WIMSE Architecture

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Agenda

- Goals
- Status
- Next Steps

https://github.com/jsalowey/wimse-arch
Goals

● Terminology
● Threat Model and Security Requirements
● System Components, Roles and Interactions
Status of the Document

- Early Stages
- Start of Terminology
- Some Architecture
- Some Security Considerations
Terminology

- Refine definitions and add new ones
- Needs some alignment between different groups (SPIFFE and IETF)

- Workload
- “Security” Context
- Identity Proxy
- Agent
- Attestation
Architecture

Discussion of:

- Initial Identity Established
- Basic Service Authentication
- Security Context Propagation
- Cross-Boundary Workload Identity
Security Considerations

- Traffic Interceptions
- Information Disclosure
- Workload Compromise
Next Steps

- General Clean-Up
- Terminology Alignment
- Lots More refinement of Architecture
- Threat Model and Additional Security Work

New Revision - Identify Reviewers - Adoption Call?