

# ISO/IEC 19099:2014-05 (E)

## Information technology - Virtualization Management Specification

---

### Contents

Page

- Foreword ..... ix
- Introduction ..... 1
- 1 Scope ..... 3
  - 1.1 Resource Allocation Profile ..... 3
  - 1.2 System Virtualization Profile ..... 3
  - 1.3 Allocation Capabilities Profile ..... 3
  - 1.4 Processor Resource Virtualization Profile ..... 3
  - 1.5 Memory Resource Virtualization Profile ..... 3
  - 1.6 Storage Resource Virtualization Profile ..... 3
  - 1.7 Ethernet Port Resource Virtualization Profile ..... 3
  - 1.8 Virtual System Profile ..... 3
  - 1.9 Generic Device Resource Virtualization Profile ..... 3
  - 1.10 Virtual Ethernet Switch Profile ..... 4
- 2 Normative references ..... 4
- 3 Terms and definitions ..... 5
- 4 Symbols and abbreviated terms ..... 12
- 5 Resource Allocation Profile ..... 14
  - 5.1 Description ..... 14
  - 5.2 Implementation ..... 18
  - 5.3 Methods ..... 27
  - 5.4 Use cases ..... 35
  - 5.5 CIM elements ..... 40
- 6 System Virtualization Profile ..... 52
  - 6.1 Description ..... 52
  - 6.2 Implementation ..... 59
  - 6.3 Methods ..... 67
  - 6.4 Use cases ..... 84
  - 6.5 CIM elements ..... 110
- 7 Allocation Capabilities Profile ..... 126
  - 7.1 Description ..... 126
  - 7.2 Implementation ..... 129
  - 7.3 Methods ..... 130
  - 7.4 Use cases ..... 134
  - 7.5 CIM elements ..... 139
- 8 Processor Resource Virtualization Profile ..... 144
  - 8.1 Description ..... 144
  - 8.2 Implementation ..... 149
  - 8.3 Methods ..... 157
  - 8.4 Use cases ..... 158
  - 8.5 CIM elements ..... 168
- 9 Memory Resource Virtualization Profile ..... 178
  - 9.1 Description (informative) ..... 178
  - 9.2 Implementation ..... 186
  - 9.3 Methods ..... 198
  - 9.4 Use cases (informative) ..... 198
  - 9.5 CIM elements ..... 207
- 10 Storage Resource Virtualization Profile ..... 221
  - 10.1 Description ..... 222
  - 10.2 Implementation ..... 234
  - 10.3 Methods ..... 251
  - 10.4 Use cases ..... 253
  - 10.5 CIM Elements ..... 270
- 11 Ethernet Port Resource Virtualization Profile ..... 282
  - 11.1 Description ..... 282
  - 11.2 Implementation ..... 291
  - 11.3 Methods ..... 303

11.4	Use cases .....	304
11.5	CIM elements .....	318
12	Virtual System Profile .....	341
12.1	Description .....	341
12.2	Implementation.....	350
12.3	Methods .....	360
12.4	Use-cases .....	363
12.5	CIM elements .....	374
13	Generic Device Resource Virtualization Profile .....	381
13.1	Description .....	381
13.2	Implementation.....	383
13.3	Methods .....	383
13.4	Use cases .....	383
13.5	CIM elements .....	388
14	Virtual Ethernet Switch Profile .....	390
14.1	Description .....	390
14.2	Implementation.....	394
14.3	Methods .....	395
14.4	Use cases .....	397
14.5	CIM elements .....	400
Annex A (Informative)	Virtual system modeling — background information.....	407
A.1	Concepts: Model, view, controller .....	407
A.2	Aspect-oriented modeling approach.....	407
A.3	Presence of model information.....	408
A.4	Model extension through settings.....	409
Annex B (Informative)	Implementation details.....	410
B.1	Dual-configuration implementation approach .....	410
B.2	Single-configuration implementation approach .....	413

