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MTS Update

1.   The ETSI TC MTS (Methods for Testing and Specification) has a number of security-related activities that may be of interest to TC CYBER.

2.   TC MTS maintains Liaisons with:
   - ITU-T SG17
   - ISO/IEC JTC 1/SC 27 WG3
   - ISO/IEC JTC 1/SC 27 WG4

3.   The TC MTS published deliverables are:
   - TR 101 582 - Security Testing: Case Study Experiences
   - TR 101 583 - Security Testing: Basic Terminology
   - TR 203 251 - Risk-based security assessment and testing methodologies

4.   The TC MTS Work Items with deliverables in progress are:
   - EG 203 250 - Security Assurance Activities in the System Lifecycle

The final draft of the EG will be available no later than April 2016, for TB approval in May 2016, and TC MTS are requesting to provide a briefing to ETSI Security Week in June 2016, which is co-located with a TC CYBER meeting.

5.   TC MTS are currently developing its future Work Plan, in particular on Automation of Security Testing (AST), with particular reference to Model Based Testing (MBT).   This is based on evolving the current core list of "Security Functional Classes" (SFC) which encapsulate common and recurring security features that may be found in multiple systems.

6.   The outline of possible TC MTS AST Work Items would be:
   - AST#1 – Development of SFD Catalogue (deriving the Security Functional Definition (SFD) XML structure for each core SFC)
   - AST#2 – Investigation of semi-automated AST workflow Phase 1 (using an example SFD as input to TPLan) and produce Report

- AST#3 – Investigation of semi-automated AST workflow Phase 2 (using TPLan converted example SFD as input to TDL) and produce Report
- AST#4 – Investigation of conversion of Requirements Statements in SFD Catalogue into Ontology
- AST#5 – Construction of Test Pattern Catalogue should AST#2 and AST#3 be successful

7.   The next TC MTS Meeting (#68) will be 11-12 May 2016 in Budapest.

8.   Should TC CYBER members have any input on the TC MTS activities under consideration, please either contact the Rapporteurs listed above, or consider directly engaging in TC MTS.