

XACML v3.0 Dynamic Attribute Authority Version 1.0

Committee Specification Draft 01

01 December 2020

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Abstract:

A Dynamic Attribute Authority augments the request context of an XACML authorization request with additional attributes and attribute values that are generated on demand according to a set of rules. The rules are expressed as XACML policies, use obligations to specify the additional attributes and values, and are processed in the normal manner of a Policy Decision Point. This means that a Dynamic Attribute Authority can be readily constructed from existing XACML system components.

A primary use case for the Dynamic Attribute Authority is role enablement, where the dynamic attribute in question is the subject role.

Status:

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# Introduction

[All text is normative unless otherwise labeled]

## Glossary

### Definitions of terms

### Acronyms and abbreviations

### Document conventions

* Naming conventions
* Font colors and styles
* Typographical conventions

# Section Title

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## Level 2 section title

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##### Level 5

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* 1. Normative References

The following documents are referenced in such a way that some or all of their content constitutes requirements of this document. This subsection is not used for Committee Notes.

[RFC2119]

Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <<http://www.rfc-editor.org/info/rfc2119>>.

[RFC8174]

Leiba, B., "Ambiguity of Uppercase vs Lowercase in RFC 2119 Key Words", BCP 14, RFC 8174, DOI 10.17487/RFC8174, May 2017, <<http://www.rfc-editor.org/info/rfc8174>>.

[Reference]

[Full reference citation]

* 1. Informative References

The following referenced documents are not required for the application of this document but may assist the reader with regard to a particular subject area.

[RFC3552]

Rescorla, E. and B. Korver, "Guidelines for Writing RFC Text on Security Considerations", BCP 72, RFC 3552, DOI 10.17487/RFC3552, July 2003, <https://www.rfc-editor.org/info/rfc3552>.

[Reference]

[Full reference citation]

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In addition to considering and describing foreseeable risks, this section should include guidance on how implementers and adopters can protect against these risks.

We encourage editors and TC members concerned with this subject to read Guidelines for Writing RFC Text on Security Considerations, IETF [[RFC3552](#RFC3552)], for more information.

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|  |  |  |  |
| --- | --- | --- | --- |
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| [Rev number] | [Rev Date] | [Modified By] | [Summary of Changes] |

1. Example Title

Additional Appendixes may be added as needed:

* IANA Considerations
  1. Subsidiary section

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