CIM_SoftwareElement
(See Applications Model (Software Element page))

CIM_DirectorySpecification
DirectoryType: uint16
DirectoryPath: string

CIM_FileSpecification
FileName: string
CreateTimeStamp: datetime
FileSize: uint64
Checksum: string

CIM_ArchitectureCheck
ArchitectureType: uint16 (Enum)

CIM_SoftwareElementVersionCheck
SoftwareElementName: string
LowerSoftwareElementVersion: string
UpperSoftwareElementVersion: string

CIM_ManagedElement
(See Core Model)

CIM_ManageableElement

CIM_Check
Name: string (Key, Propagated)
Version: string (Key, Propagated)
SoftwareElementState: uint16 (Key, Propagated)
SoftwareElementID: string (Key, Propagated)
TargetOperatingSystem: uint16 (Key, Propagated, Enum)
CheckID: string (Key)
CheckMode: boolean

Invoke(): uint32
InvokeOnSystem([IN] CIM_ComputerSystem REF TargetSystem): uint32

CIM_DiskSpaceCheck
AvailableDiskSpace: uint64 (Units)

CIM_SwapSpaceCheck
SwapSpaceSize: uint64 (Units)

CIM_OSVersionCheck
MinimumVersion: string
MaximumVersion: string

CIM_SoftwareElementChecks

CIM_SettingCheck
SectionKey: string
EntryName: string
EntryValue: string

CIM_SoftwareElementStateDesired: uint16 (Enum)
TargetOperatingSystemDesired: uint16 (Enum)
Page 4: Associated System Software Features and Elements

- **CIM_LogicalElement**: (See Core Model)
- **CIM_SoftwareFeature**: (See Application Model)
- **CIM_SoftwareElement**: (See Application Model)
- **CIM_OperatingSystem**
- **CIM_Service**: (See Core Model)
- **CIM_System**: (See Core Model)
- **CIM_OperatingSystem** (See System Model)
- **CIM_ComputerSystem**: (See System Model)
- **CIM_InstalledSoftwareElement**: (See System Model)
- **CIM_DiagnosticTest**: (See System Model)

**Diagram Notes**:
- Inheritance
- Association
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n
- (E) Experimental Class or Property
- (D) Deprecated Class or Property

**Class Definitions**:
- **CIM_EnabledLogicalElement**: (See Core Model)
- **CIM_SoftwareFeature**: (See Application Model)
- **CIM_SoftwareElement**: (See Application Model)
- **CIM_OperatingSystem**
- **CIM_Service**: (See Core Model)
- **CIM_System**: (See Core Model)
- **CIM_OperatingSystem**: (See System Model)
- **CIM_ComputerSystem**: (See System Model)
- **CIM_InstalledSoftwareElement**: (See System Model)
- **CIM_DiagnosticTest**: (See System Model)
BIOS and Device Driver Software

**CIM_LogicalElement**
(See Core Model)

**CIM_System**
(See System Page (System))

**CIM_ComputerSystem**
(See System Page (System))

**CIM_BIOSFeature**
Characteristics: uint16 [ ] (enum)
CharacteristicDescriptions: string [ ]

**CIM_videoBIOSFeature**
Characteristics: uint16 [ ] (enum)
CharacteristicDescriptions: string [ ]

**CIM_videoBIOSElement**
IsShadowed: boolean
ReleaseDate: datetime

**CIM_BIOSElement**
Version: string (Override)
Manufacturer: string (Override)
PrimaryBIOS: boolean
ListIOLanguages: string [ ]
CurrentLanguage: string
LoadedStartingAddress:uint64
LoadedEndingAddress:uint64
LoadedUtilityInformation: string
ReleaseDate: datetime
SystemBIOSMajorRelease: uint8 (E)
SystemBIOSMinorRelease: uint8 (E)
EmbeddedControllerFirmwareMajorRelease: uint8 (E)
EmbeddedControllerFirmwareMinorRelease: uint8 (E)
RegistryURIs[]: string

**CIM_SoftwareFeature**
(See Application Model)

**CIM_SoftwareElement**
(See Application Model)

**CIM_SoftwareFeature**
SoftwareElements

**CIM_BIOSFeature**
SoftwareElements
Application RunTime Model

Distribution: uint16 [ ] (enum)
EnabledState: uint16 (enum, override)
StartupTime: datetime
ServingStatus: uint16 (enum)
LastServingStatusUpdate: datetime
StartApplication():uint16
StopApplication():uint16