Brian Campbell
Joe Salowey
Arndt Schwenkschuster
Yaron Sheffer
Yaroslav Rosomakho

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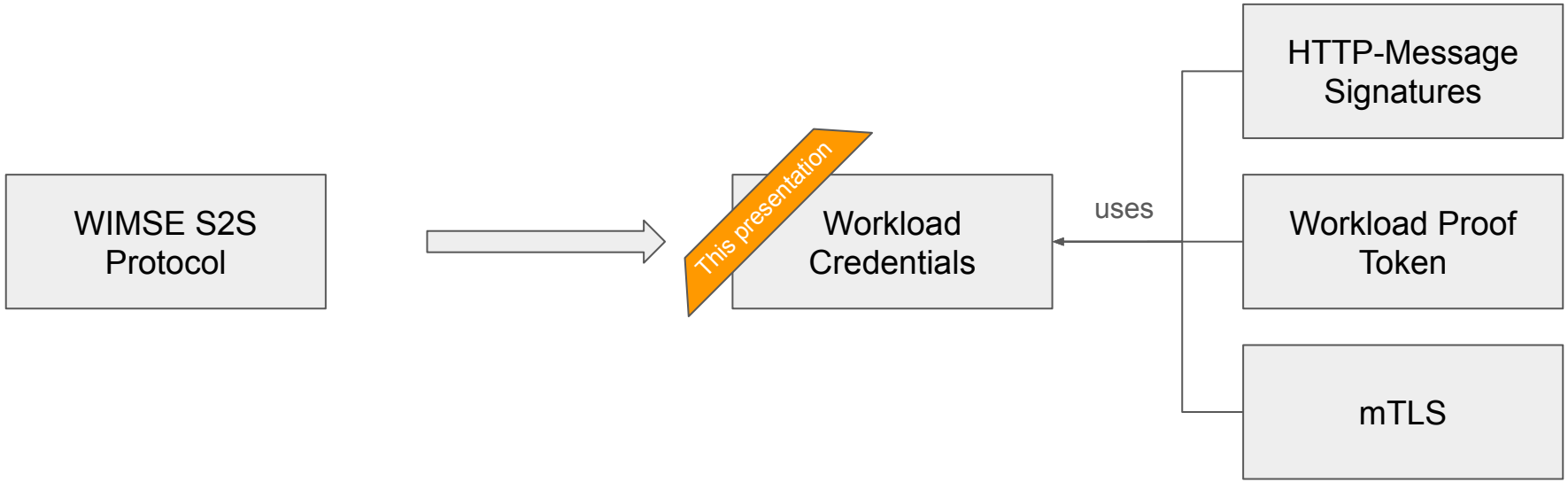
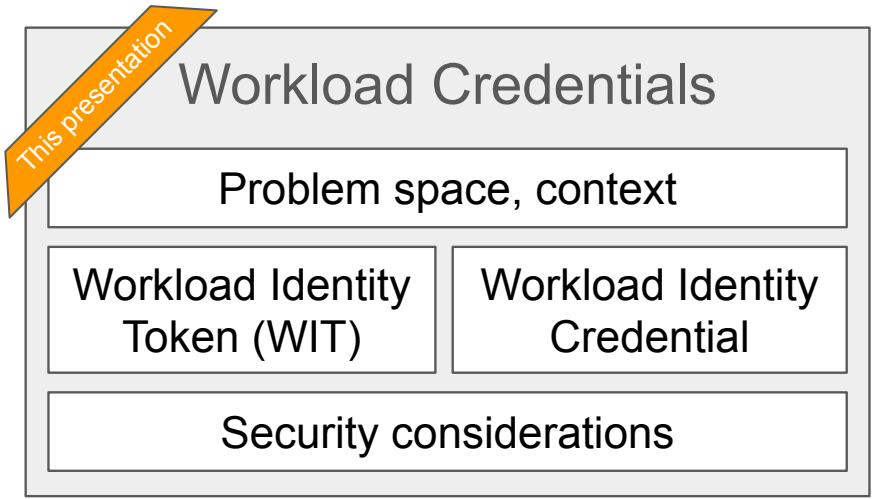
WIMSE
WORKLOAD CREDENTIALS

Evolution of the WIMSE S2S Protocol spec/s



Content Overview



Authentication with HTTP Signatures

- Protocol
- Security considerations

Workload Proof Token

- Protocol
- Workload Proof Token (WPT)
- Security considerations

Workload Authentication Using Mutual TLS

- Protocol
- Security considerations

Since IETF 123

Focus on Workload Credentials:

- New section on key management.
- Discuss extensibility of WIT
- Clarify error handling, specifically why not HTTP 401.
- Add registration request content for a wimse URI scheme.
- Add implementation status section
  - SPIFFE (Standard + 2 vendors)
- Update the [media]typ[e] values
  - From “wimse-id+jwt” to “wit+jwt”
- Add Yaroslav Rosomakho as co-author

Next steps

- Polish document split, such as location of some specific topics within security considerations
- Detangle existing issues
- Prioritize remaining issues for Workload Credentials