

user-attr-cn

Jump to:

[Overview](#) | [Use in the InCommon Federation](#) | [SAML Response Example](#)

Overview

cn is a user attribute defined in [RFC4519](#) (Lightweight Directory Access Protocol (LDAP): Schema for User Applications). From RFC4519: "The cn (commonName in X.500) attribute type contains names of an object. Each name is one value of this multi-valued attribute. If the object corresponds to a person, it is typically the person's full name."

OID	2.5.4.3
LDAP Syntax	Directory String
# of Values	multi-valued
References	eduPerson , RFC4519

Use in the InCommon Federation

cn is commonly used to transmit a person's full name. As it is a multi-valued attribute, some IdPs may send multiple permutations of the person's name in the **cn** attribute.

SAML Response Example

```
<samlp:Response xmlns:samlp="urn:oasis:names:tc:SAML:2.0:protocol"
  xmlns:saml="urn:oasis:names:tc:SAML:2.0:assertion"
  ID="...." Version="2.0" IssueInstant="2020-07-17T01:01:
48Z"
  Destination="...." InResponseTo="....">
  ...
  <saml:Assertion ...>
    ...
    <saml:AttributeStatement>
      <saml:Attribute xmlns:x500="urn:oasis:names:tc:SAML:2.0:profiles:
attribute:X500"
        NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-
format:uri"
        Name="urn:oid:2.5.4.3"
        FriendlyName="cn"
        x500:Encoding="LDAP">
        <saml:AttributeValue xsi:type="xs:string">Mary Jane Chang</saml:
AttributeValue>
        <saml:AttributeValue xsi:type="xs:string">Chang, Mary Jane</saml:
AttributeValue>
      </saml:Attribute>
    ...
  </saml:AttributeStatement>
</saml:Assertion>
</samlp:Response>
```

See Also

- [displayName](#)
- [Surname \(sn\)](#)

Working with user data

- [Additional user data handling recommendations](#)
- [Handling User Data Exchange in SAML](#)
- [Getting user data to manage access control](#)
- [Person characteristics and contact information](#)
- [eduPersonEntitlement](#)
- [eduPersonAssurance](#)
- [Common name \(cn\)](#)
- [displayName](#)
- [givenName](#)
- [Surname \(sn\)](#)

Related content

- [An Introduction to User Data](#)
- [R&S Explained in Plain English](#)
- [Understanding Federated User Identifiers](#)
- [Why is email address not an appropriate user identifier?](#)
- [Why is eduPersonTargetedID deprecated?](#)

Get help

Can't find what you are looking for?

[help Ask the community](#)

- givenName