

Simple Inventory API

This is a simple API

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Servers

URL

Description

<https://virtserver.swaggerhub.com/IOL-OPNFV-LaaS/Labs/1.0.0>

Paths

GET /api/labs/{lab-name}/jobs/new

list of new, unstarted jobs for the lab

List of jobs for to start. These jobs all must have a status of new, meaning they are unstarted.

Path parameters

▷ lab-name

Name	Type	In	Description	Accepted values
lab-name (required)	string	path		Any

Responses

► 200 - search results matching criteria

Headers

No headers specified

application/json

Name	Type	Description	Accepted values
Response	array		Any
Response.id	integer	globally unique job identifier	Any
Response.payload			Any
Response.payload.hardware			Any
Response.payload.hardware.taskId			Any
Response.payload.hardware.taskId.id	string	ID of host	Any
Response.payload.hardware.taskId.image			Any
Response.payload.hardware.taskId.image.name	string		Any
Response.payload.hardware.taskId.image.description	string		Any
Response.payload.hardware.taskId.image.lab_id	string	identifier provided by lab	Any
Response.payload.hardware.taskId.image.dashboard_id	string	identifier provided by dashboard	Any
Response.payload.hardware.taskId.power	string	desired power state, either on or off	Any
Response.payload.hardware.taskId.hostname	string	user-defined hostname	Any
Response.payload.hardware.taskId.ipmi_create	boolean	whether or not to create an ipmi account	Any
Response.payload.hardware.taskId.lab_token	string	identifier provided by lab to this task	Any
Response.payload.software			Any
Response.payload.software.taskId			Any
Response.payload.software.taskId.opnfv			Any
Response.payload.software.taskId.opnfv.installer	string	Installer user wants	Any
Response.payload.software.taskId.opnfv.scenario	string	scenario of OPNFV to deploy	Any
Response.payload.software.taskId.opnfv.roles	array	role th host will play in OPNFV	Any
Response.payload.software.taskId.opnfv.roles.hostId	string	role for this host in the OPNFV deployment	Any
Response.payload.software.taskId.lab_token	string	identifier provided by lab to this task	Any
Response.payload.network			Any
Response.payload.network.taskId			Any
Response.payload.network.taskId.hostId			Any
Response.payload.network.taskId.hostId.interface_name	array	list of vlans on this interface	Any
Response.payload.network.taskId.hostId.interface_name.vlan_id	integer	vlan id	Any
Response.payload.network.taskId.hostId.interface_name.tagged	boolean	whether this vlan is tagged or untagged	Any
Response.payload.network.taskId.lab_token	string	identifier provided by lab to this task	Any
Response.payload.access			Any
Response.payload.access.taskId			Any
Response.payload.access.taskId.revoke	boolean	whether to revoke key during completion of job	Any
Response.payload.access.taskId.user	string	PK/ID of user access is being given to	Any
Response.payload.access.taskId.keytype	string	type of access key to be generated. Options include "vpn"	Any
Response.payload.access.taskId.hosts	array(string)	hosts to grant access to if applicable	Any
Response.payload.access.taskId.lab_token	string	identifier provided by lab to this task	Any
Response.payload.snapshot			Any
Response.payload.snapshot.taskId			Any
Response.payload.snapshot.taskId.host	string	how the lab identifies the host	Any
Response.payload.snapshot.taskId.image	string	lab id of existing image, if updating an existing image. if this key does not exist, the lab must	Any

Name	Type	Description	Accepted values
Response.payload.snapshot.taskId.dashboard_id	string	create a new image how the dashboard identifies this image / snapshot	<i>Any</i>

GET /api/labs/{lab-name}/jobs/current

list of unfinished jobs

List of jobs for that are still in progress. A job is in progress if it has been started but has not finished.

