

ISO/IEC 17203:2011-12 (E)

Information technology - Open Virtualization Format (OVF) specification

Contents

Page

Foreword	iii
1 Scope	1
2 Normative References.....	1
3 Terms and Definitions	2
4 Symbols and Abbreviated Terms	4
5 OVF Packages	4
5.1 OVF Package Structure	4
5.2 Virtual Disk Formats.....	6
5.3 Distribution as a Single File	6
5.4 Distribution as a Set of Files	7
6 OVF Descriptor.....	7
7 Envelope Element	8
7.1 File References.....	9
7.2 Content Element	10
7.3 Extensibility	11
7.4 Conformance	12
8 Virtual Hardware Description.....	13
8.1 VirtualHardwareSection	13
8.2 Extensibility	14
8.3 Virtual Hardware Elements	14
8.4 Ranges on Elements.....	17
9 Core Metadata Sections.....	19
9.1 DiskSection	19
9.2 NetworkSection.....	21
9.3 ResourceAllocationSection	21
9.4 AnnotationSection.....	22
9.5 ProductSection.....	22
9.6 EulaSection.....	25
9.7 StartupSection	26
9.8 DeploymentOptionSection	27
9.9 OperatingSystemSection	29
9.10 InstallSection.....	29
10 Internationalization	29
11 OVF Environment.....	31
11.1 Environment Document	31
11.2 Transport.....	33
ANNEX A (informative) Symbols and Conventions	34
ANNEX B (informative) Change Log.....	35
ANNEX C (normative) OVF XSD	36
Bibliography	37

Tables

Table 1 – XML Namespace Prefixes	8
Table 2 – Actions for Child Elements with <code>ovf:required</code> Attribute.....	14
Table 3 – HostResource Element	16
Table 4 – Elements for Virtual Devices and Controllers	17
Table 5 – Core Metadata Sections	19
Table 6 – Property Types.....	25
Table 7 – Property Qualifiers	25
Table 8 – Core Sections.....	33