

# Informcijas iegšana par identitāti no elektronisk paraksta

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There is two types of signing identity, one for electronic signing and one for authentication

### Request

```
GET /trustedx-resources/esigp/v1/sign_identities/{sign_identity_id}
```

### Parameters

Name	Type	Usage	Description
sign_identity_id	<i>path</i>	Required	Identifier of the signing identity information is being requested on.

### Authorization

The request must contain a bearer access token generated by a trusted authorization server of the service from which the information on the signing identity is requested and that is associated to the domain to which the identity belongs. This token must be used as explained in [RFC 6750](#). It must have the `urn:safelayer:idas:sign:identity:profile` scope.

Basically, the token must be included in an HTTP Authorization header as follows:

```
Authorization: Bearer <token>
```

The access token can be obtained via an authorization code grant or Service provider's credentials grant OAuth 2.0 flow.

### Example

```
GET /trustedx-resources/esigp/v1/sign_identities/12345678 HTTP/1.1  
Authorization: Bearer mF_9.B5f-4.1JqM
```

### Response

Response body representation in JSON as follows

```

{
  "id" : {string},
  "self" : {string},
  "description" : {string},
  "labels" : [ {string} ],
  "type" : {string},
  "device_id" : {string},
  "domain" : {string},
  "access" : [ {
    "user_id" : {string}
  } ]
  "details" : {
    "certificate" : {string},
    "activation_mode" : {string},
    "public_key" : {string}
  },
  "links" : {
    <operation_alias> : {
      "auth" : {
        "oauth2" : {
          "scopes" : [ {string} ]
        }
      }
    }
  },
  "status" : {
    "value" : {string},
    "reason" : {string}
  }
}

```

Property	Description
id	Identifier of the signing identity.
self	Access URL for the signing identity.
description	Description of the signing identity.
labels[ ]	List of tags associated to the signing identity.
type	Type of signing identity. This property currently always takes the <code>pkix509</code> value.
device_id	Device where the private part of the keys associated to the signing identity is located. Only the signing identities on mobile devices have this property.
domain	Domain the signing identity belongs to.
access[ ]	Information on access control to the signing identity.
access[ ].user_id	Identifier of a end-user with access to the signing identity.
details	Details for implementing the signing identity.
details.certificate	X.509 certificate encoded in DER and base64. Only <code>pkix509</code> signing identities have this property.
details.activation_mode	Activation mode of the signing identity. Only server signing identities have this property and it can take the following values: <ul style="list-style-type: none"> <li><code>hsm-pwd</code>: the signature identity is activated by a password entered by the owner and validated by the HSM.</li> </ul>

<code>details.public_key</code>	Public part of the keys associated to the signing identity. <b>PublicKeyInfo</b> ASN.1 structure encoded in DER and base64. Only <b>pkix509</b> signing identities have this property.
<code>links</code>	Information on operations that use the signing identity.
<code>links.&lt;operation_alias&gt;</code>	Information on the <code>&lt;operation_alias&gt;</code> operation regarding the use of the signing identity. Currently the only value possible for <code>&lt;operation_alias&gt;</code> is <b>signatures.create.server.raw</b> .
<code>links.&lt;operation_alias&gt;.auth</code>	Authorization information on the <code>&lt;operation_alias&gt;</code> operation regarding the use of the signing identity.
<code>links.&lt;operation_alias&gt;.auth.oauth2</code>	OAuth 2.0 authorization information on the <code>&lt;operation_alias&gt;</code> operation regarding the use of the signing identity.
<code>links.&lt;operation_alias&gt;.auth.oauth2.scopes[ ]</code>	Set of OAuth 2.0 scopes required for accessing the <code>&lt;operation_alias&gt;</code> operation so that this operation can use the signing identity.
<code>status</code>	Information on the status of the signing identity.
<code>status.value</code>	Status of the signing identity. <ul style="list-style-type: none"> <li>• <b>"enabled"</b>: The signing identity is enabled.</li> <li>• <b>"disabled"</b>: The signing identity is disabled.</li> <li>• <b>"locked"</b>: The signing identity is locked.</li> </ul>
<code>status.reason</code>	Reason why the signing identity is in its current state. This property is optional and is normally used to indicate why a signing identity has been locked or disabled.



For receiving signing certificate, `labels` array shall contain `serverid` tag.

For receiving authentication certificate, `labels` array shall contain `mobileid` tag.