Metric Service Classes

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

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**Service**

(See Core Model)

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**MetricService** (E)

**ShowMetrics**

- [IN] Subject: ref ManagedElement
- [OUT] Definition: ref BaseMetricDefinition
- [OUT] ManagedElements: ref ManagedElement
- [OUT] DefinitionList: ref BaseMetricDefinition
- [OUT] MetricNames: MetricNames
- [OUT] MetricCollectionEnabled: uint16

**ControlMetrics**

- [IN] Subject: ref ManagedElement
- [IN] Definition: ref BaseMetricDefinition
- [IN] MetricCollectionEnabled: uint16

**ControlMetricsByClass**

- [IN] Subject: ref ManagedElement
- [IN] Definition: ref BaseMetricDefinition

**GetMetricValues**

- [IN] Definition: ref BaseMetricDefinition
- [IN] Range: uint16
- [IN] Count: uint16
- [IN] Values: ref BaseMetricValue

**ShowMetricsByClass**

- [IN] Subject: ref ManagedElement
- [IN] Definition: ref CIM_BaseMetricDefinition

**ControlSampleTimes**

- [IN] StartSampleTime: datetime
- [IN] PreferredSampleInterval: datetime
- [IN] RestartGathering: boolean

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**EnabledLogicalElementCapabilities**

(See Core Model)

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**MetricServiceCapabilities** (E)

- ControllableMetrics: string[]
- MetricsControlTypes: uint16 [ enum ]
- ControllableManagedElements: string[]
- ManagedElementControlTypes: uint16 [ enum ]
- SupportedMethods: uint16 [ enum ]
Dependency
Antecedent: ref ManagedElement (key, *)
Dependent: ref ManagedElement (key, *)

UoWMetricDefinition
Antecedent: ref UnitOfWorkDefinition (1..n)
Dependent: ref MetricDefinition (*)

UoWMetric
Antecedent: ref UnitOfWork (*)
Dependent: ref MetricDefinition (*)
Value: string

StartedUoW
Antecedent: ref UnitOfWorkDefinition (1..1)
Dependent: ref UnitOfWork (weak, *)

LogicalElementUnitOfWorkDef
Antecedent: ref LogicalElement (*)
Dependent: ref UnitOfWorkDefinition (*)

LogicalElementPerformsUoW
Antecedent: ref LogicalElement (*)
Dependent: ref UnitOfWork (*)

SubUoWDef
Antecedent: ref UnitOfWorkDefinition (*)
Dependent: ref UnitOfWorkDefinition (*)

UoWMetricValueDependency
Antecedent: ref MetricDefinition (*)
Dependent: ref UoWMetric

DiscreteMetricDefinitionDependency
Antecedent: ref BaseMetricDefinition (1..1)
Dependent: ref DiscreteMetricDefinition (*)

DiscreteMetricValueDependency
Antecedent: ref BaseMetricValue (1..1)
Dependent: ref DiscreteMetricValue (*)

MetricForME
Antecedent: ref ManagedElement (*)
Dependent: ref BaseMetricDefinition (*)

MetricDefForME
Antecedent: ref ManagedElement (*)
Dependent: ref BaseMetricDefinition (*)

MetricInstance
Antecedent: ref BaseMetricDefinition (1..1)
Dependent: ref BaseMetricValue (*)

LogicalElementUnitOfWorkDef
Antecedent: ref LogicalElement (*)
Dependent: ref UnitOfWorkDefinition (*)

LogicalElementPerformsUoW
Antecedent: ref LogicalElement (*)
Dependent: ref UnitOfWork (*)

SubUoW
Antecedent: ref UnitOfWork (0..1)
Dependent: ref UnitOfWork (*)

UoWDefTraceLevelType
TraceLevelType: ref TraceLevelType (0..1)
UoWDef: ref UnitOfWorkDefinition (*)
MetricCollectionEnabled: uint16 (E, enum)
RecordedSince: datetime (E)

Inheritance
Association
Association with WEAK reference
Aggregation
Aggregation with WEAK reference
Composition Aggregation

* Equivalent to: 0 .. n
(E) Experimental Class or Property
(D) Deprecated Class or Property