# Switch

Managed network switching device.

https://docs.qintoravacloud.com/ci-classes/switch/

## Class policy

**Class key**

`switch`

**Parent class**

network

**Family and category**

hardware · network

**CSDM domain**

`foundation`

**Principal class**

Yes

**HAM / SAM policy**

HAM / —

**Identification fields**

`serialNumber`, `managementIp`

**Operational statuses**

`ready`, `operational`, `degraded`, `in_maintenance`, `repair_in_progress`, `non_operational`, `disaster_recovery_standby`, `retired`

**Lifecycle statuses**

`on_order`, `in_stock`, `in_transit`, `installed`, `in_maintenance`, `pending_retirement`, `retired`, `disposed`

**Class fields**

`technologyType`, `number`, `cmdbClass`, `csdmDomain`, `ciStatus`, `title`, `description`, `ownerId`, `managedById`, `assignmentGroupId`, `approvalGroupId`, `companyId`, `locationId`, `dcAccountId`, `createdAt`, `updatedAt`, `installStatus`, `stockroomId`, `assetTag`, `serialNumber`, `manufacturer`, `model`, `purchaseDate`, `installDate`, `warrantyExpiration`, `retirementDate`, `assetRecordId`, `assetLifecycleState`, `departmentId`, `costCenterId`, `discoveryManaged`, `discoverySourceId`, `ireRuleId`, `lastDiscovered`, `hostname`, `fqdn`, `ipAddress`, `macAddress`, `networkDeviceType`, `managementIp`, `firmwareVersion`, `networkZone`, `rackLocation`, `portCount`, `parentLocationCiId`, `dcAccountId`

**Parent required**

No

**Allowed parent classes**

rack

# Create or reconcile a CI

In CMDB, select the class, fill its identity fields, then verify the record's class, source and relationships after save or ingestion. For a possible duplicate, compare the source identity and class identifiers before changing the reconciliation rule. See Model and reconcile configuration items.