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**oSIST prEN ISO/IEC 15408-3:2020**  
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**Informacijska tehnologija - Varnostne tehnike - Merila za vrednotenje varnosti IT -  
3. del: Komponente za zagotavljanje varnosti (ISO/IEC 15408-3:2008)**

Information technology - Security techniques - Evaluation criteria for IT security - Part 3:  
Security assurance components (ISO/IEC 15408-3:2008)

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Teil 3: Komponenten zur Sicherheitskontrolle (ISO/IEC 15408-3:2008)

Technologies de l'information - Techniques de sécurité - Critères d'évaluation pour la  
sécurité TI - Partie 3: Composants d'assurance de sécurité (ISO/IEC 15408-3:2008)

**Ta slovenski standard je istoveten z: prEN ISO/IEC 15408-3**

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## **Information technology Security techniques — Evaluation criteria for IT security —**

### **Part 3: Security assurance components**

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## Contents

	Page
<b>Foreword .....</b>	<b>ix</b>
<b>Introduction.....</b>	<b>xi</b>
<b>1 Scope .....</b>	<b>1</b>
<b>2 Normative references.....</b>	<b>1</b>
<b>3 Terms and definitions, symbols and abbreviated terms.....</b>	<b>1</b>
<b>4 Overview.....</b>	<b>1</b>
<b>4.1 Organisation of this part of ISO/IEC 15408 .....</b>	<b>1</b>
<b>5 Assurance paradigm .....</b>	<b>2</b>
<b>5.1 ISO/IEC 15408 philosophy .....</b>	<b>2</b>
<b>5.2 Assurance approach .....</b>	<b>2</b>
<b>5.2.1 Significance of vulnerabilities.....</b>	<b>2</b>
<b>5.2.2 Cause of vulnerabilities .....</b>	<b>3</b>
<b>5.2.3 ISO/IEC 15408 assurance.....</b>	<b>3</b>
<b>5.2.4 Assurance through evaluation.....</b>	<b>3</b>
<b>5.3 ISO/IEC 15408 evaluation assurance scale.....</b>	<b>3</b>
<b>6 Security assurance components .....</b>	<b>4</b>
<b>6.1 Security assurance classes, families and components structure .....</b>	<b>4</b>
<b>6.1.1 Assurance class structure.....</b>	<b>4</b>
<b>6.1.2 Assurance family structure .....</b>	<b>5</b>
<b>6.1.3 Assurance component structure .....</b>	<b>6</b>
<b>6.1.4 Assurance elements.....</b>	<b>8</b>
<b>6.1.5 Component taxonomy.....</b>	<b>8</b>
<b>6.2 EAL structure.....</b>	<b>9</b>
<b>6.2.1 EAL name .....</b>	<b>9</b>
<b>6.2.2 Objectives .....</b>	<b>9</b>
<b>6.2.3 Application notes .....</b>	<b>9</b>
<b>6.2.4 Assurance components.....</b>	<b>10</b>
<b>6.2.5 Relationship between assurances and assurance levels .....</b>	<b>10</b>
<b>6.3 CAP structure .....</b>	<b>11</b>
<b>6.3.1 CAP name.....</b>	<b>11</b>
<b>6.3.2 Objectives .....</b>	<b>11</b>
<b>6.3.3 Application notes .....</b>	<b>11</b>
<b>6.3.4 Assurance components.....</b>	<b>12</b>
<b>6.3.5 Relationship between assurances and assurance levels .....</b>	<b>13</b>
<b>7 Evaluation assurance levels .....</b>	<b>13</b>
<b>7.1 Evaluation assurance level (EAL) overview .....</b>	<b>14</b>
<b>7.2 Evaluation assurance level details .....</b>	<b>15</b>
<b>7.3 Evaluation assurance level 1 (EAL1) - functionally tested.....</b>	<b>15</b>
<b>7.3.1 Objectives .....</b>	<b>15</b>
<b>7.3.2 Assurance components.....</b>	<b>16</b>
<b>7.4 Evaluation assurance level 2 (EAL2) - structurally tested .....</b>	<b>16</b>
<b>7.4.1 Objectives .....</b>	<b>16</b>
<b>7.4.2 Assurance components.....</b>	<b>16</b>
<b>7.5 Evaluation assurance level 3 (EAL3) - methodically tested and checked.....</b>	<b>17</b>
<b>7.5.1 Objectives .....</b>	<b>17</b>
<b>7.5.2 Assurance components.....</b>	<b>17</b>
<b>7.6 Evaluation assurance level 4 (EAL4) - methodically designed, tested, and reviewed.....</b>	<b>18</b>
<b>7.6.1 Objectives .....</b>	<b>18</b>
<b>7.6.2 Assurance components.....</b>	<b>18</b>

