**Metric Service Classes**

```
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

---

**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: ref MetricNames

{OUT} MetricCollectionEnabled: unit16

uint32 { enum }

---

**ControlMetrics**

{IN} Subject: ref ManagedElement

{IN} Definition: ref BaseMetricDefinition

{IN} MetricCollectionEnabled: unit16 { enum Rqd }

uint32 { enum }

---

**ControlMetricsByClass**

{IN} Subject: ref ManagedElement

{IN} Definition: ref BaseMetricDefinition

uint32 { enum }

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**GetMetricValues**

{IN} Definition: ref BaseMetricDefinition

{IN} Range: unit16 { enum }

{IN} Count: unit16

{IN} Values: ref BaseMetricValue

uint32 { enum }

---

**ShowMetricsByClass**

{IN} Subject: ref CIM_ManagedElement

{IN} Definition: ref CIM_BaseMetricDefinition

{OUT} DefinitionList: ref CIM_BaseMetricDefinition

{OUT} MetricNames: string

{OUT} MetricCollectionEnabled: unit16

uint32 { enum }

---

**ControlSampleTimes**

{IN} StartSampleTime: datetime

{IN} PreferredSampleInterval: datetime

{IN} RestartGathering: boolean

uint32 { enum }

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**EnabledLogicalElementCapabilities**

(See Core Model)

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**MetricServiceCapabilities**

{E}

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ControllableMetrics: string[]

MetricsControlTypes: uint16 [] { enum }

ControllableManagedElements: string []

ManagedElementControlTypes: uint16 [] { enum }

SupportedMethods: uint16 [] { enum }

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**Service** (See Core Model)
Page 3: Association Hierarchy

- 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