## Figures

Figure 1 – Resource Allocation Profile: Class Diagram.....	15
Figure 2 – Abstract instance diagram: Concrete resource pool .....	35
Figure 3 – Abstract instance diagram: Primordial pool with backed resources .....	36
Figure 4 – Abstract instance diagram: Primordial pool without backed resources.....	36
Figure 5 – Resource pool hierarchy instance diagram .....	37
Figure 6 – Simple resource allocation .....	38
Figure 7 – Profiles related to system virtualization .....	54
Figure 8 – System Virtualization Profile: Class diagram.....	56
Figure 9 – System Virtualization Profile instance diagram: Discovery, localization, and inspection .....	86
Figure 10 – Virtual system configuration based on input virtual system configurations and implementation defaults ..	98
Figure 11 – Virtual system resource modification .....	102
Figure 12 – System Virtualization Profile: Snapshot example .....	105
Figure 13 – Allocation Capabilities Profile: Class diagram .....	127
Figure 14 – Allocation capabilities associated to CIM_ComputerSystem and CIM_ResourcePool.....	135
Figure 15 – Allocation capabilities associated to CIM_ResourceAllocationSettingData.....	136
Figure 16 – Multiple CIM_AllocationCapabilities instances .....	137
Figure 17 – Processor Resource Virtualization Profile: Class Diagram.....	145
Figure 18 – Processor Resource Virtualization Profile: Instance diagram.....	159
Figure 19 – Defined state .....	160
Figure 20 – Active state .....	161
Figure 21 – CIM_ModifyResourceSettings – Before .....	163
Figure 22 – RASD to Modify Resources .....	164

Figure 23 – CIM_ModifyResourceSettings – After .....	165
Figure 24 – CIM_AddResourceSettings – Before .....	166
Figure 25 – RASD to add processor .....	167
Figure 26 – CIM_AddResourceSettings – After .....	168
Figure 27 – Memory Resource Virtualization Profile: Profile class diagram .....	179
Figure 28 – Instance Diagram: Concept of memory resource pool hierarchies.....	181
Figure 29 – Instance Diagram: Concept of memory resource allocation.....	183
Figure 30 – Instance Diagram: Memory composition.....	185
Figure 31 – Instance Diagram: Example CIM representation of memory resource virtualization .....	200
Figure 32 – Storage Resource Virtualization Profile: Profile class diagram .....	223
Figure 33 – Instance diagram: Concept of storage resource pool hierarchies .....	227
Figure 34 – Instance diagram: Concept of storage resource allocation .....	230
Figure 35 – Cooperation of DMTF SVPC and SNIA SMI-S profiles .....	233
Figure 36 – Instance diagram: Example CIM representation of storage resource virtualization.....	254
Figure 37 – Create virtual disk with implicit file creation.....	263
Figure 38 – Create virtual disk with pre-existing file .....	265
Figure 39 – Create dedicated virtual disk.....	267
Figure 40 – Create virtual delta disk and file .....	269
Figure 41 – Ethernet Port Resource Virtualization: Profile class diagram .....	283
Figure 42 – Virtual ethernet switch port allocation.....	287
Figure 43 – Instance Diagram: Ethernet adapter and Ethernet connection resource allocations.....	289
Figure 44 – Ethernet switch port and Ethernet connection resource pools .....	306
Figure 45 – Static Ethernet switch port allocation to a virtual Ethernet switch .....	308
Figure 46 – Ethernet adapter connection to static switch port.....	310
Figure 47 – Dynamic Ethernet switch port connection capabilities.....	313
Figure 48 – Dynamic Ethernet switch port allocation .....	314
Figure 49 – Allocation capabilities for simple Ethernet connection.....	315
Figure 50 – Simple connection of virtual machine to Ethernet switch .....	316
Figure 51 – Profiles related to system virtualization .....	343
Figure 52 – Virtual System Profile: Class diagram .....	344
Figure 53 – Virtual system states .....	349
Figure 54 – Virtual system representation and virtual system configuration .....	354
Figure 55 – Sample virtual system configuration .....	365
Figure 56 – Sample virtual system in "active" state.....	367
Figure 57 – Instance diagram: Profile conformance of scoped resources.....	368
Figure 58 – Generic Device Resource Virtualization: Class diagram .....	382
Figure 59 – Simple virtual device allocation .....	384
Figure 60 – Profile registration using central class.....	385
Figure 61 – Profile registration using scoping class .....	386
Figure 62 – Determining resource capabilities .....	387
Figure 63 – DMTF Management profiles related to the virtual Ethernet switch.....	392
Figure 64 – Virtual Ethernet Switch Profile: Class Diagram .....	393
Figure 65 – Basic example of virtual Ethernet switch.....	398
Figure A-1 – State-dependent presence of model elements .....	408
Figure B-2 – Sample virtual system in a state other than "defined" (Dual-configuration approach) .....	412
Figure B-3 – Sample virtual system in the "defined" state (Single-configuration approach).....	414
Figure B-4 – Sample virtual system in a state other than "defined" (Single-configuration approach).....	415