Path parameters

► lab-name

Name	Type	In	Description	Accepted values
lab-name (required)	string	path		<i>Any</i>

Responses

► 200 - search results matching criteria

Headers

No headers specified

application/json

Name	Type	Description	Accepted values
Response	array		<i>Any</i>
Response.id	integer	globally unique job identifier	<i>Any</i>
Response.payload			<i>Any</i>
Response.payload.hardware			<i>Any</i>
Response.payload.hardware.taskId			<i>Any</i>
Response.payload.hardware.taskId.id	string	ID of host	<i>Any</i>
Response.payload.hardware.taskId.image			<i>Any</i>
Response.payload.hardware.taskId.image.name	string		<i>Any</i>
Response.payload.hardware.taskId.image.description	string		<i>Any</i>
Response.payload.hardware.taskId.image.lab_id	string	identifier provided by lab	<i>Any</i>
Response.payload.hardware.taskId.image.dashboard_id	string	identifier provided by dashboard	<i>Any</i>
Response.payload.hardware.taskId.power	string	desired power state, either on or off	<i>Any</i>
Response.payload.hardware.taskId.hostname	string	user-defined hostname	<i>Any</i>
Response.payload.hardware.taskId.ipmi_create	boolean	whether or not to create an ipmi account	<i>Any</i>
Response.payload.hardware.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
Response.payload.software			<i>Any</i>
Response.payload.software.taskId			<i>Any</i>
Response.payload.software.taskId.opnfv			<i>Any</i>
Response.payload.software.taskId.opnfv.installer	string	Installer user wants	<i>Any</i>
Response.payload.software.taskId.opnfv.scenario	string	scenario of OPNFV to deploy	<i>Any</i>
Response.payload.software.taskId.opnfv.roles	array	role th host will play in OPNFV	<i>Any</i>
Response.payload.software.taskId.opnfv.roles.hostId	string	role for this host in the OPNFV deployment	<i>Any</i>
Response.payload.software.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
Response.payload.network			<i>Any</i>
Response.payload.network.taskId			<i>Any</i>
Response.payload.network.taskId.hostId			<i>Any</i>
Response.payload.network.taskId.hostId.interface_name	array	list of vlans on this interface	<i>Any</i>
Response.payload.network.taskId.hostId.interface_name.vlan_id	integer	vlan id	<i>Any</i>
Response.payload.network.taskId.hostId.interface_name.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
Response.payload.network.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
Response.payload.access			<i>Any</i>
Response.payload.access.taskId			<i>Any</i>
Response.payload.access.taskId.revoke	boolean	whether to revoke key during completion of job	<i>Any</i>
Response.payload.access.taskId.user	string	PK/ID of user access is being given to	<i>Any</i>
Response.payload.access.taskId.keytype	string	type of access key to be generated. Options include "vpn"	<i>Any</i>
Response.payload.access.taskId.hosts	array(string)	hosts to grant access to if applicable	<i>Any</i>
Response.payload.access.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>

Name	Type	Description	Accepted values
Response.payload.snapshot			<i>Any</i>
Response.payload.snapshot.taskId			<i>Any</i>
Response.payload.snapshot.taskId.host	string	how the lab identifies the host	<i>Any</i>
Response.payload.snapshot.taskId.image	string	lab id of existing image, if updating an existing image. if this key does not exist, the lab must create a new image	<i>Any</i>
Response.payload.snapshot.taskId.dashboard_id	string	how the dashboard identifies this image / snapshot	<i>Any</i>

GET /api/labs/{lab-name}/jobs/done

list of done jobs

List of jobs for that were started and are no longer in progress. A job can be marked 'done' with a successful or error status.

