

# Stand der Recherche nach publizierten Identity Management Standards

- ISO/IEC, DIN, BSI, CEN/ISSS und OASIS

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**AK GenericIAM  
Stuttgart, 20. Juni 2006**



## Gliederung

- 1. ISO/IEC SC 27 (international)**
- 2. DIN NI 27 (national)**
- 3. BSI (inter/national)**
- 4. CEN/ISSS (europäisch) und OASIS (international/asiatisch)**



# 1. Stand der Recherche bei ISO/IEC (1 of 4)

## ISO/IEC SC 27

- Bislang keinen fertigen Standard über Identity Management bei der ISO/IEC aufgefunden.
- Das SC 27 beschäftigt sich mit der Etablierung eines New Projects (NP) zur Erzeugung eines Frameworks für das Identity Management.
- Öffentlich zugängliches Dokument:

"SC 27 proposed a New Work Item on Information Technology - Security Techniques - A Framework for Identity Management (N7785)" (vom 10.05.2005)



# 1. Stand der Recherche bei ISO/IEC (2 of 4)

→ Zum geplanten Inhalt laut ISO/IEC SC 27 N7785:

„Scope:

- This standard aims to provide a framework for the definition of identity and the secure management of identity information.
- This framework should be applicable to individuals as well as organizations of all types and sizes, in any environment and regardless of the nature of the activities they are involved in.
- Identity Management (IdM) is the secure management of identities, the identification process, and the information associated with the identification of an entity within some context.
- The entity might be anything that can be uniquely recognized, a person, an animal, a device, an object, a group, an organisation, a piece of information, etc.
- Entities may have multiple identities that may be used in different contexts.
- The context for identification might be within an organization's boundaries, or federated across organizations.

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## 1. Stand der Recherche bei ISO/IEC (3 of 4)

- This standard will cover the life cycle of identities and identity information as they are established, modified, suspended, terminated or archived.
- Information associated with identities may change over time and must therefore be carefully managed. Some associations might be informal and change frequently.
- Other associations might be formal, specific relationships, such as people, policy-based organizational roles, and financial accounts, that remain stable over time.
- Identity attributes are often stored within tokens, directories or data base management systems.
- Identities may be associated with policy-based roles, and these roles may be associated with duties and responsibilities, and privileges and permissions to access resources.
- Identity Management Systems (IdMS) also need to interact with other information systems that require or generate identity information.



## 1. Stand der Recherche bei ISO/IEC (4 of 4)

Purpose and justification:

- To offer a comprehensive set of Identity Management requirements, concepts, and vocabulary.
- Currently different bodies such as Liberty Alliance, **OASIS**, e-Authentication etc...work on the subject but in a very fragmented way and a more cohesive approach is needed.
- Therefore it would be more than appropriate that a collective framework would be developed."

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## 2. DIN NI 27

- Bisher keinen fertigen Standard über Identity Management beim DIN aufgefunden.
- Das NI 27 ist das nationale Spiegelgremium des SC 27 und wird als sog. National Body mitbeschließen, ob das ISO/IEC-Projekt Identity Management gestartet wird.
- Bei einem positiven Beschluß erfolgt auch inhaltlicher Input vom DIN NI 27.
- Im DIN Normenausschuß 27 wäre ein GenericIAM Prozeßmodell als New (ISO) Project anzustoßen.



### 3. BSI

→ Common Criteria Protection Profile (BSI-PP-0024-2006) über Identity Management EVGs gefunden.

„Content:

- The target of evaluation (TOE) is a product providing an identity management solution.
- This Protection Profile describes the TOE, its boundary, IT security requirements and IT environment.
- The description of the environment includes possible threats for the TOE and security objectives to counter these threats.
- Identity Management solutions provide the software and services needed for deploying policy-based provisioning solutions.
- They help companies automating the process of provisioning employees, contractors and business partners with access rights to the applications they need, whether in a closed enterprise environment or across a virtual or extended enterprise.“

→ <http://www.bsi.de/zertifiz/zert/reporte/pp0024b.pdf>

→ <http://www.bsi.de/zertifiz/zert/reporte/pp0024a.pdf>





## 4. CEN/ISSS und OASIS

- Keinen fertigen Standard über Identity Management bei CEN(/ISSS) gefunden.
- Unter <http://www.oasis-open.org/specs/index.php#dbv4.1> keinen fertigen Standard über Identity Management aufgefunden.
- Es scheint jedoch eine Initiative zu existieren (vgl. ISO/IEC SC 27 N7785)



**Vielen Dank für Ihre  
Aufmerksamkeit.**

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