



1 **GÉANT Data Protection Code of**  
2 **Conduct**  
3 **Entity Category Specification**



4 For Service Providers established in European Union, European Economic Area and  
5 countries with adequate data protection pursuant to Article 25.6 of the directive 95/46/EC

6 **Version 1.0, 14 June 2013**

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## 12 Introduction

13 The EU Data Protection Directive (95/46/EC) sets the legal framework for attribute release within the European  
14 Union and European Economic Area. For more information on the requirements imposed, see Introduction to  
15 Data protection directive [DirectiveIntroduction].

16 The Data Protection Code of Conduct sets out practices for meeting the requirements of the Data Protection  
17 Directive. It defines a set of rules to be followed by Service Providers wishing to receive user attributes from the  
18 Identity Providers managed by Home Organisations. It is expected that Home Organisations will be more willing  
19 to release attributes to Service Providers asserting the conformance to the Data Protection Code of Conduct.  
20 For more information, see Introduction to Code of Conduct [CoCIntroduction].

21 This document defines a SAML 2.0 Entity Category attribute [SAML2EntityAttr] for Service Providers that claim  
22 conformance to the Data Protection Code of Conduct.

## 23 Syntax

24 The following URI is used as the Attribute Value for the Entity Category attribute:

25 `http://www.geant.net/uri/dataprotection-code-of-conduct/v1`

## 26 Semantics

27 By asserting membership in the Entity Category, a Service Provider claims

- 28 • that it is bound by
  - 29 ○ the data protection laws in the European Union or European Economic Area, or
  - 30 ○ a third country's domestic data protection laws which have been recognised by the EC as  
31 ensuring an adequate level of protection [ECWhiteList], or
  - 32 ○ an international commitment into which a third country has entered and which has been  
33 recognised by the EC as ensuring an adequate level of protection [ECWhiteList], such as the  
34 US Safe harbour [USSafeHarbour]
- 35 • that it has committed to the Data Protection Code of Conduct for Service Providers [CoCforSP], and
- 36 • that it conforms to the SAML 2 Profile for the Data Protection Code of Conduct [CoCSAML2]

## 37 Provenance

38 When an Entity's registrar (normally the Entity's home federation) registers the Entity's assertion of membership  
39 in the Entity Category it must perform at least the checks defined for a home federation operator in the  
40 Operator guidelines document [CoCOperatorGuidelines].

## 41 Examples

```
42 <EntityDescriptor xmlns="urn:oasis:names:tc:SAML:2.0:metadata"
43   entityID="https://service.example.com/entity">
44   <Extensions>
45     <EntityAttributes xmlns="urn:oasis:names:tc:SAML:metadata:attribute">
46       <Attribute xmlns="urn:oasis:names:tc:SAML:2.0:assertion"
47         NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri"
48         Name="http://macedir.org/entity-category">
49         <AttributeValue>
50           http://www.geant.net/uri/dataprotection-code-of-conduct/v1
51         </AttributeValue>
52       </Attribute>
53     </EntityAttributes>
54   </Extensions>
55   ...
56 </EntityDescriptor>
```

## 57 Usage

58 Enable Home Organisations / Identity Provider administrators to easily set up a global attribute filter policy for  
59 Service Providers committed to the Code of Conduct.

60 For related configuration examples, see

- 61 • Code of Conduct Cookbook [CoCCookbook].
- 62 • InCommon's R&S category [InCommon].
- 63 • Shibboleth configuration instructions by SWAMID [SWAMID].

## References

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82 <[R+and+S](https://spaces.internet2.edu/display/InCFederation/Configure+a+Shibboleth+IdP+to+Support+R+and+S)>
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- 85 **[SWAMID]** SWAMID, “GEANT Data Protection Code of Conduct”,  
86 <<https://wiki.swamid.se/display/SWAMID/GEANT+Data+Protection+Code+of+Conduct>>
- 87 **[USSafeHarbour]** International Trade Administration, U.S. Department of Commerce, "Welcome to the U.S.-EU &  
88 U.S.-Swiss Safe Harbor Frameworks", <<http://export.gov/safeharbor/>>