DEG 201 581 – Work Plan

Methods for Testing and Specification (MTS);

Security design guide enabling test and assurance (V&V)

v0.B DRAFT

2013-10-01

**ETSI GUIDE**

# 3 Definitions, symbols and abbreviations

## 3.1 Definitions

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Identification | Collate terminology specifically needed for this document | ?Scott? |
| MTS-101583 | Ensure alignment | ??? |

## 3.3 Abbreviations

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Identification | Collate abbreviations specifically needed for this document | ?Scott? |

# 5 Security design activities

## 5.3 Security design and implementation processes

### 5.3.1 Adversity Analysis (AA)

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| TVRA | Review and update the TVRA guidance referencing TS 102 165-1 | Scott |
| Adversity | Extend to include Asset and Adversity (Hazard + Threat) Analysis | Ian |

### 5.3.2 Risk Analysis (RA)

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| TVRA | Review and update the TVRA guidance referencing TS 102 165-1 | Scott |

### 5.3.3 Vulnerability Analysis (VA)

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| TVRA | Review and update the TVRA guidance referencing TS 102 165-1 | Scott |

### 5.3.4 Architectural Reference Model (ARM)

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| ARM | Merge in detail on ARM | Ian |

### 5.3.5 Architectural Reference Case (ARC)

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| ARC | Merge in detail on ARC | Ian |

### 5.3.6 Architectural Specification Case (ASC)

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| ASC | Review and update the guidance for the use of functional modelling for CC (EG 202 387) | Scott |

### 5.3.7 Design and/or Effect Classes

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Classes | Guidance on how to perform Selection and Implementation, from stalled ISO/IEC JTC1 WG4 WI SAF, linking to Annex B | Ian |

### 5.3.8 System Design

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Design | ??? | ?Scott? |

### 5.3.9 Traceable Implementation

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Implementation | ??? | ?Scott? |

### 5.3.10 Integration and Configuration

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Integration | ??? | ?Scott? |

## 5.4 Assurance and Testing processes

### 5.4.1 Testing

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Alignment | Reference out to TS 101 583 | ??? |
| TISPAN | Use of CC – extension of work done in TISPAN – Annex C / D | Scott |

### 5.4.2 Assurance

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Alignment | Reference out to ISO/IEC 15026 Assurance Cases | Scott |
| Assurance | Include Assurance and Acceptance Review | ?Scott? |
| Release | Include Release Review | ?Scott? |

## 5.5 Post-implementaion processes

### 5.6.1 Commissioning

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Commissioning | ??? | ?Scott? |

### 5.6.2 Operation

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Compliane | Guidance on how to perform Compliance Reviews (incl. Vulnerability Test and Susceptability (“Penetration”) Test) | Ian |
| Upkeep | Guidance on how regular upkeep (Configuration and Patching) | Ian |

### 5.6.4 Disposal

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Disposal | Guidance on how to design a Decommissioning Process, including Reviews | ?Scott? |

# 6 Tools and methods mapping to lifecycle stages and security processes

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Alignment | Describe use of UML. SDL, TTCN3, TPlan (new name ??), mapping as necessary to TS 102 165-1, TR 187 023 and the CC stuff. | Scott |
| Alignment | MTS-101583 | ??? |

Annex C (informative):  
Application of common criteria in security standardisation

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| Common Criteria | Review and update the CC guidance referencing ETSI EG 202 387 | Scott |

Annex D (informative):  
Application of security assurance profile in security standardisation

|  |  |  |
| --- | --- | --- |
| **Topic** | **Action** | **Lead** |
| TVRA | Review and update the TISPAN guidance referencing ETSI TR 197 023 | Scott |