## Tables

Table 1 – Component documents .....	2
Table 2 – Related profiles for the Resource Allocation Profile .....	14
Table 3 – CIM_ResourcePoolConfigurationService.CreateChildResourcePool( ) method: Return code values .....	27
Table 4 – CIM_ResourcePoolConfigurationService.CreateChildResourcePool( ) method: Parameters .....	28
Table 5 – CIM_ResourcePoolConfigurationService.DeleteResourcePool( ) method: Return code values.....	28
Table 6 – CIM_ResourcePoolConfigurationService.DeleteResourcePool( ) method: Parameters .....	29
Table 7 – CIM_ResourcePoolConfigurationService.AddResourcesToResourcePool( ) method: Return code values.....	29
Table 8 – CIM_ResourcePoolConfigurationService.AddResourcesToResourcePool( ) method: Parameters .....	30
Table 9 – CIM_ResourcePoolConfigurationService.RemoveResourcesFromResourcePool( ) method: Return code values.....	31
Table 10 – CIM_ResourcePoolConfigurationService.RemoveResourcesFromResourcePool( ) method: Parameters .....	31
Table 11 – CIM_ResourcePoolConfigurationService.ChangeParentResourcePool( ) method: Return code values ....	32
Table 12 – CIM_ResourcePoolConfigurationService.ChangeParentResourcePool( ) method: Parameters .....	32
Table 13 – CIM elements: Resource Allocation Profile .....	40
Table 14 – Class: CIM_AffectedJobElement.....	41
Table 15 – Class: CIM_BaseMetricDefinition .....	41
Table 16 – Class: CIM_BaseMetricDefinition — Instantaneous consumption.....	42
Table 17 – Class: CIM_BaseMetricDefinition — Interval metrics .....	42
Table 18 – Class: CIM_BaseMetricDefinition — Aggregate consumption.....	42
Table 19 – Class: CIM_BaseMetricValue.....	43
Table 20 – Class: CIM_BaseMetricValue — Instantaneous consumption .....	43
Table 21 – Class: CIM_BaseMetricValue — Interval metrics .....	43
Table 22 – Class: CIM_BaseMetricValue — Aggregate consumption .....	44
Table 23 – Class: CIM_Component .....	44
Table 24 – Class: CIM_ConcreteJob .....	44
Table 25 – Class: CIM_ElementAllocatedFromPool .....	45
Table 26 – Class: CIM_ElementCapabilities .....	45
Table 27 – Class: CIM_ElementSettingData.....	45
Table 28 – Class: CIM_HostedDependency .....	46
Table 29 – Class: CIM_HostedResourcePool.....	46
Table 30 – Class: CIM_HostedService .....	46
Table 31 – Class: CIM_LogicalDevice .....	47
Table 32 – Class: CIM_MetricDefForME.....	47
Table 33 – Class: CIM_MetricForME.....	47
Table 34 – Class: CIM_ResourceAllocationFromPool .....	48
Table 35 – Class: CIM_ResourceAllocationSettingData (current settings) .....	48
Table 36 – Class: CIM_ResourceAllocationSettingData (defined settings).....	49
Table 37 – Class: CIM_ResourcePool .....	49
Table 38 – Class: CIM_ResourcePoolConfigurationCapabilities .....	50
Table 39 – Class: CIM_ResourcePoolConfigurationService .....	50
Table 40 – Class: CIM_SettingsDefineState .....	51
Table 41 – Class: CIM_ServiceAffectsElement.....	51
Table 42 – Class: CIM_SystemDevice .....	51
Table 43 – Related profiles for the System Virtualization Profile .....	52
Table 44 – DefineSystem( ) method: Parameters.....	70
Table 45 – DefineSystem( ) method: Return code values .....	72
Table 46 – DestroySystem( ) method: Parameters.....	72
Table 47 – DestroySystem( ) method: Return code values .....	73

