ONAP Information Model

## Common Model

### Classes

#### CommonEventHeader

#### AffinityOrAntiAffinityGroup

#### Agreement

#### BusinesInteractionRelationship

#### BusinessInteraction

#### BusinessInteraction

#### BusinessInteractionItem

#### BusinessInteractionSpec

#### BusinessInteractionVersion

#### BusinessObject

#### CodecsInUse

#### Cp

#### Cpd

#### CpdPool

#### CpuUsage

#### Delete LicenseKeyDesc

#### Descriptor

#### Descriptor

#### Descriptor (EntitySpecification)

#### DesignEntity

#### DiskUsage

#### Domain

#### EndOfCallVqmSummaries

#### EntitlementDesc (PurchaseUseRights-PUR)

#### EntitlementInstance

#### EntitlementPoolDesc

#### EntitlementPoolInstance

#### Entity

#### Entity

#### Event

#### Event

#### ExtCpd

#### Fault

#### FeatureGroup

#### FilesystemUsage

#### GtpPerFlowMetrics

#### Heartbeat

#### HugePages

#### InternalNetworkFunctionDesc

#### Ipmi

#### IpmiBaseboardTemperature

#### IpmiBaseboardVoltageRegulator

#### IpmiBattery

#### IpmiFan

#### IpmiGlobalAggregateTemperatureMargin

#### IpmiHsbp

#### IpmiNic

#### IpmiPowerSupply

#### IpmiProcessor

#### LatencyBucketMeasure

#### LicenceKeyPoolDesc

#### LicenseAgreement

#### LicenseKeyInstance

#### LicenseKeyPoolInstance

#### LinkPort

#### Load

#### Location

#### MachineCheckException

#### ManagedEntity

#### ManagedEntity

#### ManagedEntity (Delete)

#### MeasDataCollection

#### MeasInfo

#### MeasInfoIdString

#### MeasResultInteger

#### MeasResultString

#### MeasTypesInteger

#### MeasTypesString

#### MeasValues

#### Measurement

#### MemoryUsage

#### MesResultNumber

#### Metadata

#### MobileFlow

#### NfInstance

#### NicPerformance

#### Notification

#### OnboardingCpDescriptor

#### OnboardingNfDescriptor

#### OnboardingNfPackage

#### OnboardingPnfDescriptor

#### OnboardingPnfPackage

#### OnboardingVLDescriptor

#### OnboardingVnfDescriptor

#### OnboardingVnfPackage

#### OperationalEntity

#### Order

#### Order

#### Other

#### PNFDevice

#### Party

#### Party

#### PartyDesc

#### Perf3gpp

#### Place

#### PlatformCpDescriptor

#### PlatformDescriptor (InternalModel)

#### PlatformNfDescriptor

#### PlatformPnfDesciptor

#### PlatformVLDescriptor

#### PlatformVnfDescriptor

#### Pnf

#### PnfD

#### PnfInstance

#### PnfRegistration

#### Policy

#### Policy

#### PolicyAction

#### PolicyActionAtomic

#### PolicyActionComposite

#### PolicyCondition

#### PolicyEvent

#### PolicyEvent2

#### PolicyEventAtomic

#### PolicyEventComposite

#### PolicyGroup

#### PolicyRule

#### PolicyRuleTemplate (PolicyRuleSpec)

#### PolicyRuleTemplateA (Drools)

#### PolicyRuleTemplateB (XACML)

#### PolicyStatement

#### PoolLimit

#### ProcessStats

#### ProcessorDimmAggregateThermalMargin

#### Product

#### Resource

#### Resource

#### ResourceDescriptor

#### RootEntity

#### RootEntity

#### Service

#### Service

#### ServiceDescriptor

#### ServiceDescriptor

#### SipSignaling

#### StateChange

#### Syslog

#### ThresholdCrossingAlert

#### UnManagedEntity

#### VendorLicenseModel (VLM)

#### VendorNfNameFields

#### VirtualLink

#### VirtualLinkDesc

#### VirtualLinkProfile

#### Vnf

#### VnfD

#### VnfInstance

#### VnfcDescriptor

#### VoiceQuality

#### measInfoIdInteger

#### measResultNull

### Data Types

#### AddressData

#### ArrayOfSchemaObject

#### ArrayofNamedHashMap

#### ConnectivityType

#### CpProtocolData

#### HashMap

#### Identifier

#### Key

#### KeyValuePair

#### L2AddressData

#### L2ProtocolData

#### L3AddressData

#### L3ProtocolData

#### LinkBitrateRequirements

#### LocalAffinityOrAntiAffinityRule

#### NamedHashMap

#### ProcessStats

#### QoS

#### SchemaObject

#### SchemaObjectInstance

#### SecurityParameters

#### ThresholdCrossingAlertCounter

#### TimePeriod

### Enumerations

#### AddressType

Contains Enumeration Literals:

* MAC:
* IP:

#### AggregationTypes

Contains Enumeration Literals:

* PEAK:
* AVERAGE:

#### AlertAction

Contains Enumeration Literals:

* SET:
* CONT:
* CLEAR:

#### AlertType

Contains Enumeration Literals:

* CARD\_ANOMALY:
* INTERFACE\_ANOMALY:
* ELEMENT\_ANOMALY:
* SERVICE\_ANOMALY:

#### DecisionStrategy

Contains Enumeration Literals:

* 0:
* 1:
* 2:

#### Domain

Contains Enumeration Literals:

* FAULT:
* HEARTBEAT:
* MEASUREMENT:
* MOBILEFLOW:
* NOTIFICATION:
* OTHER:
* PERF3GPP:
* PNFREGISTRATION:
* SIPSIGNALING:
* STATECHANGE:
* SYSLOG:
* THRESHOLDCROSSINGALERT:
* VOICEQUALITY:

#### EPMetricType

Contains Enumeration Literals:

* BWTH:
* COUNTRY:
* SESSION:
* LOB:
* SITE:
* USAGE:
* OTHER:

#### EndpointDescription

Contains Enumeration Literals:

* CALLER:
* CALLEE:

#### EventSeverity

Contains Enumeration Literals:

* CRITICAL:
* MAJOR:
* MINOR:
* WARNING:
* NORMAL:

#### HasExecuted

Contains Enumeration Literals:

* 0:
* 1:
* 2:
* 3:

#### IpV6AdressMode

Contains Enumeration Literals:

* SLAAC:
* DHCPV6\_STATEFUL:
* DHCPV6\_STATELESS:

#### IpVersion

Contains Enumeration Literals:

* IPV4:
* IPV6:

#### LayerProtocol

Contains Enumeration Literals:

* ETHERNET:
* MPLS:
* ODU2:
* IPV4:
* IPV6:
* PSEUDOWIRE:

#### LicenseDuration

Contains Enumeration Literals:

* YEAR:
* QUARTER:
* MONTH:
* DAY:

#### LicenseKeyGroupType

Contains Enumeration Literals:

* UNIVERSAL:
* UNIQUE:
* ONE\_TIME:

#### LicenseTerm

Contains Enumeration Literals:

* FIXED\_TERM:
* PERPETUAL:
* UNLIMITED:
* OTHER:
* TRIAL:
* SUBSCRIPTION:

#### LimitUnits

Contains Enumeration Literals:

* TRUNKS:
* USERS:
* SUBSCRIBERS:
* SESSIONS:
* TENANTS:
* TOKENS:
* SEATS:
* TB:
* GB:
* MB:
* OTHER:

#### NetworkType

Contains Enumeration Literals:

* FLAT:
* VLAN:
* VXLAN:
* GRE:

#### NicAdminState

Contains Enumeration Literals:

* IN\_SERVICE:
* OUT\_OF\_SERVICE:

#### NicOpsState

Contains Enumeration Literals:

* IN\_SERVICE:
* OUT\_OF\_SERVICE:

#### PolicyExecutionStrategy

Contains Enumeration Literals:

* 0:
* 1:
* 2:
* 3:
* 4:

#### Priority

Contains Enumeration Literals:

* HIGH:
* MEDIUM:
* NORMAL:
* LOW:

#### RuleScope

Contains Enumeration Literals:

* NFVI\_POP:
* ZONE:
* ZONE\_GROUP:
* NFVI\_NODE:

#### RuleType

Contains Enumeration Literals:

* AFFINITY:
* ANTI\_AFFINITY:

#### SyslogFacility

Contains Enumeration Literals:

* 0:
  + kernel messages
* 1:
  + user-level messages
* 2:
  + mail system
* 3:
  + system daemons
* 4:
  + security/authorization messages
* 5:
  + messages generated internally by syslogd
* 6:
  + line printer subsystem
* 7:
  + network news subsystem
* 8:
  + UUCP subsystem
* 9:
  + clock daemon
* 10:
  + security/authorization messages
* 11:
  + FTP daemon
* 12:
  + NTP subsystem
* 13:
  + log audit
* 14:
  + log alert
* 15:
  + clock daemon
* 16:
  + local use 0 (local0)
* 17:
  + local use 1 (local1)
* 18:
  + local use 2 (local2)
* 19:
  + local use 3 (local3)
* 20:
  + local use 4 (local4)
* 21:
  + local use 5 (local5)
* 22:
  + local use 6 (local6)
* 23:
  + local use 7 (local7 )

#### SyslogSev

Contains Enumeration Literals:

* EMERGENCY:
  + 0
  + system is unusable
* ALERT:
  + 1
  + action must be taken immediately
* CRITICAL:
  + 2
  + critical conditions
* ERROR:
  + error conditions
  + 3
* WARNING:
  + warning conditions
  + 4
* NOTICE:
  + normal but significant condition
  + 5
* INFO:
  + 6
  + Informational messages
* DEBUG:
  + debug-level messages
  + 7

#### TCACriticality

Contains Enumeration Literals:

* CRIT:
* MAJ:

#### ThresholdUnitType

Contains Enumeration Literals:

* ABSOLUTE:
* %:

#### VfStatus

Contains Enumeration Literals:

* ACTIVE:
* IDLE:
* PREPARING\_TO\_TERMINATE:
* READY\_TO\_TERMINATE:
* REQUESTING\_TERMINATION:

### Primitives

#### DateTime

#### Number

#### Object

#### Rule

#### UnixEpoch

#### Uri

#### Uuid

#### Version

## Service Model

### Classes

#### Attachment

#### Attachments

#### CustomizedType

#### Dependencies

#### GlobalType

#### InternalServiceDescriptor

#### NetworkServiceInstance

#### Nfpd

#### NsOrVnfProfile

#### OnboardNSDescriptor

#### OrderItemRelationship

#### OrderRelationship

#### OrderState

#### Sap

#### Sapd

#### Service CompositeDescriptor

#### ServiceAtomicDescriptor

#### ServiceAtomicInstance

#### ServiceCandidate (ServiceCatalogItem)

#### ServiceCatalog

#### ServiceCharacteristic

#### ServiceCompositeInstance

#### ServiceDescAtomic

#### ServiceDescComposite

#### ServiceDescriptor

#### ServiceInstance

#### ServiceOrder

#### ServiceOrderItem

#### Value

#### sliceProfile?

### Data Types

#### ProviderDetails

#### TimePeriod

#### VirtualLinkToLevelMapping

### Enumerations

#### Action

Contains Enumeration Literals:

* ADD:
* MODIFY:
* DELETE:
* NO\_CHANGE:

#### OrderPriority

Contains Enumeration Literals:

* 0:
* 1:
* 2:
* 3:
* 4:

#### OrderState

Contains Enumeration Literals:

* ACKNOWLEDGED:
* IN\_PROGRESS:
* PENDING:
* HELD:
* CANCELLED:
* COMPLETED:
* FAILED:
* PARTIAL:
* REJECTED:

