CIM V2.43.0

Inheritance

Association

Aggregation

Aggregation with WEAK reference

Composition Aggregation

Equivalent to: 0..n

Policy
(See Policy Model)

PolicyCondition
(See Policy Model)

PolicyAction
(See Policy Model)

PolicySet
(See Policy Model)

PolicyRule
(See Policy Model)

PacketFilterCondition
(See IPSecPolicy page - Policy)

PacketConditionInSARule

SAAction {Abstract}
(See IPSecPolicy page - Policy Actions)

SAProposal {Abstract}
(See IPSecPolicy page - Policy Actions)

SATransform {Abstract}
(See Network Model (Ipsec))

SettingData
(See Core Model)

ScopedSettingData
(See Core Model)

SARule
(See IPSecPolicy page - Policy)
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**ManagedElement**
(See Core Model)

**Dependency**

**LogicalIdentity**

**Component**

**Policy**
(See Policy Model)

**PolicySet**
(See Policy Model)

**PolicyRule**
(See Policy Model)

**PolicyCondition**
(See Policy Model)

**LogicalElement**
(See Core Model)

**EnabledLogicalElement**
(See Core Model)

**ServiceAccessPoint**
(See Core Model)

**System**
(See Core Model)

**PolicyGroup**
(See Policy Model)

**IPsecPolicyForSystem**
0..1

**IPsecPolicyForEndpoint**

**SecurityAssociationEndpoint**
(See Network Model (IPsec))

**IPProtocolEndpoint**
(See Network Model (ProtocolEndpoint))

**ProtocolEndpoint**

**RuleThatGeneratedSA**

**LimitedNegotiation**: uint16 {enum}

**IdentityContexts**: string[]

**IKERule**

**IPsecRule**

**PacketConditionInSARule**
1..n

**PacketFilterCondition**

**SARule**
0..1
Policy Actions

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CIM_IPsecPolicy.vsd: 12 Dec 2014

ManagedElement
(See Core Model)

ManagedSystemElement
(See Core Model)

LogicalElement
(See Core Model)

EnabledLogicalElement
(See Core Model)

ServiceAccessPoint
(See Core Model)

RemoteServiceAccessPoint
(See Core Model)

Policy (Abstract)
(See Policy Model)

PolicyAction (Abstract)
(See Policy Model)

SAAction (Abstract)
DoPacketLogging: boolean

SANegotiationAction (Abstract)
MinLifetimeSeconds: uint64 (units) = 0
IdleDurationSeconds: uint64 (units) = 0
MinLifetimeKilobytes: uint64 (units) = 0

IKEAction
ExchangeMode: uint16 (enum)
UseIKEIdentityType: uint16 (enum)
VendorID: string = ""
AggressiveModeGroupID: uint16 (enum)

IPsecAction
UsePFS: boolean
UsePhase1Group: boolean
GroupID: uint16 (enum)
VendorID: string
Granularity: uint16 (enum)
OtherGranularity: string

IPsecTunnelAction
DFHandling: uint16 (enum)

IPsecTransportAction

SAProposal (Abstract)

SATransform

SAAction (Abstract)

ScopedSettingData
(See Core Model)

SettingData
(See Core Model)

ContainedSettingData
SequenceNumber: uint16

IPsecProposal

IKEProposal
MaxLifetimeSeconds: uint64
MaxLifetimeKilobytes: uint64
CipherAlgorithm: uint16 (enum)
OtherCipherAlgorithm: string
HashAlgorithm: uint16 (enum)
OtherHashAlgorithm: string
AuthenticationMethod: uint16 (enum)
OtherAuthenticationMethod: string
GroupID: uint16 (enum)
VendorID: string

TransformOfPreconfiguredAction
SPI: uint32
InboundDirection: boolean

PreconfiguredSAAction
LifetimeKilobytes: uint64 (units)

PreconfiguredTransportAction
DFHandling: uint16 (enum)

PreconfiguredTunnelAction

1..n

2..6

0..1

*
IPsecPolicyForEndpoint
Antecedent: ref IPProtocolEndpoint (*)
Dependent: ref PolicyGroup {0..1}

IPsecPolicyForSystem
Antecedent: ref System (*)
Dependent: ref PolicyGroup {0..1}

PeerGatewayForPreconfiguredTunnel
Antecedent: ref RemoteServiceAccessPoint {0..1}
Dependent: ref PreconfiguredTunnelAction (*)

PeerGatewayForTunnel
Antecedent: ref RemoteServiceAccessPoint (*)
Dependent: ref IPSecTunnelAction (*)
SequenceNumber: uint16

RuleThatGeneratedSA
Antecedent: ref SARule {0..1}
Dependent: ref SecurityAssociationEndpoint (*)

TransformOfPreconfiguredAction
Antecedent: ref SATransform {2..6}
Dependent: ref PreconfiguredSAAction (*)
SPI: uint32
InboundDirection: boolean
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Component
GroupComponent: ref ManagedSystemElement {key, *}
PartComponent: ref ManagedSystemElement {key, *}

ContainedProposal
GroupComponent: ref SANNegotiationAction (*)
PartComponent: ref SAProposal ()
SequenceNumber: uint16

ContainedTransform
GroupComponent: ref IPsecProposal (*)
PartComponent: ref SATransform (1)
SequenceNumber: uint16

PolicyComponent
GroupComponent: ref Policy ()
PartComponent: ref Policy ()

PolicyConditionStructure
GroupComponent: ref Policy ()
PartComponent: ref PolicyCondition ()
GroupNumber : uint16
ConditionNegated : boolean

PolicyConditionInPolicyRule
GroupComponent: ref PolicyRule ()
PartComponent: ref PolicyCondition ()

PacketConditionInSARule
GroupComponent: ref SARule (*)
PartComponent: ref PacketFilterCondition {1..*}