Table 48 – AddResourceSettings( ) method: Parameters .....	73
Table 49 – AddResourceSettings( ) method: Return code values .....	74
Table 50 – ModifyResourceSettings( ) method: Parameters .....	75
Table 51 – ModifyResourceSettings( ) Method: Return code values .....	76
Table 52 – ModifySystemSettings( ) Method: Parameters .....	76
Table 53 – ModifySystemSettings( ) Method: Return code values .....	77
Table 54 – RemoveResourceSettings( ) Method: Parameters .....	78
Table 55 – RemoveResourceSettings( ) Method: Return code values .....	78
Table 56 – CreateSnapshot( ) method: Parameters .....	79
Table 57 – CreateSnapshot( ) method: Return code values .....	80
Table 58 – DestroySnapshot( ) method: Parameters .....	80
Table 59 – DestroySnapshot( ) method: Return code values .....	81
Table 60 – ApplySnapshot( ) method: Parameters .....	81
Table 61 – ApplySnapshot( ) method: Return code values .....	82
Table 62 – CIM Elements: System Virtualization Profile .....	110
Table 63 – Association: CIM_AffectedJobElement .....	111
Table 64 – Class: CIM_ConcreteJob .....	112
Table 65 – Class: CIM_Dependency Class .....	112
Table 66 – Association: CIM_ElementCapabilities (host system) .....	113
Table 67 – Association: CIM_ElementCapabilities (virtual system management) .....	113
Table 68 – Association: CIM_ElementCapabilities (snapshot service) .....	114
Table 69 – Association: CIM_ElementCapabilities (snapshots of virtual systems) .....	114
Table 70 – Association: CIM_ElementConformsToProfile .....	115
Table 71 – Association: CIM_HostedDependency .....	115
Table 72 – Association: CIM_HostedService (virtual system management service) .....	116
Table 73 – Association: CIM_HostedService (virtual system snapshot service) .....	116
Table 74 – Association: CIM_LastAppliedSnapshot .....	117
Table 75 – Association: CIM_MostCurrentSnapshotInBranch .....	117
Table 76 – Association: CIM_ReferencedProfile .....	118
Table 77 – Class: CIM_RegisteredProfile .....	118
Table 78 – Association: CIM_ServiceAffectsElement (virtual system management service) .....	119
Table 79 – Association: CIM_ServiceAffectsElement .....	120
Table 80 – Association: CIM_SnapshotOfVirtualSystem .....	120
Table 81 – Class: CIM_VirtualSystemManagementCapabilities .....	121
Table 82 – Class: CIM_VirtualSystemManagementCapabilities .....	121
Table 83 – Class: CIM_VirtualSystemManagementService .....	121
Table 84 – Class: CIM_VirtualSystemSettingData (input) .....	122
Table 85 – Class: CIM_VirtualSystemSettingData (Snapshot) .....	123
Table 86 – Class: CIM_VirtualSystemSnapshotCapabilities .....	124
Table 87 – Class: CIM_VirtualSystemSnapshotService .....	124
Table 88 – Class: CIM_VirtualSystemSnapshotServiceCapabilities .....	125
Table 89 – Related profiles for the Allocation Capabilities Profile .....	126
Table 90 – Operations: CIM_SettingsDefineCapabilities .....	131
Table 91 – Operations: CIM_ElementCapabilities .....	134
Table 92 – CIM elements: Allocation Capabilities Profile .....	139
Table 93 – Class: CIM_AllocationCapabilities .....	139
Table 94 – Class: CIM_ElementCapabilities .....	140
Table 95 – Class: CIM_ElementCapabilities (default) .....	140
Table 96 – Class: CIM_SettingsDefineCapabilities .....	141
Table 97 – Class: CIM_SettingsDefineCapabilities (Default) .....	141
Table 98 – Class: CIM_SettingsDefineCapabilities (minimums) .....	142
Table 99 – Class: CIM_SettingsDefineCapabilities (maximums) .....	142

