

# Workload Element Schema(WC)

## name

The workload element name. Workload element names must be unique (when converted to lower case with no whitespace) within a workload.

- type: string
- required: true
- restrictions: minLength = 1, maxLength = 64

## uri

The resource URI. This identifies the resource type of the workload element (in the ComputeNext catalog).

Currently only two resource types are allowed for workload elements: vm and vs.

- type: string
- required: true
- restrictions: minLength = 1, maxLength = 256

## parameters

Parameters for the workload element.

- type: object
- required: false

The parameters vary by the resource type.

In general the parameters that can be used for the equivalent “create” action can be specified here.

A virtual machine (vm) workload element can use the parameters allowed for *vm.create*

A volume storage (vs) workload element can use the parameters allowed for *vs.create*

See [Resource Types, Actions and Parameters](#)

However, there are some additional parameters available for the workload element that allow instances to be specified by *name*, not instance ID.

*Virtual Machine (vm)*

## keyPair

The key pair name that should be used for this VM. Maps to keyPairId.

## securityGroups

An array of security group names to be used for this VM. Maps to securityGroupIds.

*Volume Storage (vs)*

## attachTarget

The name of the VM that this VS should be attached to. Maps to virtualMachineld.

## metadata

The workload element metadata. The metadata is a set of key/value pairs, where the key is a string and the value may be a string or a JSON object. The workload element metadata will be added to the instance metadata when the instance is created.

- type: object
- required: false

There are several reserved metadata key names used by the workload API

- name (the workload element name)
- workloadId (the workload ID)
- transactionId (the transaction ID)