

Authentication and Authorization for Constrained Environment (ACE)

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Goals & Milestone Check

- The working group has the following tasks:
 - 1) Produce use cases and requirements;
 - 2) Identify authentication and authorization mechanisms suitable for resource access in constrained environments.
- Goals and Milestones
 - Jul 2014: Submit “Use cases and Requirements” as a WG item.
 - Dec 2014: Submit “Authentication and Authorization Solution” as a WG item.

Related Activities

- CoRE WG : Constrained RESTful Environment
- DICE WG: DTLS In Constrained Environments
 - finishing DTLS profile
 - struck multicast
- COSE: spawned from JOSE
 - see object security
- T2TRG (proposed): Thing-to-Thing RG
 - Summary meeting: Monday, ~ 130 people
- 6Lo, 6TiSCH, LWIG, ROLL

Agenda

- Use Cases (Ludwig Seitz, 10 min)
- Public Safety Use Case (Akbar Rahman, 10 min)
- Actors (Stefanie Gerdes, 10 min)
- Authorization for Constrained RESTful Environments (Ludwig Seitz, 20 mins)
- DCAF Examples (Stefanie Gerdes, 20 min)
- Multicast Security (Sandeep S. Kumar, 20 min)
- OAuth and UMA (Hannes Tschofenig, 20 min)
- Simplified Key Exchange (Thomas Hardjono, 20 min)
- Privacy-Enhanced Tokens (Jorge Cuellar, 10 min)
- Wrap-up (Chairs, 5 min)