ANSI/NIST-ITL Workshop
July 27-29, 2010

Domain Name/

TOT Field Expansion

Domain Field

- ## Need
  - Make Domain Field mandatory as of this version of the standard
  - Ability to register unique implementations of an ANSI/NIST domain, as well as a central location for contact information for each of the sub-domains
  - Provision of links through the NIST website to user-specific sub-domain descriptions (or possibly collection on the NIST website) of state-specific Type-2 record fields
  - Expansion of Type 1 Domain field (1.013) to include Organization, domain name, and version number of specification used by the sender
    - Example:

Org	FBI	TXDPS
DomainName (DNM)	NORAM	TX Spec
Domain Version Nbr (DVN)	EBTS 9.1	2010

Example

- Example
  - Highest level of standard definition is ANSI/NIST-ITL 1-2010 (denoted by field 1.002 VER)
  - FBI controls the North America Domain (NORAM), Texas DPS defines Texas-specific Type-2 record fields within the field numbers allocated by FBI
  - Point of contact for Texas DPS – Mike Lesko
  - Excel spreadsheet accessible through NIST website as hyperlink displaying Texas-defined Type-2 fields

Recommendation

- Approve Domain as a mandatory field
- Expand Type-1 field 1.013 Domain to include additional information fields separated by <RS> separator
  - 1:013: DomainName<US> DomainVersion Number<RS> Sub-domainName <US> Sub-Domain VersionNumber
  - EX: 1.013: NORAM<US>EBTS9.1<RS>TXDPS<US>TXDPS4.1<GS>
  - If approved, details of character types and lengths will be defined
- NIST establish and maintain registry of domains/sub-domains, points of contact and links to online spreadsheets with user-defined fields on fingerprints.nist.gov

TOT Field Expansion

- Need
  - Allow particular application profiles to determine the maximum number of characters for TOT field
- Example
  - NORAM domain will define TOT field as Min=4, Max=5 to accommodate a TOT such as RPISR (Rapid Print Image Search Response)
- Recommendation
  - Removal of restriction on the character length of TOT field