**Statistics**

ManagedSystemElement (See Core Model (Managed System Element))

PhysicalElement (See Core Model (Physical & Logical Device))

LogicalElement (See Core Model (Logical Element))

System (See Core Model (Logical Element))

Device (See Core Model (Logical Element))

Service (See Core Model (Logical Element))

ServiceAccessPoint (See Core Model (Logical Element))

StatisticalData

- InstanceID : string (key)
- ElementName : string (override, req'd)
- StartStatisticTime : datetime
- StatisticTime : datetime
- SampleInterval : datetime

ResetSelectedStats([IN SelectedStatistics string()]) : uint32

SettingData

- StartStatisticTime : datetime
- EndStatisticTime : datetime
- SampleInterval : datetime

EnabledLogicalElement (See Core Model (Enabled Logical Element))

StatisticalSetting

- StartStatisticTime : datetime
- EndStatisticTime : datetime
- SampleInterval : datetime

PowerOnHours : datetime
- TotalPowerOnHours : datetime

ImagingStatisticalData (E)

- OtherPersistenceType : string
- PersistenceType : uint16 (enum)
- SNMPKeyId : uint32

OtherPersistenceType

PersistenceType : uint16

SNMPKeyId : uint32
Capabilities

InstanceId: string (Override, Key)
ElementName: string (Override, Required)

CreateGoalSettings:
[IN] TemplateGoalSettings[], string,
[IN, OUT] SupportedGoalSettings[], string:
uint32 (E)

PowerManagementCapabilities

PowerCapabilities: uint16[] (enum) [D]
OtherPowerCapabilitiesDescriptions: string[] [D]
PowerStatesSupported: uint16[] (enum)
PowerChangeCapabilities: uint16[] (enum)
RequestedPowerStatesSupported: uint16[] (enum)

LocalizationCapabilities

SupportedInputLocales:
SupportedOutputLocales:

EnabledLogicalElementCapabilities

ElementNameEditSupported: boolean
MaxElementNameLen: uint16 (maxValue (256))
RequestedStatesSupported: uint16[] (enum)
ElementNameMask: string (E)
StateAwareness: uint16 (enum) (E)

ImplementationCapabilities

SupportedCapacityOptimizations: string[] = ("None")
SupportedViews: string[] = ("None")
SupportedElementNameCodeSet: uint16 (enum) (E)

DiagnosticServiceJobCapabilities

DeleteJobSupported: boolean
RequestedStatesSupported: uint16[] (enum)
InteractiveTimeoutMax: datetime
DefaultValuesSupported: boolean
ClientRetriesMax: uint16
CleanupInterval: datetime
SilentModeSupported: boolean

PhysicalElementCapabilities

FruInfoSupported: boolean

ViewCapabilities

SupportedViews:

AllocationCapabilities

OtherResourceType: string
RequestTypesSupported: uint16 {enum}
ResourceSubType: string
ResourceType: uint16 {enum}
SharingMode: uint16 {enum}
SupportedAddStates: uint16[] {enum}
SupportedRemoveStates: uint16[] {enum}

CompressionAlgorithmsSupported: uint16[]
MatchingAlgorithmsSupported: string
OtherTemplateFormats: string[] {256}
TemplateFormatsSupported: uint16[] {enum}

DeleteJobSupported: boolean
RequestedStatesSupported: uint16[] {enum}
InteractiveTimeoutMax: datetime
DefaultValuesSupported: boolean
ClientRetriesMax: uint16
CleanupInterval: datetime
SilentModeSupported: boolean
Grid Association

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 (Logical Element))

BasicExecutionService {E}

CreateActivity (  
[IN] Request : string  
[OUT] Identifier : string  
[OUT] Job : ref CIM_ConcreteJob ) : uint16 {enum};

TerminateActivity (  
[IN] Request[] : string  
[OUT] Response[] : boolean  
[OUT] Job : ref CIM_ConcreteJob ) : uint16 {enum};

GetActivityStatus (  
[IN] Request[] : string  
[OUT] StatusResponse[] : string  
[OUT] Job : ref CIM_ConcreteJob ) : uint16 {enum};

GetActivityDocuments (  
[IN] Request[] : string  
[OUT] Response[] : string  
[OUT] Job : ref CIM_ConcreteJob ) : uint16 {enum};

GetAttributesDocument(  
[OUT] AttrsDoc[] : string  
[OUT] Job : ref CIM_ConcreteJob ) : uint16 {enum};

Service
Service
(See Core Model (Logical Element))

FingerprintMatchingService [E]
CompressionAlgorithm: uint16 (enum)

LaunchInContextService [E]

FingerprintMatchingStatistics [E]
NumberOfAccepts: uint32
NumberOfRejects: uint32

RemoteServiceAccessPoint
(See Core Model (Service))