Path parameters

► lab-name

Name	Type	In	Description	Accepted values
lab-name (required)	string	path		<i>Any</i>

Responses

► 200 - search results matching criteria

Headers

No headers specified

application/json

Name	Type	Description	Accepted values
Response	array		<i>Any</i>
Response.id	integer	globally unique job identifier	<i>Any</i>
Response.payload			<i>Any</i>
Response.payload.hardware			<i>Any</i>
Response.payload.hardware.taskId			<i>Any</i>
Response.payload.hardware.taskId.id	string	ID of host	<i>Any</i>
Response.payload.hardware.taskId.image			<i>Any</i>
Response.payload.hardware.taskId.image.name	string		<i>Any</i>
Response.payload.hardware.taskId.image.description	string		<i>Any</i>
Response.payload.hardware.taskId.image.lab_id	string	identifier provided by lab	<i>Any</i>
Response.payload.hardware.taskId.image.dashboard_id	string	identifier provided by dashboard	<i>Any</i>
Response.payload.hardware.taskId.power	string	desired power state, either on or off	<i>Any</i>
Response.payload.hardware.taskId.hostname	string	user-defined hostname	<i>Any</i>
Response.payload.hardware.taskId.ipmi_create	boolean	whether or not to create an ipmi account	<i>Any</i>
Response.payload.hardware.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
Response.payload.software			<i>Any</i>
Response.payload.software.taskId			<i>Any</i>
Response.payload.software.taskId.opnfv			<i>Any</i>
Response.payload.software.taskId.opnfv.installer	string	Installer user wants	<i>Any</i>
Response.payload.software.taskId.opnfv.scenario	string	scenario of OPNFV to deploy	<i>Any</i>
Response.payload.software.taskId.opnfv.roles	array	role th host will play in OPNFV	<i>Any</i>
Response.payload.software.taskId.opnfv.roles.hostId	string	role for this host in the OPNFV deployment	<i>Any</i>
Response.payload.software.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
Response.payload.network			<i>Any</i>
Response.payload.network.taskId			<i>Any</i>
Response.payload.network.taskId.hostId			<i>Any</i>
Response.payload.network.taskId.hostId.interface_name	array	list of vlans on this interface	<i>Any</i>
Response.payload.network.taskId.hostId.interface_name.vlan_id	integer	vlan id	<i>Any</i>
Response.payload.network.taskId.hostId.interface_name.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
Response.payload.network.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
Response.payload.access			<i>Any</i>
Response.payload.access.taskId			<i>Any</i>
Response.payload.access.taskId.revoke	boolean	whether to revoke key during completion of job	<i>Any</i>

Name	Type	Description	Accepted values
Response.payload.access.taskId.user	string	PK/ID of user access is being given to	<i>Any</i>
Response.payload.access.taskId.keytype	string	type of access key to be generated. Options include "vpn"	<i>Any</i>
Response.payload.access.taskId.hosts	array(string)	hosts to grant access to if applicable	<i>Any</i>
Response.payload.access.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
Response.payload.snapshot			<i>Any</i>
Response.payload.snapshot.taskId			<i>Any</i>
Response.payload.snapshot.taskId.host	string	how the lab identifies the host	<i>Any</i>
Response.payload.snapshot.taskId.image	string	lab id of existing image, if updating an existing image. if this key does not exist, the lab must create a new image	<i>Any</i>
Response.payload.snapshot.taskId.dashboard_id	string	how the dashboard identifies this image / snapshot	<i>Any</i>

POST /api/labs/{lab-name}/jobs/{job_id}/{task_id}>

update job information

Path parameters

> lab-name

Name	Type	In	Description	Accepted values
lab-name (required)	string	path		<i>Any</i>

> job_id

Name	Type	In	Description	Accepted values
job_id (required)	integer	path		<i>Any</i>

> task_id

Name	Type	In	Description	Accepted values
task_id (required)	string	path		<i>Any</i>

Request body

application/json

Name	Type	Description	Accepted values
status	integer	status type, see status enum	<i>Any</i>
message	string	message from lab for user	<i>Any</i>
lab_token	string	identifier provided by lab to this task	<i>Any</i>

Example (generated)

```
{
  "status": 0,
  "message": "string",
  "lab_token": "string"
}
```

Responses

► 200 - success

Headers

No headers specified

GET /api/labs/{lab-name}/inventory

lab inventory

Path parameters

> lab-name

Name	Type	In	Description	Accepted values
lab-name (required)	string	path		<i>Any</i>

