

ISO/IEC 20243-2:2018-01 (E)

Information technology - Open Trusted Technology Provider™ Standard (O-TTPS) - Mitigating maliciously tainted and counterfeit products - Part 2: Assessment procedures for the O-TTPS and ISO/IEC 20243-1:2018

Contents

- 1. Introduction 1
 - 1.1 Scope 1
 - 1.2 Normative References 1
 - 1.3 Terms and Definitions 1
 - 1.3.1 Distributor 1
 - 1.3.2 Evidence of Conformance 1
 - 1.3.3 Implementation Evidence 1
 - 1.3.4 O-TTPS Requirements 1
 - 1.3.5 Organization 1
 - 1.3.6 Pass-Through Reseller 2
 - 1.3.7 Process Evidence 2
 - 1.3.8 Scope of Assessment 2
 - 1.3.9 Selected Representative Product 2
- 2. General Concepts 3
 - 2.1 The O-TTPS 3
 - 2.2 Assessment Concepts: Relevance of Scope of Assessment and Selected Representative Products 3
 - 2.3 Relevance of IT Technology Provider Categories in the Supply Chain 4
- 3. Assessment Requirements 6
 - 3.1 General Requirements for Assessor Activities 6
 - 3.1.1 General Requirements for Evidence of Conformance 6
- 4. Assessor Activities for O-TTPS Requirements 8
 - 4.1 PD_DES: Software/Firmware/Hardware Design Process 8
 - 4.2 PD_CFM: Configuration Management 9
 - 4.3 PD_MPP: Well-defined Development/Engineering Method Process and Practices 11
 - 4.4 PD_QAT: Quality and Test Management 11
 - 4.5 PD_PSM: Product Sustainment Management 13
 - 4.6 SE_TAM: Threat Analysis and Mitigation 14
 - 4.7 SE_VAR: Vulnerability Analysis and Response 16
 - 4.8 SE_PPR: Product Patching and Remediation 17
 - 4.9 SE_SEP: Secure Engineering Practices 17
 - 4.10 SE_MTL: Monitor and Assess the Impact of Changes in the Threat Landscape 19
 - 4.11 SC_RSM: Risk Management 20
 - 4.12 SC_PHS: Physical Security 21
 - 4.13 SC_ACC: Access Controls 22
 - 4.14 SC_ESS: Employee and Supplier Security and Integrity 23
 - 4.15 SC_BPS: Business Partner Security 24
 - 4.16 SC_STR: Supply Chain Security Training 24
 - 4.17 SC_ISS: Information Systems Security 25
 - 4.18 SC_TTC: Trusted Technology Components 25
 - 4.19 SC_STH: Secure Transmission and Handling 26
 - 4.20 SC_OSH: Open Source Handling 28
 - 4.21 SC_CTM: Counterfeit Mitigation 29
 - 4.22 SC_MAL: Malware Detection 30
 - A.1 Guidance 32