Table 100 – Class: CIM_SettingsDefineCapabilities (Increments).....	143
Table 101 – Class: CIM_SettingsDefineCapabilities (Independent Supported Point).....	143
Table 102 – Related profiles for the Processor Resource Virtualization Profile.....	144
Table 103 – Acronyms for RASD adapted for the representation of various flavors of allocation data.....	153
Table 104 – CIM Elements: Processor Resource Virtualization Profile.....	169
Table 105 – Association: CIM_Component for resource pool.....	170
Table 106 – Association: CIM_ElementAllocatedFromPool.....	171
Table 107 – Association: CIM_ElementSettingData.....	171
Table 108 – Association: CIM_ElementSettingData for processor resource allocation.....	172
Table 109 – Association: CIM_ElementSettingData (Processor Resource Pool).....	172
Table 110 – Association: CIM_HostedDependency.....	173
Table 111 – Class: CIM_Processor (host processor).....	173
Table 112 – Class: CIM_Processor (virtual system).....	173
Table 113 – Class: CIM_RegisteredProfile.....	174
Table 114 – Association: CIM_ResourceAllocationFromPool.....	174
Table 115 – Class: CIM_ResourceAllocationSettingData.....	175
Table 116 – Class: CIM_ResourcePool.....	175
Table 117 – Association: CIM_SettingsDefineState.....	176
Table 118 – Association: CIM_SystemDevice (Host Processor).....	176
Table 119 – Association: CIM_SystemDevice (Virtual Processor).....	177
Table 120 – Related profiles for the Memory Resource Virtualization Profile.....	178
Table 121 – CIM Elements: Memory Resource Virtualization Profile.....	208
Table 122 – Association: CIM_AffectedJobElement.....	209
Table 123 – Class: CIM_AllocationCapabilities (memory allocation capabilities).....	209
Table 124 – Class: CIM_AllocationCapabilities (memory allocation mutability).....	210
Table 125 – Association: CIM_Component (memory resource).....	211
Table 126 – Association: CIM_Component (resource pool).....	211
Table 127 – Class: CIM_ConcreteJob.....	212
Table 128 – Association: CIM_ElementAllocatedFromPool.....	212
Table 129 – Association: CIM_ElementCapabilities (capabilities).....	213
Table 130 – Association: CIM_ElementCapabilities (mutability).....	213
Table 131 – Association: CIM_ElementSettingData (memory resource pool).....	214
Table 132 – Association: CIM_ElementSettingData (memory resource).....	214
Table 133 – Association: CIM_HostedDependency.....	215
Table 134 – Class: CIM_Memory (host system).....	215
Table 135 – Class: CIM_Memory (virtual system).....	216
Table 136 – Class: CIM_RegisteredProfile.....	216
Table 137 – Association: CIM_ResourceAllocationFromPool.....	216
Table 138 – Class: CIM_ResourceAllocationSettingData.....	217
Table 139 – Class: CIM_ResourcePool.....	218
Table 140 – Class: CIM_ResourcePoolConfigurationCapabilities.....	218
Table 141 – Association: CIM_SettingsDefineState.....	218
Table 142 – Association: CIM_ServiceAffectsElement.....	219
Table 143 – Association: CIM_SystemDevice (virtual memory).....	219
Table 144 – Association: CIM_SystemDevice (host memory).....	220
Table 145 – Related profiles for the Storage Resource Virtualization Profile.....	221
Table 146 – Optional Features.....	222
Table 147 – Predefined ResourceSubType values (EXPERIMENTAL).....	237
Table 148 – Acronyms for RASD adapted for the representation of various flavors of allocation data.....	241
Table 149 – CIM Elements: Storage Resource Virtualization Profile.....	270
Table 150 – Association: CIM_Component for resource pool.....	272
Table 151 – Class: CIM_DiskDrive (Host).....	272

