**Policy**

**PolicyComponent**
- CommonName: string
- PolicyKeywords: string[]

**PolicySet** (Abstract)
- See Policy Sets

**PolicySetComponent**
- Priority: uint16

**Policy** (Abstract)
- ManagedElement (Abstract) (from Core)
- Dependency

**PolicyCondition** (Abstract)
- See Policy Conditions

**PolicyAction** (Abstract)
- See Policy Actions

**ManagedElement** (Abstract) (from Core)
- Dependency

**PolicyConditionStructure**
- GroupNumber: uint16
- ConditionNegated: boolean

**PolicyActionStructure**
- ActionOrder: uint16

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Policy Rules

PolicySet (Abstract)

See Policy Sets

PolicyRule

CreationClassName: string[key]
PolicyRuleName: string[key]
ConditionListType: uint16 {Enum} = 1
RuleUsage: string
Priority: uint16 {D}
Mandatory: boolean {D}
SequencedActions: uint16 {Enum} = 3
ExecutionStrategy: uint16 {Enum}

PolicyRuleValidityPeriod (D)

AuthenticationRule

AuthorizationRule (E)

PrivilegePropagationRule (E)

PrivilegePropagationRule (E)

TierPolicyRule (E)

PolicyConditionInPolicyRule

PolicyCondition (Abstract)

See Policy Conditions

PolicyTimePeriodCondition

See Policy Conditions

System (Abstract, from Core)

PolicyRuleInSystem

PolicyGroup

CreationClassName: string[key]
PolicyGroupName: string[key]

PolicyGroupInSystem

PolicyGroupInPolicyGroup (D)

PolicyRuleInPolicyGroup (D)

PolicyConditionInPolicyRule

GroupNumber: uint16
ConditionNegated: boolean

PolicyRuleValidityPeriod (D)

ProvisioningType: uint16 {Enum}
DataMovementRate: uint16 {Enum}
RuleDiscriminator: string[

TierPolicyRule (E)

TimePeriodCondition: uint16

PolicyRuleValidityPeriod (D)

CIM_Policy.vsd:

Title : Policy Schema v 2.42.0
Author : DMTF Policy WG
Date : 30 Aug 2014

System (Abstract, from Core)

PolicyRuleInSystem

PolicyGroup

CreationClassName: string[key]
PolicyGroupName: string[key]

PolicyGroupInSystem

PolicyGroupInPolicyGroup (D)

PolicyRuleInPolicyGroup (D)

PolicyConditionInPolicyRule

GroupNumber: uint16
ConditionNegated: boolean

PolicyRuleValidityPeriod (D)

ProvisioningType: uint16 {Enum}
DataMovementRate: uint16 {Enum}
RuleDiscriminator: string[

TierPolicyRule (E)

TimePeriodCondition: uint16

PolicyRuleValidityPeriod (D)
AuthorizationRule (E)

* AuthorizationRuleAppliesToTarget (E)

* AuthorizationRuleAppliesToPrivilege (E)

* AuthorizationRuleAppliesToIdentity (E)

* AuthorizationRuleAppliesToRole (E)

ManagedElement (Abstract)
(form Core)

Privilege
(from User)

Identity
(from User)

Role
(from User)
AuthenticationCondition

Abstract

- SharedSecretAuthentication
  - IDOfPrincipal: string
  - ContextOfSecret: string

- AccountAuthentication
  - AccountID: string
  - AccountContext: string

- BiometricAuthentication
  - TypeOfBiometric: uint16 (Enum)
  - PersonalIdentifier: string

- NetworkingIDAAuthentication
  - NetworkingIdentityClassName: string

- PublicPrivateKeyAuthentication
  - SelfIssuedKey: boolean
  - DistinguishedName: string
  - PublicKey: string

- KerberosAuthentication
  - UserName: string

- DocumentAuthentication
  - TypeOfDocument: uint16 (Enum)
  - OtherDocument: string
  - DocumentIdentifier: string

- PhysicalCredentialAuthentication
  - TypeOfCredential: uint16 (Enum)
  - OtherCredential: string
  - PhysicalIdentifier: string
**PolicyRuleInSystem**

System (Abstract, from Core)

AdminDomain (form Core)

Priority: uint16

See Policy Sets

See Policy Role Collection

See Policy Sets

See Policy Sets

See Policy Groups

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**PolicySchema v2.42.0**

**Author**: DMTF Policy WG

**Date**: 30 Aug 2014

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**PolicyRoleCollection**

- **Collection** (from Core)
  - **SystemSpecificCollection** (from Core)
    - **InstanceID**: string (key)
      - **System** (from Core)
        - **PolicyRoleCollection**
          - **PolicyRole**: string (Req'd)
            - **ActivatePolicySet** ([IN] Element: ref ManagedElement) : uint32
            - **DeactivatePolicySet** ([IN] Element: ref ManagedElement) : uint32

- **SystemSpecificCollection**
  - **HostedCollection**
    - **PolicyRoleCollectionInSystem**
  - **MemberOfCollection**
    - **ElementInPolicyRoleCollection**

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**ManagedElement** (Abstract) (form Core)

- **PolicySet** (Abstract)
  - [See Policy Sets]

- **ElementInPolicyRoleCollection**

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**PolicySet** (Abstract) [See Policy Sets]
Policy Service

ImplementationType: uint16 (Enum)

1

ElementSetting

*  

SecurityService
(See Core Model)

RemoteServiceAccessPoint
(See Core Model)

AccessControlService (E)
ImplementationType: uint16 (Enum)

PolicyTransferServiceAccessPoint (E)
PolicyTransferURIs: string[]

PolicyTransferServiceAccessPoint
(See Core Model)

ElementSetting

*  

AccessControlServiceSettingData (E)
PrincipalType: uint16 (Enum)
OtherResourceType: string
ResourceType: string (Enum)

PolicyGroup
See Policy Sets

AccessControlPolicyGroup (E)
SystemCreationClassName: string (Key)
SystemName: string (Key)
CreationClassName: string (Key)
PolicyGroupName: string (Key)

PolicyGroup

ElementSetting

*  

Service
(See Core Model)

PolicyActivationService (E)
ActivatePolicy:
  [IN] TargetPolicies REF[] CIM_AccessControlPolicy
    : uint32 (Enum)
DeactivatePolicy:
  [IN] TargetPolicies REF[] CIM_AccessControlPolicy
    : uint32 (Enum)

PolicyTransferURIs: string[]

PolicyGroup

See Policy Sets