7.7	Evaluation assurance level 5 (EAL5) - semiformally designed and tested .....	19
7.7.1	Objectives.....	19
7.7.2	Assurance components .....	19
7.8	Evaluation assurance level 6 (EAL6) - semiformally verified design and tested.....	20
7.8.1	Objectives.....	20
7.8.2	Assurance components .....	20
7.9	Evaluation assurance level 7 (EAL7) - formally verified design and tested.....	21
7.9.1	Objectives.....	21
7.9.2	Assurance components .....	22
8	Composed assurance packages .....	23
8.1	Composed assurance package (CAP) overview .....	23
8.2	Composed assurance package details .....	24
8.3	Composition assurance level A (CAP-A) - Structurally composed .....	24
8.3.1	Objectives.....	24
8.3.2	Assurance components .....	24
8.4	Composition assurance level B (CAP-B) - Methodically composed .....	25
8.4.1	Objectives.....	25
8.4.2	Assurance components .....	25
8.5	Composition assurance level C (CAP-C) - Methodically composed, tested and reviewed .....	26
8.5.1	Objectives.....	26
8.5.2	Assurance components .....	26
9	Class APE: Protection Profile evaluation.....	27
9.1	PP introduction (APE_INT) .....	28
9.1.1	Objectives.....	28
9.1.2	APE_INT.1 PP introduction.....	28
9.2	Conformance claims (APE_CCL) .....	29
9.2.1	Objectives.....	29
9.2.2	APE_CCL.1 Conformance claims.....	29
9.3	Security problem definition (APE_SPD).....	31
9.3.1	Objectives.....	31
9.3.2	APE_SPD.1 Security problem definition .....	31
9.4	Security objectives (APE_OBJ).....	31
9.4.1	Objectives.....	31
9.4.2	Component levelling .....	32
9.4.3	APE_OBJ.1 Security objectives for the operational environment.....	32
9.4.4	APE_OBJ.2 Security objectives .....	32
9.5	Extended components definition (APE_ECD) .....	33
9.5.1	Objectives.....	33
9.5.2	APE_ECD.1 Extended components definition .....	33
9.6	Security requirements (APE_REQ) .....	34
9.6.1	Objectives.....	34
9.6.2	Component levelling .....	34
9.6.3	APE_REQ.1 Stated security requirements .....	34
9.6.4	APE_REQ.2 Derived security requirements .....	35
10	Class ASE: Security Target evaluation.....	36
10.1	ST introduction (ASE_INT).....	37
10.1.1	Objectives.....	37
10.1.2	ASE_INT.1 ST introduction .....	37
10.2	Conformance claims (ASE_CCL) .....	38
10.2.1	Objectives.....	38
10.2.2	ASE_CCL.1 Conformance claims.....	38
10.3	Security problem definition (ASE_SPD) .....	40
10.3.1	Objectives.....	40
10.3.2	ASE_SPD.1 Security problem definition .....	40
10.4	Security objectives (ASE_OBJ).....	41
10.4.1	Objectives.....	41
10.4.2	Component levelling .....	41
10.4.3	ASE_OBJ.1 Security objectives for the operational environment.....	41

