

# WIMSE Architecture

Joe Salowey, Hannes Tschofenig, Yaroslav Rosomakho



# 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

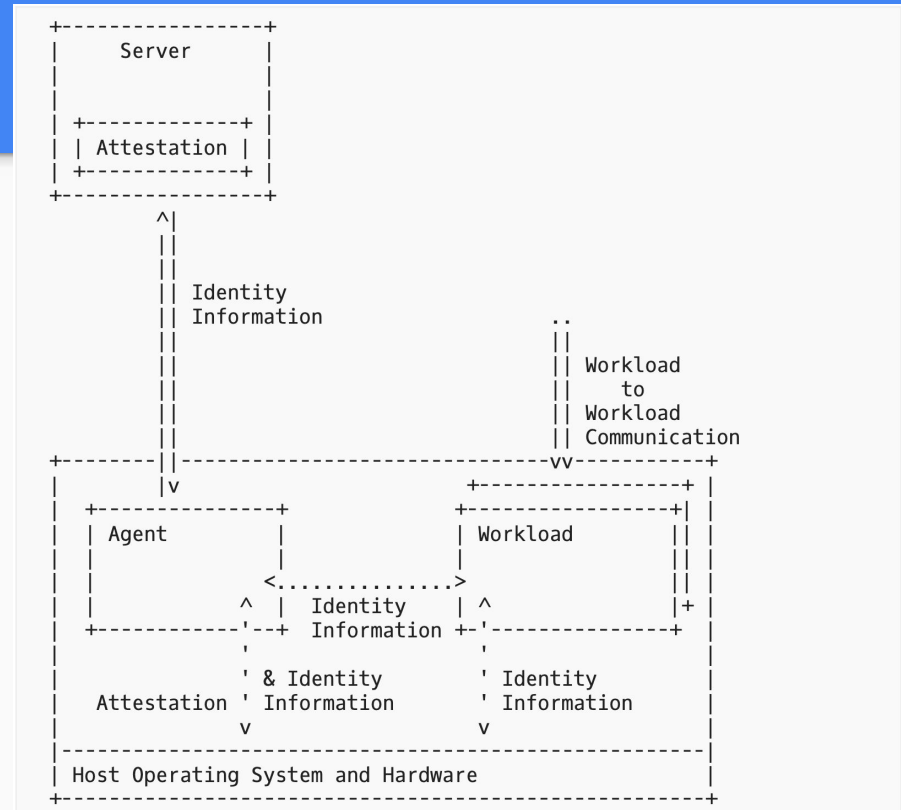
# Terminology

- 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?