

Proposed JWT Constraints Syntax

Warning: Composed during the presentation

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JWTClaimConstraints ::= SEQUENCE {

mustInclude [0] JWTClaimNames OPTIONAL,

-- The listed claim names MUST appear in the PASSporT in addition to iat, orig, dest

-- If absent, iat, orig, dest MUST appear in the PASSporT

permittedValues [1] JWTClaimPermittedValuesList OPTIONAL }

-- If the claim name is present, the claim MUST contain one of the listed values

(WITH COMPONENTS { ..., mustInclude PRESENT }

| WITH COMPONENTS { ..., permittedValues PRESENT })

JWTClaimPermittedValuesList SEQUENCE SIZE (1..MAX) OF JWTClaimPermittedValues

JWTClaimPermittedValues ::= SEQUENCE {

claim JWTClaimName,

permitted SEQUENCE SIZE (1..MAX) OF IA5String }

JWTClaimNames ::= SEQUENCE SIZE (1..MAX) OF JWTClaimName

JWTClaimName ::= IA5String