IETF124 – Montreal
ACME

JWTClaimConstraints Authority Token Profile

draft-wendt-acme-authority-token-jwtclaimcon-03

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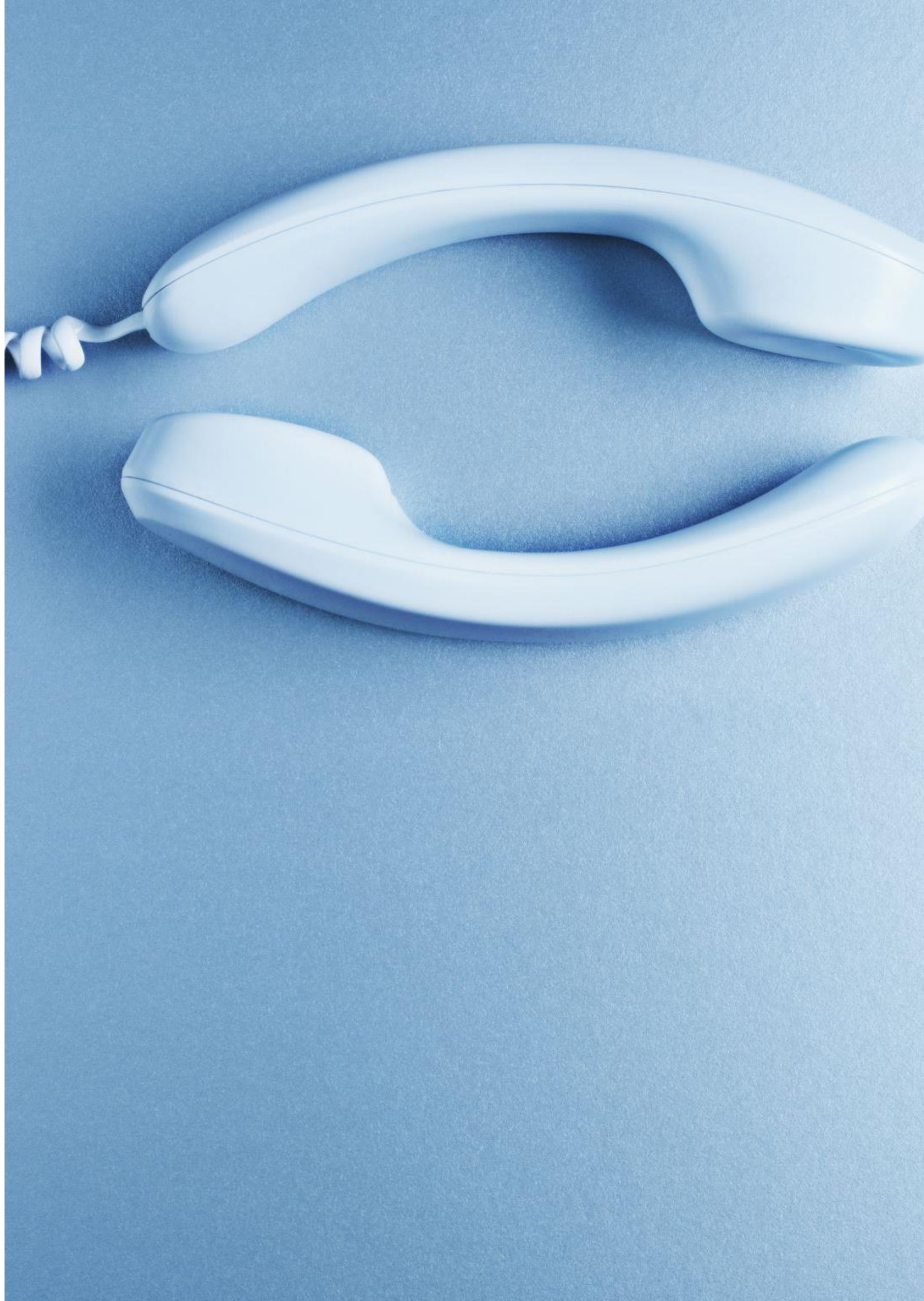
JWTClaimConstraints Authority Token Draft Status

- At IETF123, a number of folks came up to the mic saying they support the draft in the ACME meeting, additional discussion happened in STIR.
- Recent RFC9795 – RCD finalization has made this draft even more relevant and needed



FCC reference

[76] As we understand it, RFC 9795 is the "lead" IETF RCD standard governing transmission of caller identity information while RFC 9796 also provides for the use of optional parameters to enhance security for information in transit and to provide a specific approach to delivering the information from the terminating provider to the end-user. Is this accurate? The ATIS RCD standard, ATIS 100094v.002, describes implementation approaches for the IETF standards. We note that of the three standards, only the ATIS RCD standard requires that the call receive an A-level attestation before caller identity information can be included in the call. *See* ATIS-1000094v.002 at 13. Similarly, the ATIS RCD standard requires vetting of caller identification information, while RFC 9795 only suggests doing so as a best practice. *Compare* RFC 9795 at 22 ("[A]s a best practice, the accuracy and legitimacy of Rich Call Data information that is included in the claims is RECOMMENDED to follow a trust framework that is out of scope of this document. As with telephone numbers for the STIR framework, the authentication of Rich Call Data should follow some type of vetting process by an entity that is authoritative over determining the accuracy and legitimacy of that information."); *with* ATIS-1000094.v.002 at 13 ("The authentication service shall populate the information contained in or referenced by the 'rcd' claim based on vetted information. The source of the vetted information may be the contents of the 'rcd' claim in a verified 'rcd' PASSporT that complies with the Enhanced JWT Claim Constraints extension of the signing delegate certificate (*see* Clauses 5.3.1 and 5.3.2.3), or another source currently outside the scope of this document.")

version of any RCD standard we require must be used. If we do specify a standard, how should we balance the evolution of standards and provide implementation timelines for updated standards looking forward?

Next Steps

- We have gotten a few editorial review comments will quickly address when adopted.
- This is straight forward profile of Authority Token for RFC8226 defined X.509 Extension, think this can move quickly.
- Adoption?