

Network Device Interpretation # 201918rev3

Restricting FTP_ITC.1 to only IP address identifiers

Status: *Active* *Inactive*

Date: *10-Nov-2020*

End of proposed Transition Period (to be updated after TR2TD process): *10-Nov-2020*

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): *NDcPPv2.1, NDcPPv2.2*

Affected Section(s): *FTP_ITC.1*

Superseded Interpretation(s): *None*

Issue:

Issue: Is it mandatory to support DNS resolution with FTP_ITC.1 Inter-TSF trusted channel? Would an implementation that does not claim to support DNS resolution (i.e. guidance instructs to only use IP addresses when configuring FTP_ITC.1 channels) would result in an automatic failure of associated assurance activities?

Resolution:

DNS resolution is not mandatory to support FTP_ITC.1. There are no resolution mandates or requirements in RFC 6125.

The use of the dnsName identifiers in X.509 certificates must be supported by TOEs that claim FCS_DTLSC_EXT or FCS_TLSC_EXT when associated with FTP_ITC.1. Inability to parse dnsName identifiers shall be considered a failure to meet these requirements.

Rationale:

Support of RFC 6125 is required when FCS_DTLS_EXT.1.2 or FCS_TLS_EXT.1.2 are used with either FTP_ITC or FTP_TRP.

Further Action:

None

Action by Network iTC:

None