### Primitives

## Resource Model

### Classes

#### ResourceDesc (ResourceSpecification)

### Data Types

### Enumerations

### Primitives

## Vnf Model

### Classes

#### AllottedLink

#### Anfd

#### BaseConfigGroup

#### DeploymentGroup

#### HomingGroup

#### InstantiationLevel

#### LogicalNodeRequirements

#### PlacementGroup

#### ScalingAspect

#### ScalingGroup

#### SwImage

#### SwImageDesc

#### Vdu

#### VduCpd

#### VduLevel

#### VduProfile

#### VirtualComputeDesc

#### VirtualLinkDescFlavour

#### VirtualLinkProfile

#### VirtualNetworkInterfaceRequirements

#### VirtualStorageDesc

#### Vnf

#### VnfDf

#### VnfExtCp

#### VnfExtCpd

#### VnfIndicator

#### VnfProfile

#### VnfVirtualLink

#### VnfVirtualLinkDesc

#### Vnfc

#### VnfcCp

#### Vnfd

#### VnfdElementGroup

#### Vnffg

#### Vnffgd

### Data Types

#### BlockStorageData

#### FileStorageData

#### LogicalNodeRequirements

#### MonitoringParameter

#### ObjectStorageData

#### RequestedAdditionalCapabilityData

#### ScaleInfo

#### StorageQos

#### VirtualCpuData

#### VirtualCpuPinningData

#### VirtualLinkBitRateLevel

#### VirtualLinkProtocolData

#### VirtualMemoryData

#### VnfConfigurableProperties

#### VnfIndicatorData

#### VnfInfoModifiableAttributes

#### VnfLcmOperationsConfiguration

#### VnfLifecycleManagementScript

#### VnfQoS

#### VnfToLevelMapping

#### VnfcConfigurableProperties

#### VolumeType

### Enumerations

#### ClosedLoopStatus

Contains Enumeration Literals:

* ENABLED:
* DISABLED:

#### CollectionPeriod

Contains Enumeration Literals:

#### ConsumerScope

Contains Enumeration Literals:

* BACK\_END:

#### HomingStrategy

Contains Enumeration Literals:

* Colocation:
* isolation:

#### LcmEvent

Contains Enumeration Literals:

* EVENT\_START\_INSTANTIATION:
* EVENT\_END\_INSTANTIATION:
* EVENT\_START\_SCALING:
* EVENT\_END\_SCALING:
* EVENT\_START\_SCALING\_TO\_LEVEL:
* EVENT\_END\_SCALING\_TO\_LEVEL:
* EVENT\_START\_HEALING:
* EVENT\_END\_HEALING:
* EVENT\_START\_TERMINATION:
* EVENT\_END\_TERMINATION:
* EVENT\_START\_VNF\_FLAVOR\_CHANGE:
* EVENT\_END\_VNF\_FLAVOR\_CHANGE:
* EVENT\_START\_VNF\_OPERATION\_CHANGE:
* EVENT\_END\_VNF\_OPERATION\_CHANGE:
* EVENT\_START\_VNF\_EXT\_CONN\_CHANGE:
* EVENT\_END\_VNF\_EXT\_CONN\_CHANGE:
* EVENT\_START\_VNFINFO\_MODIFICATION:
* EVENT\_END\_VNFINFO\_MODIFICATION:

#### OperationalStatus

Contains Enumeration Literals:

* IN\_SERVICE\_PATH:
* OUT\_OF\_SERVICE\_PATH:

#### OrchestrationStatus

Contains Enumeration Literals:

* INVENTORIED:
* ASSIGNED:
* CREATED:
* ACTIVE:

#### PinningPolicy

Contains Enumeration Literals:

* STATIC:
* DYNAMIC:

#### PlacementStrategy

Contains Enumeration Literals:

* COLOCATION:
* ISOLATION:
* EXCLUSIVITY:

#### ProvStatus

Contains Enumeration Literals:

* PROVISIONED:
* PREPROVISIONED:
* CAPPED:

#### VnfSource

Contains Enumeration Literals:

* VNF:
* EM:
* BOTH:

#### VnicType

Contains Enumeration Literals:

* NORMAL:
* MACVTAP:
* DIRECT:
* BAREMETAL:
* DIRECT\_PHYSICAL:
* VIRTIO\_FORWARDER:

### Primitives

## Nf Model

### Classes

#### NetworkFunction

#### NetworkFunctionDesc

#### NfDf

#### NfIndicator

### Data Types

### Enumerations

#### NfIndicatorSource

Contains Enumeration Literals:

* VNF:
* EM:
* BOTH:

### Primitives

## Ns Model

### Classes

#### NSD

#### NsDf

#### NsLevel

#### NsLinkPort

#### NsProfile

#### NsScalingAspect

#### NsVirtualLink

#### NsVirtualLinkDesc

### Data Types

#### MonitoredData

#### NsLifeCycleManagementScript

#### NsQoS

#### NsToLevelMapping

#### NsVirtualLinkConnectivity

#### VirtualLinkDf

### Enumerations

#### ServiceAvailabilityLevel

Contains Enumeration Literals:

* LEVEL\_1:
* LEVEL\_2:
* LEVEL\_3:

### Primitives

## Party Model

### Classes

#### AtomicOrganization

#### CompositeOrganization

#### Individual

#### Organization

#### OrganizationDecompositionComponent

#### Party

### Data Types

### Enumerations

### Primitives