Responses

► 200 - lab inventory

Headers

No headers specified

application/json

Name	Type	Description	Accepted values
hosts	array	all hosts	<i>Any</i>
hosts.interfaces	array		<i>Any</i>
hosts.interfaces.mac	string	mac address	<i>Any</i>
hosts.interfaces.busaddr	string	bus address reported by <code>ethtool -i <ifname></code>	<i>Any</i>
hosts.interfaces.switchport			<i>Any</i>
hosts.interfaces.switchport.switch_name	string	name of switch owning this switchport	<i>Any</i>
hosts.interfaces.switchport.port_name	string	name of port on switch	<i>Any</i>
hosts.interfaces.switchport.invariant_config	array	list of vlans that may not be modified on this port	<i>Any</i>
hosts.interfaces.switchport.invariant_config.vlan_id	integer	vlan id	<i>Any</i>
hosts.interfaces.switchport.invariant_config.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
hosts.interfaces.switchport.current_config	array	list of current vlan configuration	<i>Any</i>
hosts.interfaces.switchport.current_config.vlan_id	integer	vlan id	<i>Any</i>
hosts.interfaces.switchport.current_config.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
hosts.hostname	string	globally unique fqdn	<i>Any</i>
hosts.host_type	string	name of host type this host belongs to	<i>Any</i>
networks	array	all networks	<i>Any</i>
networks.cidr	string	subnet description	<i>Any</i>
networks.gateway	string	ip of gateway	<i>Any</i>
networks.vlan	integer	vlan tag of this network	<i>Any</i>
images	array	available images	<i>Any</i>
images.name	string		<i>Any</i>
images.description	string		<i>Any</i>
images.lab_id	string	identifier provided by lab	<i>Any</i>
images.dashboard_id	string	identifier provided by dashboard	<i>Any</i>
host_types	array	all host types hosted by a lab	<i>Any</i>
host_types.cpu			<i>Any</i>
host_types.cpu.cores	integer	how many CPU cores the host has (across all physical cpus)	<i>Any</i>
host_types.cpu.arch	string	must be x86_64 or aarch64	<i>Any</i>
host_types.cpu.cpus	integer	Number of different physical CPU chips	<i>Any</i>
host_types.disks	array		<i>Any</i>
host_types.disks.size	string	size in M, G, or T	<i>Any</i>
host_types.disks.type	string	must be SSD or HDD	<i>Any</i>
host_types.disks.name	string	name of root block device	<i>Any</i>
host_types.description	string	human readable description of host type	<i>Any</i>
host_types.interface	array		<i>Any</i>
host_types.interface.speed	string	speed in M or G	<i>Any</i>
host_types.interface.name	string	interface name	<i>Any</i>
host_types.ram			<i>Any</i>
host_types.ram.amount	integer	amount of ram in Gibibytes (GiB)	<i>Any</i>
host_types.name	string	lab-unique name	<i>Any</i>

POST /api/labs/{lab-name}/inventory

updates lab inventory

Path parameters

▷ lab-name

Name	Type	In	Description	Accepted values
lab-name (required)	string	path		<i>Any</i>

Request body

application/json

Name	Type	Description	Accepted values
hosts	array	all hosts	<i>Any</i>
hosts.interfaces	array		<i>Any</i>
hosts.interfaces.mac	string	mac address	<i>Any</i>

