

Network Device Interpretation # 201915

OCSP and Authority Information Access extension

Status: *Active* *Inactive*

Date: 16-Sep-2019

End of proposed Transition Period (to be updated after TR2TD process): 16-Sep-2019

Type of Change: Immediate application Minor change Major change

Type of Document: *Technical Decision* *Technical Recommendation*

Approved by: *Network iTC Interpretations Team* *Network iTC*

Affected Document(s): ND SD v2.1

Affected Section(s): FIA_X509_EXT.1/Rev , FIA_X509_EXT.2

Superseded Interpretation(s): None

Issue:

Is it mandatory to be able to process Authority Information Access (AIA) extension when claiming "OCSP as specified in RFC 6960" as per FIA_X509_EXT.1/Rev selection?

The Authority Information Access (AIA) is an X.509v3 extension that contains URI of the OCSP responder associated with the certificate. If the product always ignores AIA and instead requires manual configuration of an OCSP responder, does such product meet the requirements outlined in NDcPP? Please keep in mind that FIA_X509_EXT.2.2 allows "accept the certificate" selection, as such misconfiguring OCSP responder could lead to revocation checking not being done.

Resolution:

It is not mandatory for an NDcPP conformant TOE to be able to process AIA extension when claiming "OCSP as specified in RFC 6960" as per FIA_X509_EXT.1/Rev selection, because RFC 6960 sections 3.1 and 4.2.2.2 allow manual configuration of the accessLocation of the OCSP provider and OCSP signing authority, respectively.

Rationale:

See Resolution section.

Further Action:

None

Action by Network ITC:

None