Human Readable
ASPA Notation

draft-timbru-sidrops-aspa-notation-01
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VAP Notation - Intention

• Define an information human readable notation for Validated ASPA Payloads (VAPs)
• Allow to create a consistency between RPKI Relying Party software output.
• Make it easy for operators to compare results
• Can be used for command line interfaces (CLI) and/or configurations
• Will be useful for documentation

• This is informational only and implementations can choose their own notation styles instead.
VAP Notation - ABNF

notation = customer-asid separator providers

customer-asid = asn

separator = " => "

providers = provider-as *(provider-separator provider-as)

provider-as = asn

provider-separator = ",",

asn = ["AS"] uint32

uint32 = %d0-4294967295

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Example Notation

AS65000 => AS65001
AS65000 => AS65002
AS65000 => AS65001, AS65002, AS65003

65000 => 65001
65000 => AS65002
65000 => 65001, 65002, 65003