Name	Type	Description	Accepted values
hosts.interfaces.busaddr	string	bus address reported by <code>ethtool -i <ifname></code>	<i>Any</i>
hosts.interfaces.switchport			<i>Any</i>
hosts.interfaces.switchport.switch_name	string	name of switch owning this switchport	<i>Any</i>
hosts.interfaces.switchport.port_name	string	name of port on switch	<i>Any</i>
hosts.interfaces.switchport.invariant_config	array	list of vlans that may not be modified on this port	<i>Any</i>
hosts.interfaces.switchport.invariant_config.vlan_id	integer	vlan id	<i>Any</i>
hosts.interfaces.switchport.invariant_config.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
hosts.interfaces.switchport.current_config	array	list of current vlan configuration	<i>Any</i>
hosts.interfaces.switchport.current_config.vlan_id	integer	vlan id	<i>Any</i>
hosts.interfaces.switchport.current_config.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
hosts.hostname	string	globally unique fqdn	<i>Any</i>
hosts.host_type	string	name of host type this host belongs to	<i>Any</i>
networks	array	all networks	<i>Any</i>
networks.cidr	string	subnet description	<i>Any</i>
networks.gateway	string	ip of gateway	<i>Any</i>
networks.vlan	integer	vlan tag of this network	<i>Any</i>
images	array	available images	<i>Any</i>
images.name	string		<i>Any</i>
images.description	string		<i>Any</i>
images.lab_id	string	identifier provided by lab	<i>Any</i>
images.dashboard_id	string	identifier provided by dashboard	<i>Any</i>
host_types	array	all host types hosted by a lab	<i>Any</i>
host_types.cpu			<i>Any</i>
host_types.cpu.cores	integer	how many CPU cores the host has (across all physical cpus)	<i>Any</i>
host_types.cpu.arch	string	must be x86_64 or aarch64	<i>Any</i>
host_types.cpu.cpus	integer	Number of different physical CPU chips	<i>Any</i>
host_types.disks	array		<i>Any</i>
host_types.disks.size	string	size in M, G, or T	<i>Any</i>
host_types.disks.type	string	must be SSD or HDD	<i>Any</i>
host_types.disks.name	string	name of root block device	<i>Any</i>
host_types.description	string	human readable description of host type	<i>Any</i>
host_types.interface	array		<i>Any</i>
host_types.interface.speed	string	speed in M or G	<i>Any</i>
host_types.interface.name	string	interface name	<i>Any</i>
host_types.ram			<i>Any</i>
host_types.ram.amount	integer	amount of ram in Gibibytes (GiB)	<i>Any</i>
host_types.name	string	lab-unique name	<i>Any</i>

Example (generated)

```
{
  "hosts": [
    {
      "interfaces": [
        {
          "mac": "00:11:22:33:44:55",
          "busaddr": "0000:02:00.1",
          "switchport": {
            "switch_name": "Cisco-9",
            "port_name": "Ethernet1/34",
            "invariant_config": [
              {
                "vlan_id": 100,
                "tagged": true
              }
            ],
            "current_config": [
              {
                "vlan_id": 100,
                "tagged": true
              }
            ]
          }
        }
      ]
    }
  ]
}
```

```

    ],
    "hostname": "hpe3.opnfv.iol.unh.edu",
    "host_type": "string"
  }
],
"networks": [
  {
    "cidr": "174.0.5.0/24",
    "gateway": "174.0.5.1",
    "vlan": 100
  }
],
"images": [
  {
    "name": "string",
    "description": "string",
    "lab_id": "string",
    "dashboard_id": "string"
  }
],
"host_types": [
  {
    "cpu": {
      "cores": 64,
      "arch": "x86_64",
      "cpus": 2
    },
    "disks": [
      {
        "size": "500G",
        "type": "SSD",
        "name": "sda"
      }
    ],
    "description": "string",
    "interface": [
      {
        "speed": "10G",
        "name": "eno3"
      }
    ],
    "ram": {
      "amount": 16
    },
    "name": "string"
  }
]
}

```

Responses

► 200 - success

Headers

No headers specified

GET /api/labs/{lab-name}/profile

lab profile

Path parameters

▸ lab-name

Name	Type	In	Description	Accepted values
lab-name (required)	string	path		Any

Responses

► 200 - lab profile

Headers

No headers specified

application/json

Name	Type	Description	Accepted values
name	string	proper expanded lab name	Any
contact			Any
contact.phone	string	phone number at which a lab can be reached	Any
contact.email	string	email at which a lab can be reached	Any
description	string		Any
host_count	array		Any
host_count.type	string		Any
host_count.count	integer		Any

