

DMTF Common Information Model (CIM) Specification

Readme

Version 2.12.0

April 2006

This document describes the changes that have been incorporated into the CIM schema for the CIM Version 2.12.0 release.

The *experimental* ZIP file contains entities that were approved for CIM V2.12.0 that did not have sufficient implementation experience to be taken Final. The *final* ZIP file contains entities that have at least two independent implementations. Entities that are designated as final cannot be changed in a backward incompatible way between point releases.

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1.0 Installation

To install the CIM V2.12.0 schema:

1. Download the ZIP files from the DMTF CIM standards page (<http://www.dmtf.org/standards/cim/>). The ZIP files can be found under the "CIM Schema and Specifications" section. The release contains both the experimental and final MOFs.

- cim2120Experimental-MOFs.zip
- cim2120Final-MOFs.zip

This file contains all the MOF files that are part of the CIM schema. The experimental ZIP file contains the latest experimental schema. This schema may change in a backward incompatible way based on implementation experience. The final ZIP file contains just the portions of the schema that is in a final state.

- cim2120Experimental-xmlAll.zip
- cim2120Final-xmlAll.zip

This file contains a rendering of the CIM schema in XML into a single file.

- cim2120Experimental-xmlClasses.zip
- cim2120Final-xmlClasses.zip

This file contains a rendering of the CIM schema in XML into individual files, one file per entity.

- cim2120Experimental-Visios.zip
- cim2120Final-Visios.zip

This file contains the UML representations of the CIM schema in Visio format.

- cim2120Experimental-PDFs.zip

- cim2120Final-PDFs.zip

This file contains the UML representations of the CIM schema in PDF format

2. Unzip the downloaded files. Please be aware that the MOFs will be expanded into the directory that you specify. Subdirectories are created for each separate model area.

2.0 Schema Changes

This section describes the changes that were made for CIM V2.12.0.

Changes for CIM V2.12.0 Final

There were 3 class updates in CIM V2.12.0 final. The table below contains the list of changes.

Class	Change
Core/CIM_ElementCapabilities.mof	CIMCore00807 Remove MaxQualifier on ElementCapabilities.ManagedElement.
Event/CIM_Indication.mof	WIPCR00225.006 Bring uniqueness to IndicationIdentifier
Event/CIM_IndicationFilter.mof	WIPCR00230 Clarify IndicationFilter rules relatedto embedded query. WIPCR00240 Define DMTF:CQL as the formal nameof CQL. WIPCR00249 Define use of CQL Query Language Template

Changes for CIM V2.12.0 Experimental

The table below contains the list of changes for CIM V2.12.0 experimental.

Class	Change
Core/CIM_SettingsDefineCapabilities.mof	CIMCoreCR00790 Definition of Capabilities instances based on SettingData instances.
Database/CIM_CommonDatabase.mof	DBCR00030 Add top level relational model support to the database model.
Database/CIM_SchemaCharacterSet.mof	DBCR00030 Add top level relational model support to the database model. DBCR00032 Correct SQL model associations.
Database/CIM_SqlCharacterSet.mof	DBCR00030 Add top level relational model support to the database model.
Database/CIM_SqlDomain.mof	DBCR00030 Add top level relational model support to the database model.
Database/CIM_SqlDomainConstraint.mof	DBCR00030 Add top level relational model support to the database model.
Database/CIM_SqlObject.mof	DBCR00030 Add top level relational model support to the database model.
Database/CIM_SqlObjectForDatabase.mof	DBCR00030

	Add top level relational model support to the database model. DBCR00032 Correct SQL model associations.
Database/CIM_SqlSchema.mof	DBCR00030 Add top level relational model support to the database model.
Database/CIM_SqlTable.mof	DBCR00030 Add top level relational model support to the database model.
Database/CIM_SqlTrigger.mof	DBCR00030 Add top level relational model support to the database model.
Database/CIM_SqlUserDefinedType.mof	DBCR00030 Add top level relational model support to the database model.
Device/CIM_AssociatedBattery.mof	SMWGCR00068 Promote the Dependent association to ManagedSystemElement.
Device/CIM_AssociatedSensor.mof	SMWGCR00068 Promote the Dependent association to ManagedSystemElement.
Device/CIM_SuppliesPower.mof	SMWGCR00068 Promote the Dependent association to ManagedSystemElement.
Network/CIM_IPConfigurationService.mof	SMWGCR00088 Fix inconsistent job spawned return codes in IPConfigurationService
Network/CIM_NetworkPortConfigurationService.mof	SMWGCR00083 Align AddLANEndpoint parameters with LANEndpoint properties
Network/CIM_ProtocolServiceCapabilities.mof	SMWGCR00087 Create CIM_ProtocolServiceCapabilities as a parent class for SSHCapabilities and TelnetCapabilities.
Physical/CIM_PhysicalAssetCapabilities.mof	SMWGCR00068 Added class