10.4.4	ASE_OBJ.2 Security objectives .....	41
10.5	Extended components definition (ASE_ECD) .....	42
10.5.1	Objectives .....	42
10.5.2	ASE_ECD.1 Extended components definition.....	42
10.6	Security requirements (ASE_REQ) .....	43
10.6.1	Objectives .....	43
10.6.2	Component levelling .....	43
10.6.3	ASE_REQ.1 Stated security requirements.....	44
10.6.4	ASE_REQ.2 Derived security requirements .....	44
10.7	TOE summary specification (ASE_TSS) .....	46
10.7.1	Objectives .....	46
10.7.2	Component levelling .....	46
10.7.3	ASE_TSS.1 TOE summary specification.....	46
10.7.4	ASE_TSS.2 TOE summary specification with architectural design summary .....	47
11	Class ADV: Development.....	48
11.1	Security Architecture (ADV_ARC) .....	52
11.1.1	Objectives .....	52
11.1.2	Component levelling .....	52
11.1.3	Application notes .....	52
11.1.4	ADV_ARC.1 Security architecture description.....	53
11.2	Functional specification (ADV_FSP) .....	54
11.2.1	Objectives .....	54
11.2.2	Component levelling .....	54
11.2.3	Application notes .....	54
11.2.4	ADV_FSP.1 Basic functional specification .....	56
11.2.5	ADV_FSP.2 Security-enforcing functional specification.....	57
11.2.6	ADV_FSP.3 Functional specification with complete summary .....	58
11.2.7	ADV_FSP.4 Complete functional specification .....	59
11.2.8	ADV_FSP.5 Complete semi-formal functional specification with additional error information.....	60
11.2.9	ADV_FSP.6 Complete semi-formal functional specification with additional formal specification.....	61
11.3	Implementation representation (ADV_IMP) .....	63
11.3.1	Objectives .....	63
11.3.2	Component levelling .....	63
11.3.3	Application notes .....	63
11.3.4	ADV_IMP.1 Implementation representation of the TSF .....	64
11.3.5	ADV_IMP.2 Complete mapping of the implementation representation of the TSF.....	64
11.4	TSF internals (ADV_INT) .....	65
11.4.1	Objectives .....	65
11.4.2	Component levelling .....	65
11.4.3	Application notes .....	65
11.4.4	ADV_INT.1 Well-structured subset of TSF internals.....	66
11.4.5	ADV_INT.2 Well-structured internals.....	67
11.4.6	ADV_INT.3 Minimally complex internals .....	68
11.5	Security policy modelling (ADV_SPM) .....	69
11.5.1	Objectives .....	69
11.5.2	Component levelling .....	69
11.5.3	Application notes .....	69
11.5.4	ADV_SPM.1 Formal TOE security policy model.....	70
11.6	TOE design (ADV_TDS) .....	71
11.6.1	Objectives .....	71
11.6.2	Component levelling .....	71
11.6.3	Application notes .....	71
11.6.4	ADV_TDS.1 Basic design.....	72
11.6.5	ADV_TDS.2 Architectural design .....	73
11.6.6	ADV_TDS.3 Basic modular design .....	74
11.6.7	ADV_TDS.4 Semiformal modular design .....	76
11.6.8	ADV_TDS.5 Complete semiformal modular design .....	77