POST /api/labs/{lab-name}/profile

updates lab profile

Path parameters

▷ lab-name

Name	Type	In	Description	Accepted values
lab-name (required)	string	path		Any

Request body

application/json

Name	Type	Description	Accepted values
name	string	proper expanded lab name	Any
contact			Any
contact.phone	string	phone number at which a lab can be reached	Any
contact.email	string	email at which a lab can be reached	Any
description	string		Any
host_count	array		Any
host_count.type	string		Any
host_count.count	integer		Any

Example (generated)

```
{
  "name": "string",
  "contact": {
    "phone": "string",
    "email": "string"
  },
  "description": "string",
  "host_count": [
    {
      "type": "string",
      "count": 0
    }
  ]
}
```

Responses

► 200 - success

Headers

No headers specified

Schemas

Host_Interface

Name	Type	Description	Accepted values
mac	string	mac address	Any
busaddr	string	bus address reported by ethtool -i <ifname>	Any
switchport			Any

Name	Type	Description	Accepted values
switchport.switch_name	string	name of switch owning this switchport	<i>Any</i>
switchport.port_name	string	name of port on switch	<i>Any</i>
switchport.invariant_config	array	list of vlans that may not be modified on this port	<i>Any</i>
switchport.invariant_config.vlan_id	integer	vlan id	<i>Any</i>
switchport.invariant_config.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
switchport.current_config	array	list of current vlan configuration	<i>Any</i>
switchport.current_config.vlan_id	integer	vlan id	<i>Any</i>
switchport.current_config.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>

Example (generated)

```
{
  "mac": "00:11:22:33:44:55",
  "busaddr": "0000:02:00.1",
  "switchport": {
    "switch_name": "Cisco-9",
    "port_name": "Ethernet1/34",
    "invariant_config": [
      {
        "vlan_id": 100,
        "tagged": true
      }
    ],
    "current_config": [
      {
        "vlan_id": 100,
        "tagged": true
      }
    ]
  }
}
```

Generic_Interface

Name	Type	Description	Accepted values
speed	string	speed in M or G	<i>Any</i>
name	string	interface name	<i>Any</i>

Example (generated)

```
{
  "speed": "10G",
  "name": "eno3"
}
```

Generic_Disk

Name	Type	Description	Accepted values
size	string	size in M, G, or T	<i>Any</i>
type	string	must be SSD or HDD	<i>Any</i>
name	string	name of root block device	<i>Any</i>

Example (generated)

```
{
  "size": "500G",
  "type": "SSD",
  "name": "sda"
}
```

CPU

Name	Type	Description	Accepted values
cores	integer	how many CPU cores the host has (across all physical cpus)	<i>Any</i>
arch	string	must be x86_64 or aarch64	<i>Any</i>
cpus	integer	Number of different physical CPU chips	<i>Any</i>

Example (generated)

```
{
  "cores": 64,
  "arch": "x86_64",
  "cpus": 2
}
```

Booking

Name	Type	Description	Accepted values
id	integer		Any
hosts	array	list of hosts	Any
hosts.hostname	string		Any
hosts.image			Any
hosts.image.name	string		Any
hosts.image.description	string		Any
hosts.image.lab_id	string	identifier provided by lab	Any
hosts.image.dashboard_id	string	identifier provided by dashboard	Any
hosts.deploy_image	boolean	whether to apply the given image to this host	Any
networking	array		Any
networking.name	string	name of the network	Any
networking.hosts	array	hosts	Any
networking.hosts.hostname	string		Any
networking.hosts.tagged	boolean		Any
networking.hosts.interface	integer		Any
networking.vlan_id	integer		Any
jumphost	string	jumphost of pod - must be in hosts list	Any

Example (generated)

```
{
  "id": 0,
  "hosts": [
    {
      "hostname": "host1",
      "image": {
        "name": "string",
        "description": "string",
        "lab_id": "string",
        "dashboard_id": "string"
      },
      "deploy_image": true
    }
  ],
  "networking": [
    {
      "name": "public",
      "hosts": [
        {
          "hostname": "string",
          "tagged": true,
          "interface": 0
        }
      ],
      "vlan_id": 0
    }
  ],
  "jumhost": "string"
}
```