LaunchInContextSAP [E]
AccessContext: uint16
AccessInfo: string
InfoFormat: uint16
LaunchMessage: string
LaunchMessageProtocolOperation: uint16 (enum)
ManagementIsRestricted: boolean
ManagedClasses: string[]
ParameterConstraints: string[]
ParameterDerivation: string[]
ParameterDescription: string[]
ParameterName: string[]
ParameterType: uint16 (enum)
SupportedFeatureDescription: string[]
SupportedFeatureName: string[]


EnabledLogicalElementCapabilities
(See Core Model (Capabilities))

FingerprintMatchingServiceCapabilities [E]
CompressionAlgorithmsSupported: uint16 (enum)
MatchingAlgorithmsSupported: string[] [256]
OtherTemplateFormatsSupported: uint16 (enum)

LaunchInContextCapabilities [E]
MaxLaunchPoints: uint16
MaxRestrictionListSize: uint16

StatisticalData
(See Core Model (Statistics))


GetSupportedConnectionFeatures
GetSupportedReplicationSettingData
GetSupportedMaximum
GetSupportedThinProvisioningFeatures
GetSupportedSettingsDefineStateOperations
GetSupportedGroupOperations
GetSupportedOperations
GetSupportedGroupFeatures
GetSupportedFeatures

boolean ConsistentPointInTime
DeleteOnEmptyElement: boolean
DeleteOnUnassociated: boolean
Persistent: boolean
boolean ConsistentPointInTime = false;

ReplicationGroup [E]
DeleteOnEmptyElement: boolean
DeleteOnUnassociated: boolean
Persistent: boolean
boolean ConsistentPointInTime = false;

ReplicationEntity [E]

ReplicationSettingData [E]
ConsistentPointInTime: boolean
CopyPriority: uint16 (enum)
DeltaUpdateInterval: datetime
DesiredCopyMethodology: uint16
Multihop: uint16
OnGroupOrListError: uint16 (enum)
Pairing: uint16 [enum]
TargetElementSupplier: uint16 [enum]
ThinProvisioningPolicy: uint16 [enum]
UnequalGroupsAction: uint16 [enum]
CopyRecoveryMode: uint16 = 4 [Enum]
UnequalListsAction: uint16 = 2 [Enum]
DeltaUpdateAction: uint64

ReplicationServiceCapabilities [E]
GetSupportedFeatures([IN] ReplicationType: uint16, [OUT] Features: uint16[]): uint32 [enum]
GetSupportedGroupFeatures([IN] ReplicationType: uint16, [OUT] GroupFeatures: uint16[]): uint32 [enum]
GetSupportedConsistency([IN] ReplicationType: uint16, [OUT] SupportedConsistency: uint16[]): uint32 [enum]
GetSupportedOperations([IN] ReplicationType: uint16, [OUT] SupportedOperations: uint16[]): uint32 [enum]
GetSupportedGroupOperations([IN] ReplicationType: uint16, [OUT] SupportedGroupOperations: uint16[]): uint32 [enum]
GetSupportedSettingsDefineStateOperations([IN] ReplicationType: uint16, [OUT] SupportedOperations: uint16[]): uint32 [enum]
GetSupportedThinProvisioningFeatures([IN] ReplicationType: uint16, [OUT] SupportedThinProvisioningFeatures: uint16[]): uint32 [enum]
GetSupportedReplicationSettingData([IN] ReplicationType: uint16, [IN] PropertyName: uint16, [OUT] SupportedValues: uint64[]): uint32 [enum]
GetSupportedConnectionFeatures([IN] connection: ref CIM_ServiceAccessPoint, [OUT] SupportedConnectionFeatures: uint16[]): uint32 [enum]

**ElementFRU (E)**
- ReplaceableElement: ref CIM_PhysicalElement (key, *)
- ReplacementElement: ref CIM_ReplacementFRU (key, *)

**ElementHasBeenFRUed (E)**
- ReplacedElement: ref CIM_PhysicalElement (key, *)
- ReplacementElement: ref CIM_PhysicalElement (key, *)

**ServiceAvailableToElement**
- ServiceProvided: ref Service (key, *)
- UserOfService: ref ManagedElement (key, *)

**AssociatedPowerManagementService**
- ServiceProvided: ref CIM_PowerManagementService (key, *)
- PowerState: uint16 (enum)
- OtherPowerState: string
- PowerOnTime: datetime
- RequestedPowerState: uint16 (E)
- OtherRequestedPowerState: uint16 (E)
- TransitioningToPowerState: uint16 (E)
- AvailableRequestedPowerStates: uint16[] (enum, E)

**SAPAvailableForElement**
- AvailableSAP: ref ServiceAccessPoint (key, *)
- ManagedElement: ref ManagedElement (key, *)

**ManagementSAP (E)**
- AvailableSAP: ref ServiceAccessPoint (key, *)
- ManagedElement: ref ManagedElement (key, *)
See Core Model (Dependency Hierarchy 1)