<b>11.6.9 ADV_TDS.6 Complete semiformal modular design with formal high-level design presentation .....</b>	<b>78</b>
<b>12 Class AGD: Guidance documents .....</b>	<b>80</b>
<b>12.1 Operational user guidance (AGD_OPE) .....</b>	<b>80</b>
<b>12.1.1 Objectives .....</b>	<b>80</b>
<b>12.1.2 Component levelling .....</b>	<b>81</b>
<b>12.1.3 Application notes .....</b>	<b>81</b>
<b>12.1.4 AGD_OPE.1 Operational user guidance .....</b>	<b>81</b>
<b>12.2 Preparative procedures (AGD_PRE) .....</b>	<b>82</b>
<b>12.2.1 Objectives .....</b>	<b>82</b>
<b>12.2.2 Component levelling .....</b>	<b>82</b>
<b>12.2.3 Application notes .....</b>	<b>82</b>
<b>12.2.4 AGD_PRE.1 Preparative procedures .....</b>	<b>83</b>
<b>13 Class ALC: Life-cycle support .....</b>	<b>83</b>
<b>13.1 CM capabilities (ALC_CMC) .....</b>	<b>84</b>
<b>13.1.1 Objectives .....</b>	<b>84</b>
<b>13.1.2 Component levelling .....</b>	<b>85</b>
<b>13.1.3 Application notes .....</b>	<b>85</b>
<b>13.1.4 ALC_CMC.1 Labelling of the TOE .....</b>	<b>85</b>
<b>13.1.5 ALC_CMC.2 Use of a CM system .....</b>	<b>86</b>
<b>13.1.6 ALC_CMC.3 Authorisation controls .....</b>	<b>87</b>
<b>13.1.7 ALC_CMC.4 Production support, acceptance procedures and automation .....</b>	<b>88</b>
<b>13.1.8 ALC_CMC.5 Advanced support .....</b>	<b>90</b>
<b>13.2 CM scope (ALC_CMS) .....</b>	<b>92</b>
<b>13.2.1 Objectives .....</b>	<b>92</b>
<b>13.2.2 Component levelling .....</b>	<b>93</b>
<b>13.2.3 Application notes .....</b>	<b>93</b>
<b>13.2.4 ALC_CMS.1 TOE CM coverage .....</b>	<b>93</b>
<b>13.2.5 ALC_CMS.2 Parts of the TOE CM coverage .....</b>	<b>93</b>
<b>13.2.6 ALC_CMS.3 Implementation representation CM coverage .....</b>	<b>94</b>
<b>13.2.7 ALC_CMS.4 Problem tracking CM coverage .....</b>	<b>95</b>
<b>13.2.8 ALC_CMS.5 Development tools CM coverage .....</b>	<b>96</b>
<b>13.3 Delivery (ALC_DEL) .....</b>	<b>97</b>
<b>13.3.1 Objectives .....</b>	<b>97</b>
<b>13.3.2 Component levelling .....</b>	<b>97</b>
<b>13.3.3 Application notes .....</b>	<b>97</b>
<b>13.3.4 ALC_DEL.1 Delivery procedures .....</b>	<b>98</b>
<b>13.4 Development security (ALC_DVS) .....</b>	<b>98</b>
<b>13.4.1 Objectives .....</b>	<b>98</b>
<b>13.4.2 Component levelling .....</b>	<b>98</b>
<b>13.4.3 Application notes .....</b>	<b>98</b>
<b>13.4.4 ALC_DVS.1 Identification of security measures .....</b>	<b>99</b>
<b>13.4.5 ALC_DVS.2 Sufficiency of security measures .....</b>	<b>99</b>
<b>13.5 Flaw remediation (ALC_FLR) .....</b>	<b>100</b>
<b>13.5.1 Objectives .....</b>	<b>100</b>
<b>13.5.2 Component levelling .....</b>	<b>100</b>
<b>13.5.3 Application notes .....</b>	<b>100</b>
<b>13.5.4 ALC_FLR.1 Basic flaw remediation .....</b>	<b>100</b>
<b>13.5.5 ALC_FLR.2 Flaw reporting procedures .....</b>	<b>101</b>
<b>13.5.6 ALC_FLR.3 Systematic flaw remediation .....</b>	<b>102</b>
<b>13.6 Life-cycle definition (ALC_LCD) .....</b>	<b>104</b>
<b>13.6.1 Objectives .....</b>	<b>104</b>
<b>13.6.2 Component levelling .....</b>	<b>104</b>
<b>13.6.3 Application notes .....</b>	<b>104</b>
<b>13.6.4 ALC_LCD.1 Developer defined life-cycle model .....</b>	<b>105</b>
<b>13.6.5 ALC_LCD.2 Measurable life-cycle model .....</b>	<b>106</b>
<b>13.7 Tools and techniques (ALC_TAT) .....</b>	<b>106</b>
<b>13.7.1 Objectives .....</b>	<b>106</b>
<b>13.7.2 Component levelling .....</b>	<b>107</b>

