sip-saml-05

- ## Composed with sip-identity
  - – Intent is to provide attribute conveyance, *not* "authentication vouching" within SAML
    - • One of the attributes that can be shared is a certificate that can be used for the signature function of sip-identity

- ## The Identity-Info header is reused for providing a reference to a SAML assertion
  - – This requires a small fix to sip-identity-06
  - – SAML references in Identity-Info would be optional to support
    - • Presumably meaningful within a federation per SAML

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SAML Profile & Binding

- This has been a big missing piece for a while, now added thanks to Jeff Hodges!

- SIP SAML Profile
  - Specifies overall flow between parties
  - Employs SAML SIP Binding

- SAML SIP Binding
  - Specifies format of HTTP URL which is dereferenceable to obtain SAML assertion
  - SAML assertion can convey attributes, and cert, or point to cert

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What changes in implementations?

- In sip-identity-06 terms:
  - UAC
    - Nothing, really
  - Authentication Service
    - Mint SAML assertion
      - Embed or point to domain certificate
      - Embed attributes as well, per policy
        » Attributes, however, are not defined in sip-saml-05
    - Craft HTTP URL pointing to SAML assertion
  - Verifier
    - Be prepared to download a SAML assertion when dereferencing a URL in Identity-info SIP header
    - Obtain AS's domain certificate from the SAML assertion

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