoInJ9jT7166iB9oqm3RWk3BZmoEX4c/1
NS1i0yghCwoLWFKzp4nfSmPiotfS5HPRZZF4nLwKCpuWmeRT8D7U4cyow++GTAow
IBS+Z8HHUpHAnNL7BNkNv360uVl8lLN7SF9ZKt+dE8RmWtKUY5Sn6CQp7f+Fm1fi
vnYGsJz2Qf+/vv0B9mUDTqCRIwhdGivH9RIEjvJP/L9qq1L0KsuJFpvWvJwvfDo+
0FtTA1bFiP3XzfQncys7eNi0AwRXd6x0IQ9VUtufpaix5g==
-----END CERTIFICATE-----
```

SWAMID QA Metadata Feeds

Name	Url	Usage
SWAMID QA Metadata Query Service	https://mds.swamid.se/qa/	Contains all SWAMID QA registered identity providers and service providers. All implementations that are able to use MDQ shall do so due to that metadata is only downloaded and cached when needed instead of downloading full metadata aggregates.
SWAMID QA Identity Providers	https://mds.swamid.se/qa/md/swamid-idp.xml	Contains all SWAMID QA registered identity providers for use by relying parties. For use by all SWAMID QA registered service providers that don't use the MDQ protocol.
SWAMID QA Service Providers	https://mds.swamid.se/qa/md/swamid-sp.xml	Contains all SWAMID QA registered service providers for use by relying parties. For use by all SWAMID QA registered identity providers that don't use the MDQ protocol.
SWAMID QA All Entities	https://mds.swamid.se/qa/md/swamid-qa.xml	All SWAMID QA identity providers and service providers.
SWAMID QA Entities in QA approved by SWAMID	https://mds.swamid.se/qa/md/swamid-approved.xml	Selected entities in SWAMID QA approved by SWAMID Operations.

Additional information including certificate and fingerprint for signing key is available at the [SWAMID QA metadata repository](#).

Display and update SWAMID QA metadata

The [SWAMID QA Metadata Tool](#) display all metadata registered in SWAMID QA. The tool also handles self administration of registered entities in the QA environment.