13.7.3	Application notes .....	107
13.7.4	ALC_TAT.1 Well-defined development tools.....	107
13.7.5	ALC_TAT.2 Compliance with implementation standards .....	108
13.7.6	ALC_TAT.3 Compliance with implementation standards - all parts .....	108
14	Class ATE: Tests .....	109
14.1	Coverage (ATE_COV).....	110
14.1.1	Objectives .....	110
14.1.2	Component levelling .....	110
14.1.3	Application notes .....	110
14.1.4	ATE_COV.1 Evidence of coverage .....	110
14.1.5	ATE_COV.2 Analysis of coverage .....	111
14.1.6	ATE_COV.3 Rigorous analysis of coverage .....	112
14.2	Depth (ATE_DPT).....	112
14.2.1	Objectives .....	112
14.2.2	Component levelling .....	113
14.2.3	Application notes .....	113
14.2.4	ATE_DPT.1 Testing: basic design .....	113
14.2.5	ATE_DPT.2 Testing: security enforcing modules.....	114
14.2.6	ATE_DPT.3 Testing: modular design .....	114
14.2.7	ATE_DPT.4 Testing: implementation representation .....	115
14.3	Functional tests (ATE_FUN).....	116
14.3.1	Objectives .....	116
14.3.2	Component levelling .....	116
14.3.3	Application notes .....	116
14.3.4	ATE_FUN.1 Functional testing .....	117
14.3.5	ATE_FUN.2 Ordered functional testing.....	117
14.4	Independent testing (ATE_IND) .....	118
14.4.1	Objectives .....	118
14.4.2	Component levelling .....	118
14.4.3	Application notes .....	119
14.4.4	ATE_IND.1 Independent testing - conformance .....	119
14.4.5	ATE_IND.2 Independent testing - sample .....	120
14.4.6	ATE_IND.3 Independent testing - complete .....	121
15	Class AVA: Vulnerability assessment.....	122
15.1	Application notes .....	122
15.2	Vulnerability analysis (AVA_VAN) .....	123
15.2.1	Objectives .....	123
15.2.2	Component levelling .....	123
15.2.3	AVA_VAN.1 Vulnerability survey .....	123
15.2.4	AVA_VAN.2 Vulnerability analysis .....	124
15.2.5	AVA_VAN.3 Focused vulnerability analysis .....	125
15.2.6	AVA_VAN.4 Methodical vulnerability analysis .....	126
15.2.7	AVA_VAN.5 Advanced methodical vulnerability analysis .....	127
16	Class ACO: Composition .....	128
16.1	Composition rationale (ACO_COR) .....	130
16.1.1	Objectives .....	130
16.1.2	Component levelling .....	130
16.1.3	ACO_COR.1 Composition rationale .....	131
16.2	Development evidence (ACO_DEV).....	131
16.2.1	Objectives .....	131
16.2.2	Component levelling .....	131
16.2.3	Application notes .....	131
16.2.4	ACO_DEV.1 Functional Description .....	132
16.2.5	ACO_DEV.2 Basic evidence of design .....	132
16.2.6	ACO_DEV.3 Detailed evidence of design .....	133
16.3	Reliance of dependent component (ACO_REL) .....	134
16.3.1	Objectives .....	134
16.3.2	Component levelling .....	135

16.3.3 Application notes.....	135
16.3.4 ACO_REL.1 Basic reliance information .....	135
16.3.5 ACO_REL.2 Reliance information .....	136
16.4 Composed TOE testing (ACO_CTT).....	136
16.4.1 Objectives.....	136
16.4.2 Component levelling .....	136
16.4.3 Application notes.....	136
16.4.4 ACO_CTT.1 Interface testing .....	137
16.4.5 ACO_CTT.2 Rigorous interface testing .....	138
16.5 Composition vulnerability analysis (ACO_VUL).....	139
16.5.1 Objectives.....	139
16.5.2 Component levelling .....	139
16.5.3 Application notes.....	140
16.5.4 ACO_VUL.1 Composition vulnerability review .....	140
16.5.5 ACO_VUL.2 Composition vulnerability analysis .....	141
16.5.6 ACO_VUL.3 Enhanced-Basic Composition vulnerability analysis.....	141
<b>Annex A (informative) Development (ADV).....</b>	<b>143</b>
A.1 ADV_ARC: Supplementary material on security architectures .....	143
A.1.1 Security architecture properties .....	143
A.1.2 Security architecture descriptions.....	144
A.2 ADV_FSP: Supplementary material on TSFIs .....	146
A.2.1 Determining the TSFI.....	146
A.2.2 Example: A complex DBMS .....	148
A.2.3 Example Functional Specification .....	149
A.3 ADV_INT: Supplementary material on TSF internals .....	151
A.3.1 Structure of procedural software .....	151
A.3.2 Complexity of procedural software.....	153
A.4 ADV_TDS: Subsystems and Modules.....	154
A.4.1 Subsystems .....	154
A.4.2 Modules .....	155
A.4.3 Levelling Approach.....	157
A.5 Supplementary material on formal methods .....	159
<b>Annex B (informative) Composition (ACO).....</b>	<b>161</b>
B.1 Necessity for composed TOE evaluations .....	161
B.2 Performing Security Target evaluation for a composed TOE .....	162
B.3 Interactions between composed IT entities .....	163
<b>Annex C (informative) Cross reference of assurance component dependencies.....</b>	<b>168</b>
<b>Annex D (informative) Cross reference of PPs and assurance components.....</b>	<b>172</b>
<b>Annex E (informative) Cross reference of EALs and assurance components .....</b>	<b>173</b>
<b>Annex F (informative) Cross reference of CAPs and assurance components .....</b>	<b>174</b>

## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 15408-3 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *IT Security techniques*. The identical text of ISO/IEC 15408 is published by the Common Criteria Project Sponsoring Organisations as Common Criteria for Information Technology Security Evaluation. The common XML source for both publications can be found at <http://www.oc.ccn.cni.es/xml>

This third edition cancels and replaces the second edition (ISO/IEC 15408-3:2005), which has been technically revised.

