**Section A: Nomination**

**To be completed by nominator:**

|  |  |  |  |
| --- | --- | --- | --- |
| Standard Name: | eXtensible Access Control Markup Language Version 3.0 (Selected Profiles) | Acronym: | XACML 3.0 |
| Standards Developer (SD):  | OASIS | SD Status on Standards Developer Inventory : | [ ]  Not on Standards Developer Inventory |
| [x]  Approved[ ]  Declined[ ]  Approval rescinded | **Date of SCC decision:** |
| 3/20/2015 |
| Description of standard:  |  XACML is a general-purpose access control policy language. XACMLv3 Profiles support a variety of access-control use-cases. The Profiles nominated here are all approved as OASIS Standards or OASIS Committee Specifications, which meet IDESG standards for transparency and non-restrictive licensing. Profiles included in this nomination are:1. SAML Profile Version 2.0 Committee Spec 02, 19 August 2014
2. REST Profile of XACML v3.0 V-1.0 Committee Spec 02, 23 Nov 2014
3. JSON Profile of XACML 3.0 V-1.0 Committee Spec 01, 11 Dec 2014
4. Core and Hierarchical Role Based Access Control (RBAC) Profile V-1.0 Committee Specification 02, 23 Oct 2014
5. Hierarchical Resource Profile V-1.0, Committee Spec 02, 18 May 2014
6. Multiple Decision Profile V-1.0, Committee Spec 02, 18 May 2014
7. XML Digital Signature Profile V-1.0, Committee Spec 02, 18 May 2014
8. Intellectual Property Control (IPC) Profile V-1.0 OASIS Standard, 19 January 2015
9. Export Compliance-US (EC-US) Profile V-1.0 OASIS Standard, 19 Jan 2015
 |
| Date initially published:  | See Description of standard, above. | Current version:  | See Description of standard, above. | **Date published:**  | See Description of standard, above. |

|  |  |
| --- | --- |
| **Relevance to the IDEF:** | XACMLv3 is referenced as an example of public, open standards in IDEFv1 Requirements INTEROP-3. STANDARDIZED CREDENTIALS and INTEROP-4. STANDARDIZED DATA EXCHANGES  |
| **Compatible with NSTIC Guiding Principles:** ***(minimum of one)*** | [x]  Privacy Enhancing and Voluntary[x]  Secure and Resilient[x]  Interoperable[x]  Cost Effective and Easy-to-use | Privacy-enhancing.— The Hierarchical Resource and Multiple Decision Profiles support flexible data-element-level access control needed to enforce complex privacy and other policies.Secure and resilient.— XML Digital Signature Profile specifies how XACML content can be secured when used with OASIS SAML and W3C XML Signature standards.Interoperable.—Profiles support use of the core XACMLv3 spec in conjunction with SAMLv2, JSON and REST. Other Profiles (IPC, EC-US) provide for semantic interoperability of authorization attributes as recommended in INTEROP-BP-C. RECOMMENDED TAXONOMY STANDARDS.Cost-effective and Easy-to-Use.—XACML Profiles are not encountered directly by end-users. Enterprises implementing ABAC with XACML leverage tools available from multiple vendors that implement XACML “under the covers” while presenting user-friendly interfaces to access-policy administrators. There is no licensing cost for use of the XACML specification by tool developers or by implementing enterprises.  |

|  |  |  |
| --- | --- | --- |
| Stakeholder communities using proposed standard:  | [ ]  Privacy/Civil Liberties[ ]  Usability and Human Factors[ ]  Consumer Advocates[x]  US Federal Government[x]  US State, Local, Tribal, and Territorial Government[ ]  Research, Development, Education, and Innovation[ ]  Identity and Attribute Providers[ ]  Interoperability  | [ ]  IT Infrastructure [x]  Regulated Industries [ ]  Small Business, Entrepreneurs[x]  Security[x]  Relying Parties[ ]  Unaffiliated Individuals[x]  Other, Please Specify: Healthcare; International |
| **Required by regulation?**  | [ ]  Yes [x]  No [ ]  Unsure  | If Yes, click here to list applicable regulations. |
| **Trust Framework(s) adopted****?**  | [x]  Yes [ ]  No [ ]  Unsure  | US Federal GovernmentHealthcare, TSCP (?)  |

