

# How to access your login.openathens.net metadata

When you are connecting to an application that is not part of a federation, e.g. a [custom SAML resource](#) such as a VLE, you may need to supply that application with your metadata address. Metadata is available for both SAML 2 and the older SAML 1.1. Where there is a choice, SAML 2 is the one to use.

You will need to know your OpenAthens domain name. This is usually the same as the scope registered against your domain organisation as seen on the [organisation summary](#). If using that does not work, contact our service desk and they'll help you out.

## Metadata address:

```
https://login.openathens.net/saml/2/metadata-idp/DOMAIN
```

E.g. if your OpenAthens domain is institution.ac.uk, your metadata address will be:

```
https://login.openathens.net/saml/2/metadata-idp/institution.ac.uk
```

If you have sub-organisations that have different entityIDs (which is incredibly rare) you may need to access their metadata - e.g. if setting up a custom SAML resource that only they will access. The metadata address is essentially the same but with a /o/NUMBER bit added on the end:

```
https://login.openathens.net/saml/2/metadata-idp/DOMAIN/o/NUMBER
```

...where the number at the end is the unique ID shown on their organisation account's permissions tab. If manually specifying endpoints (see below) you would also add the /o/NUMBER part to the end.

## Manually specifying connection settings

The metadata address should be sufficient for most things that use SAML since all the information is there, however some may instead want you to specify things manually instead. If they do:

### Endpoints / SSO address:

You can copy these from the metadata, but they will look like this:

```
https://login.openathens.net/saml/2/sso/DOMAIN
```

### Certificate

This will be the x509 certificate in the metadata, topped and tailed as follows. This is sometimes called PEM format.

```
-----BEGIN CERTIFICATE-----
Mi7cUUpCAqagAwIBAgIEVoxCIjANBgkqhkiG9w0BAQsFADCBoDEoMCYGCSSqGSIB3DQEJARYZYXRo
ZA5zaGVscEB1ZHVzZXJ2Lm9yZy51azELMAkGA1UEBhMCR0IxEETAPBgNVBAGMCFNvbWVyc2V0MQ0w
CwYDVQQHDARCYXRoMRAdDgYDVQQKDAFZHvzZXJ2MRMwEQYDVQQLDAPcGVuQXRoZW5zMR4wHAYD
VQQTDBBvnyXRld2F5LmF0aGVuc2Ftcy5uZXQwHhcNMTUwMjI0MDkyMDA2WhcNMjI0MDkyMDA2
WjCBHoDEoMCYGCSSqGSIB3DQEJARYZYXRoZW5zZaGVscEB1ZHVzZXJ2Lm9yZy51azELMAkGA1UEBhMCR0IxEETAPBgNVBAGMCFNvbWVyc2V0MQ0wCwYDVQQHDARCYXRoMRAdDgYDVQQKDAFZHvzZXJ2MRMwEQYDVQQLDAPcGVuQXRoZW5zMR4wHAYDVQQTDBBvnyXRld2F5LmF0aGVuc2Ftcy5uZXQwggEMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCandpa4o0Njtw1DqbrNTfOvelPqyXIIvMdr6VUR/
mokXXu+mR5Gm+1f+3ayN5IA2YMn9Z8Yo37JQjIHs+xVS3q4nT1ewS7S3en1pdXKsH1WnUnWUmp19
WJZrUwi5iC8X80LNyd7PmudhuKNEATGUXkA/xWCkk2d8jf91hy7Qu+HA8LOKtdbbNigEr2IY/YuN
WUVUqgGbmHE5BGr7ZahPrz+Vwcf91hPW+tKpKpZEzJfQiq8EoPaemXEPKWBEErm67gkWCA5VhfcJ
LqfjQEC3pWOBxt5rZRS8gl/Z33VSJZVzY5jWcQzmGaLXPHXyikPmixl6+DjgLUm0y1N7GvtDagMB
AAEwDQYJKoZIhvcNuQELBQADggEBAFhmhuJLZueiJ6F7mQCpfB0Hj4Y8FyFUUC8NMt5Set7H4DK
SS14shcqisZBaW5yTlyenYwkmBszCWS6Yeep+zJmCR62cb/f1M32oMzLm0201znWkE8/IajGmdx
TnB6Z/XcdMMIiCIeoe4kqe5KMd5oRAyNskHYZ+8kzhs2zTveR+rqCtYxa/AYpwf70VQR9c1BSNCI
T4BCRi10aPE531VTIs141jY3CwNoZ41QTU/0aj804j68V2neiQb81ewAii0b2xoOGYP4okd7T2t1
4gl2noVbCvYNjd6GHYOU41gwiemkby7wu5sN11EudgKDV+H54wU29ZiYDEFM6DDNE4=
-----END CERTIFICATE-----
```

### Issuer / IDP issuer / identifier / entityID

Your entityID, e.g. <https://idp.institution.ac.uk/openathens>

### Binding / Binding type / IDP Binding

Where there is a choice, select 'Redirect' rather than 'Post'.