Federated SCIM AuthN/AuthZ

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Components

- Metadata
- Authentication
- Authorization

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Metadata

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Metadata via federation

- Publish endpoints and public keys via federation (as JSON/XML)
  - Well known, similar to SAML ID federation
  - Simple to implement for both federation and users (client/server)

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Metadata Contents

- Entity ID
- Endpoint certificate issuers
- Servers
  - List of name, URI and certificate pinning data
- Clients
  - List of name and certificate pinning data

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Authentication

- Via web server or reverse proxy
- Normal PKI client/server authentication
  - May be self-signed or private CA

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Authorization

- Certificate pinning based on metadata information
  - Public key hash per RFC 7469 (HPKP)
  - Performed by application – not web server

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Deployment Scenarios

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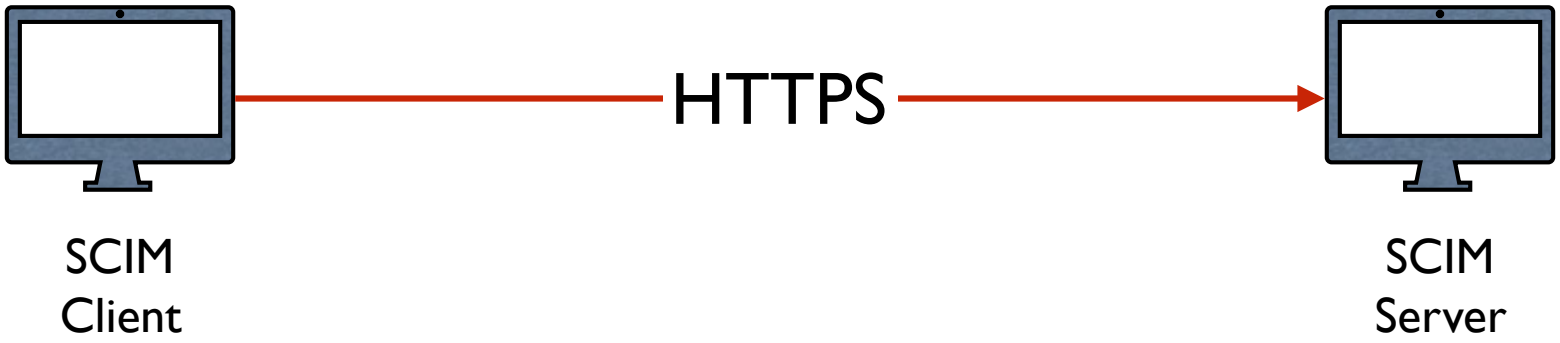

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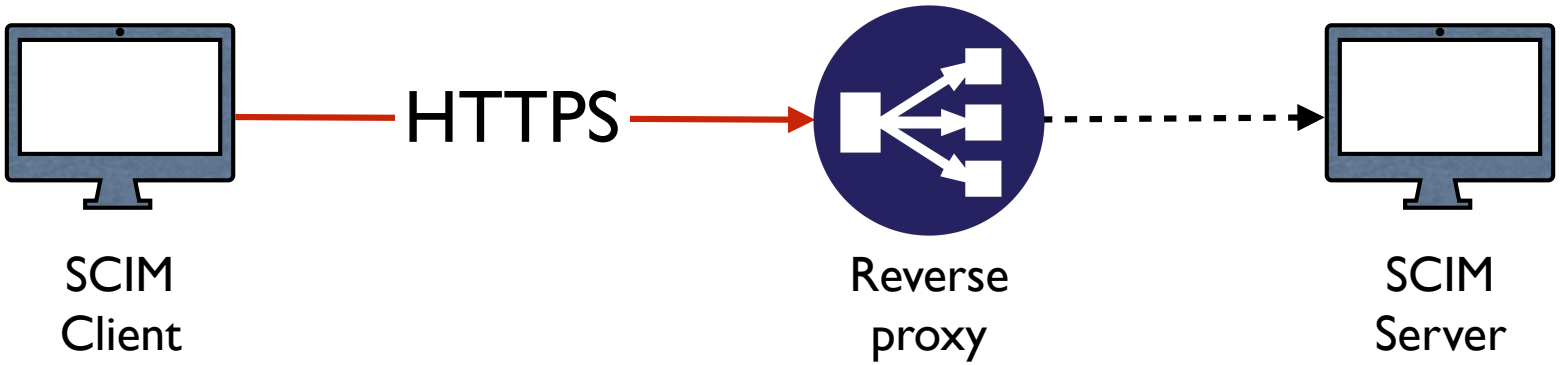

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https://github.com/kirei/scim-fed-auth

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