ISO/IEC 15408 consists of the following parts, under the general title *Information technology — Security techniques — Evaluation criteria for IT security*:

- *Part 1: Introduction and general model*
- *Part 2: Security functional components*
- *Part 3: Security assurance components*

This corrected version of ISO/IEC 15408-3:2008 incorporates miscellaneous editorial corrections mainly related to EAL4 and EAL6 assurance components, ADV\_FSP, ADV\_TDS, ATE\_DPT.2, ATE\_IND, and ALC.

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iTECH STANDARD REVIEW

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## Introduction

Security assurance components, as defined in this part of ISO/IEC 15408, are the basis for the security assurance requirements expressed in a Protection Profile (PP) or a Security Target (ST).

These requirements establish a standard way of expressing the assurance requirements for TOEs. This part of ISO/IEC 15408 catalogues the set of assurance components, families and classes. This part of ISO/IEC 15408 also defines evaluation criteria for PPs and STs and presents evaluation assurance levels that define the predefined ISO/IEC 15408 scale for rating assurance for Targets of Evaluation (TOEs), which is called the Evaluation Assurance Levels (EALs).

The audience for this part of ISO/IEC 15408 includes consumers, developers, and evaluators of secure IT products. ISO/IEC 15408-1:2009, Clause 5 provides additional information on the target audience of ISO/IEC 15408, and on the use of ISO/IEC 15408 by the groups that comprise the target audience. These groups may use this part of ISO/IEC 15408 as follows:

- a) Consumers, who use this part of ISO/IEC 15408 when selecting components to express assurance requirements to satisfy the security objectives expressed in a PP or ST, determining required levels of security assurance of the TOE.
- b) Developers, who respond to actual or perceived consumer security requirements in constructing a TOE, reference this part of ISO/IEC 15408 when interpreting statements of assurance requirements and determining assurance approaches of TOEs.
- c) Evaluators, who use the assurance requirements defined in this part of ISO/IEC 15408 as a mandatory statement of evaluation criteria when determining the assurance of TOEs and when evaluating PPs and STs.

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# Information technology Security techniques — Evaluation criteria for IT security —

## Part 3: Security assurance components

### 1 Scope

This part of ISO/IEC 15408 defines the assurance requirements of ISO/IEC 15408. It includes the evaluation assurance levels (EALs) that define a scale for measuring assurance for component Targets of Evaluation (TOEs), the composed assurance packages (CAPs) that define a scale for measuring assurance for composed TOEs, the individual assurance components from which the assurance levels and packages are composed, and the criteria for evaluation of Protection Profiles (PPs) and Security Targets (STs).

### 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

*ISO/IEC 15408-1, Information technology — Security techniques — Evaluation criteria for IT security — Part 1: Introduction and general model*

*ISO/IEC 15408-2, Information technology — Security techniques — Evaluation criteria for IT security — Part 2: Security functional components*

### 3 Terms and definitions, symbols and abbreviated terms

For the purposes of this document, the terms, definitions, symbols and abbreviated terms given in ISO/IEC 15408-1 apply.

### 4 Overview

#### 4.1 Organisation of this part of ISO/IEC 15408

Clause 5 describes the paradigm used in the security assurance requirements of this part of ISO/IEC 15408.

Clause 6 describes the presentation structure of the assurance classes, families, components, evaluation assurance levels along with their relationships, and the structure of the composed assurance packages. It also characterises the assurance classes and families found in Clauses 9 through 16.

Clause 7 provides detailed definitions of the EALs.

Clause 8 provides detailed definitions of the CAPs.

Clauses 9 through 16 provide the detailed definitions of this part of ISO/IEC 15408 assurance classes.

Annex A provides further explanations and examples of the concepts behind the Development class.