Table 152 – Class: CIM_DiskDrive (Virtual System).....	272
Table 153 – Association: CIM_ElementSettingData.....	273
Table 154 – Association: CIM_ElementSettingData.....	273
Table 155 – Association: CIM_ElementSettingData.....	274
Table 156 – Association: CIM_ElementSettingData.....	274
Table 157 – Association: CIM_HostedDependency.....	275
Table 158 – Class: CIM_LogicalDisk (Virtual System).....	275
Table 159 – Association: CIM_ReferencedProfile.....	277
Table 160 – Class: CIM_RegisteredProfile.....	277
Table 161 – Class: CIM_ResourceAllocationSettingData.....	277
Table 162 – Class: CIM_ResourcePool.....	278
Table 163 – Association: CIM_SettingsDefineState.....	279
Table 164 – Class: CIM_StorageAllocationSettingData.....	279
Table 165 – Class: CIM_StorageVolume for host storage volume.....	280
Table 166 – Class: CIM_StorageExtent for virtual disks.....	281
Table 167 – Association: CIM_SystemDevice for host storage volumes.....	281
Table 168 – Association: CIM_SystemDevice for virtual resources.....	281
Table 169 – Related profiles for the Ethernet Port Resource Virtualization Profile.....	282
Table 170 – Acronyms for EASD adapted for the representation of various flavors of allocation data.....	295
Table 171 – CIM Elements: Ethernet Port Resource Virtualization Profile.....	318
Table 172 – Association: CIM_ActiveConnection.....	320
Table 173 – Association: CIM_Component for resource pool.....	321
Table 174 – Association: CIM_ElementAllocatedFromPool.....	321
Table 175 – Association: CIM_ElementSettingData for connection resources.....	322
Table 176 – Association: CIM_ElementSettingData for CIM_EthernetPort resource allocation.....	322
Table 177 – Association: CIM_ElementSettingData for CIM_EthernetPort resource allocation.....	323
Table 178 – Class: CIM_EthernetPort (host system).....	323
Table 179 – Class: CIM_EthernetPort (virtual system).....	323
Table 180 – Class: CIM_EthernetPortAllocationSettingData for Ethernet adapter (Q_EASD).....	324
Table 181 – Class: CIM_EthernetPortAllocationSettingData for Ethernet adapter (R_EASD).....	324
Table 182 – Class: CIM_EthernetPortAllocationSettingData for Ethernet adapter (C_EASD).....	325
Table 183 – Class: CIM_EthernetPortAllocationSettingData for Ethernet adapter (D_EASD).....	326
Table 184 – Class: CIM_EthernetPortAllocationSettingData for Ethernet adapter (M_EASD).....	327
Table 185 – Class: CIM_EthernetPortAllocationSettingData for Ethernet connection (Q_EASD).....	328
Table 186 – Class: CIM_EthernetPortAllocationSettingData for Ethernet connection (R_EASD).....	329
Table 187 – Class: CIM_EthernetPortAllocationSettingData for Ethernet connection (C_EASD).....	329
Table 188 – Class: CIM_EthernetPortAllocationSettingData for Ethernet connection (D_EASD).....	330
Table 189 – Class: CIM_EthernetPortAllocationSettingData for Ethernet connection (M_EASD).....	331
Table 190 – Class: CIM_EthernetPortAllocationSettingData for Ethernet switch port (Q_EASD).....	332
Table 191 – Class: CIM_EthernetPortAllocationSettingData for Ethernet switch port (R_EASD).....	332
Table 192 – Class: CIM_EthernetPortAllocationSettingData for Ethernet switch port (C_EASD).....	333
Table 193 – Class: CIM_EthernetPortAllocationSettingData for Ethernet switch port (D_EASD).....	334
Table 194 – Class: CIM_EthernetPortAllocationSettingData for Ethernet switch port (M_EASD).....	335
Table 195 – Class: CIM_RegisteredProfile.....	335
Table 196 – Class: CIM_ResourcePool (Ethernet adapter).....	336
Table 197 – Class: CIM_ResourcePool.....	336
Table 198 – Class: CIM_ResourcePool (Ethernet switch port).....	337
Table 199 – Association: CIM_SettingsDefineState.....	339
Table 200 – Association: CIM_SystemDevice (Virtual EthernetPort).....	339
Table 201 – Association: CIM_SystemDevice (host Ethernet adapter).....	339
Table 202 – Related profiles for the Virtual System Profile.....	341
Table 203 – Observation of virtual system states.....	350