Network

Name	Type	Description	Accepted values
name	string	name of the network	Any
hosts	array	hosts	Any
hosts.hostname	string		Any
hosts.tagged	boolean		Any
hosts.interface	integer		Any

Name	Type	Description	Accepted values
vlan_id	integer		Any

Example (generated)

```
{
  "name": "public",
  "hosts": [
    {
      "hostname": "string",
      "tagged": true,
      "interface": 0
    }
  ],
  "vlan_id": 0
}
```

Booking_Host

Name	Type	Description	Accepted values
hostname	string		Any
image			Any
image.name	string		Any
image.description	string		Any
image.lab_id	string	identifier provided by lab	Any
image.dashboard_id	string	identifier provided by dashboard	Any
deploy_image	boolean	whether to apply the given image to this host	Any

Example (generated)

```
{
  "hostname": "host1",
  "image": {
    "name": "string",
    "description": "string",
    "lab_id": "string",
    "dashboard_id": "string"
  },
  "deploy_image": true
}
```

Image

Name	Type	Description	Accepted values
name	string		Any
description	string		Any
lab_id	string	identifier provided by lab	Any
dashboard_id	string	identifier provided by dashboard	Any

Example (generated)

```
{
  "name": "string",
  "description": "string",
  "lab_id": "string",
  "dashboard_id": "string"
}
```

Network_Host

Name	Type	Description	Accepted values
hostname	string		Any
tagged	boolean		Any
interface	integer		Any

Example (generated)

```
{
  "hostname": "string",
  "tagged": true,
}
```

```
"interface": 0
}
```

Inventory_Host

Name	Type	Description	Accepted values
interfaces	array		<i>Any</i>
interfaces.mac	string	mac address	<i>Any</i>
interfaces.busaddr	string	bus address reported by ethtool -i <ifname>	<i>Any</i>
interfaces.switchport			<i>Any</i>
interfaces.switchport.switch_name	string	name of switch owning this switchport	<i>Any</i>
interfaces.switchport.port_name	string	name of port on switch	<i>Any</i>
interfaces.switchport.invariant_config	array	list of vlans that may not be modified on this port	<i>Any</i>
interfaces.switchport.invariant_config.vlan_id	integer	vlan id	<i>Any</i>
interfaces.switchport.invariant_config.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
interfaces.switchport.current_config	array	list of current vlan configuration	<i>Any</i>
interfaces.switchport.current_config.vlan_id	integer	vlan id	<i>Any</i>
interfaces.switchport.current_config.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
hostname	string	globally unique fqdn	<i>Any</i>
host_type	string	name of host type this host belongs to	<i>Any</i>

Example (generated)

```
{
  "interfaces": [
    {
      "mac": "00:11:22:33:44:55",
      "busaddr": "0000:02:00.1",
      "switchport": {
        "switch_name": "Cisco-9",
        "port_name": "Ethernet1/34",
        "invariant_config": [
          {
            "vlan_id": 100,
            "tagged": true
          }
        ],
        "current_config": [
          {
            "vlan_id": 100,
            "tagged": true
          }
        ]
      }
    }
  ],
  "hostname": "hpe3.opnfv.iol.unh.edu",
  "host_type": "string"
}
```

Inventory_Network

Name	Type	Description	Accepted values
cidr	string	subnet description	<i>Any</i>
gateway	string	ip of gateway	<i>Any</i>
vlan	integer	vlan tag of this network	<i>Any</i>

Example (generated)

```
{
  "cidr": "174.0.5.0/24",
  "gateway": "174.0.5.1",
  "vlan": 100
}
```