|  |  |  |  |
| --- | --- | --- | --- |
| Nominator name:  | Martin Smith | Internal IDESG sponsor *(if applicable)* |  IDESG Security Committee |
| Nominator email: | Bfc.mclean@gmail.com | Date of submission: | Click here to enter a date. |

**To be completed by SCC:**

|  |
| --- |
| **SCC Review of Nomination** |
| SCC review completion date: | Click here to enter a date. | **Progress to evaluation?** | [ ]  Yes [ ]  No  |
| SCC comments:*(if not progressing, explain the reason)* | Click here to enter text. |

**(Continued on next page)**

**Section B: Evaluation**

**To be completed by evaluator:**

|  |
| --- |
| Standard Evaluation Criteria |
| **Relevance to Identity Ecosystem:** | Click here to enter text. Refer to SAP v2, Section 4.2, item a for guidance. Be sure to cite the IDESG baseline requirements being addressed by this standard.  | **Meets:**[ ]  |
| **No vendor lock-in:** | Click here to enter text. Refer to SAP v2, Section 4.2, item b for guidance.  | **Meets:**[ ]  |
| **Affordability:** | Click here to enter text. Refer to SAP v2, Section 4.2, item c for guidance.  | **Meets:**[ ]  |
| **Compatible with NSTIC Guiding Principles:** ***(minimum of one)*** | **Standard directly addresses one or more of the NSTIC Guiding Principles:** [ ]   |
| **Privacy Enhancing:**If applicable, click here to enter text. Refer to SAP v2, Section 4.3, item a for guidance. |
| **Voluntary:**If applicable, click here to enter text. Refer to SAP v2, Section 4.3, item b for guidance. |
| **Secure and Resilient:**If applicable, click here to enter text. Refer to SAP v2, Section 4.3, item c for guidance.  |
| **Interoperable:**If applicable, click here to enter text. Refer to SAP v2, Section 4.3, item d for guidance. |
| **Cost Effective:**If applicable, click here to enter text. Refer to SAP v2, Section 4.3, item e for guidance. |
| **Easy-to-use:**If applicable, click here to enter text. Refer to SAP v2, Section 4.3, item f for guidance. |
| **For NSTIC guiding principles not addressed by the standard,****the standard supports and does not work against these NSTIC Guiding Principles:** [ ] If the standard does work against one or more NSTIC Guiding Principles, click here and provide a summary of how. |

|  |
| --- |
| **Evaluator Recommendation to SCC** |
| **Evaluator name:** | **Date of submission to SCC:** | **Accept** | **More info needed** | **Reject** |
| Click here to enter text. | Click here to enter a date. | [ ]  | [ ]  | [ ]  |
| **Evaluator comments:** ***(if not approved, explain the reason for the decision)*** |  Click here to enter text. |

**To be completed by SCC:**

|  |
| --- |
| **SCC Review of Evaluation** |
| **SCC review completion date:** | Click here to enter a date. | **Progress to Privacy for privacy review?** | [ ]  Yes [ ]  No  |
| **SCC Comments:** ***(if not progressing, explain the reason)*** | Click here to enter text. |

|  |
| --- |
| **SCC Recommendation to IDESG Plenary following Privacy Report Review** |
| **SCC Privacy Report review date:** | Click here to enter a date. | **Recommendation to IDESG:** | [ ]  Adopt[ ]  Do not adopt  |
| **SCC Comments:** ***(if recommending to not adopt, explain the reason)*** | Click here to enter text. |