Table 204 – Observation of virtual system state transitions .....	352
Table 205 – CIM_ComputerSystem.RequestStateChange( ) method: Parameters .....	361
Table 206 – CIM_PowerManagementService.RequestPowerStateChange( ) method: Parameters.....	361
Table 207 – CIM elements: Virtual System Profile .....	374
Table 208 – Association: CIM_AffectedJobElement .....	375
Table 209 – Class: CIM_ComputerSystem .....	375
Table 210 – Class: CIM_ConcreteJob .....	375
Table 211 – Association: CIM_ElementConformsToProfile .....	376
Table 212 – Association: CIM_ElementSettingData.....	377
Table 213 – Class: CIM_EnabledLogicalElementCapabilities.....	377
Table 214 – Association: CIM_ReferencedProfile.....	378
Table 215 – Class: CIM_RegisteredProfile .....	378
Table 216 – Association: CIM_SettingsDefineState.....	379
Table 217 – Class: CIM_VirtualSystemSettingData .....	379
Table 218 – Association: CIM_VirtualSystemSettingDataComponent .....	380
Table 219 – Related profiles for the Generic Device Resource Virtualization Profile .....	381
Table 220 – CIM Elements: Generic Device Resource Virtualization Profile .....	388
Table 221 – Class: CIM_AllocationCapabilities.....	388
Table 222 – Class: CIM_ElementCapabilities .....	389
Table 223 – Class: CIM_RegisteredProfile .....	389
Table 224 – Related profiles for the Virtual Ethernet Switch Profile .....	390
Table 225 – CIM Elements: Virtual System Profile.....	400
Table 226 – Class: CIM_ComputerSystem .....	401
Table 227 – Association: CIM_ElementSettingData.....	401
Table 228 – Association: CIM_HostedCollection .....	402
Table 229 – Association: CIM_MemberOfCollection.....	402
Table 230 – Class: CIM_NetworkVLAN .....	403
Table 231 – Class: CIM_RegisteredProfile .....	403
Table 232 – Association: CIM_SettingsDefineState.....	405
Table 233 – Association: CIM_SystemComponent.....	405
Table 234 – Class: CIM_VirtualEthernetSwitchSettingData.....	406
Table 235 – Association: CIM_VirtualSystemSettingDataComponent .....	406