Inventory

Name	Type	Description	Accepted values
hosts	array	all hosts	<i>Any</i>

Name	Type	Description	Accepted values
hosts.interfaces	array		Any
hosts.interfaces.mac	string	mac address	Any
hosts.interfaces.busaddr	string	bus address reported by <code>ethtool -i <ifname></code>	Any
hosts.interfaces.switchport			Any
hosts.interfaces.switchport.switch_name	string	name of switch owning this switchport	Any
hosts.interfaces.switchport.port_name	string	name of port on switch	Any
hosts.interfaces.switchport.invariant_config	array	list of vlans that may not be modified on this port	Any
hosts.interfaces.switchport.invariant_config.vlan_id	integer	vlan id	Any
hosts.interfaces.switchport.invariant_config.tagged	boolean	whether this vlan is tagged or untagged	Any
hosts.interfaces.switchport.current_config	array	list of current vlan configuration	Any
hosts.interfaces.switchport.current_config.vlan_id	integer	vlan id	Any
hosts.interfaces.switchport.current_config.tagged	boolean	whether this vlan is tagged or untagged	Any
hosts.hostname	string	globally unique fqdn	Any
hosts.host_type	string	name of host type this host belongs to	Any
networks	array	all networks	Any
networks.cidr	string	subnet description	Any
networks.gateway	string	ip of gateway	Any
networks.vlan	integer	vlan tag of this network	Any
images	array	available images	Any
images.name	string		Any
images.description	string		Any
images.lab_id	string	identifier provided by lab	Any
images.dashboard_id	string	identifier provided by dashboard	Any
host_types	array	all host types hosted by a lab	Any
host_types.cpu			Any
host_types.cpu.cores	integer	how many CPU cores the host has (across all physical cpus)	Any
host_types.cpu.arch	string	must be x86_64 or aarch64	Any
host_types.cpu.cpus	integer	Number of different physical CPU chips	Any
host_types.disks	array		Any
host_types.disks.size	string	size in M, G, or T	Any
host_types.disks.type	string	must be SSD or HDD	Any
host_types.disks.name	string	name of root block device	Any
host_types.description	string	human readable description of host type	Any
host_types.interface	array		Any
host_types.interface.speed	string	speed in M or G	Any
host_types.interface.name	string	interface name	Any
host_types.ram			Any
host_types.ram.amount	integer	amount of ram in Gibibytes (GiB)	Any
host_types.name	string	lab-unique name	Any

Example (generated)

```
{
  "hosts": [
    {
      "interfaces": [
        {
          "mac": "00:11:22:33:44:55",
          "busaddr": "0000:02:00.1",
          "switchport": {
            "switch_name": "Cisco-9",
            "port_name": "Ethernet1/34",
            "invariant_config": [
              {
                "vlan_id": 100,
                "tagged": true
              }
            ],
            "current_config": [
              {
                "vlan_id": 100,
                "tagged": true
              }
            ]
          }
        }
      ]
    }
  ]
}
```

```

    ]
  }
}
],
"hostname": "hpe3.opnfv.iol.unh.edu",
"host_type": "string"
}
],
"networks": [
  {
    "cidr": "174.0.5.0/24",
    "gateway": "174.0.5.1",
    "vlan": 100
  }
],
"images": [
  {
    "name": "string",
    "description": "string",
    "lab_id": "string",
    "dashboard_id": "string"
  }
],
"host_types": [
  {
    "cpu": {
      "cores": 64,
      "arch": "x86_64",
      "cpus": 2
    },
    "disks": [
      {
        "size": "500G",
        "type": "SSD",
        "name": "sda"
      }
    ],
    "description": "string",
    "interface": [
      {
        "speed": "10G",
        "name": "eno3"
      }
    ],
    "ram": {
      "amount": 16
    },
    "name": "string"
  }
]
}
}

```

Host_Type

Name	Type	Description	Accepted values
cpu			<i>Any</i>
cpu.cores	integer	how many CPU cores the host has (across all physical cpus)	<i>Any</i>
cpu.arch	string	must be x86_64 or aarch64	<i>Any</i>
cpu.cpus	integer	Number of different physical CPU chips	<i>Any</i>
disks	array		<i>Any</i>
disks.size	string	size in M, G, or T	<i>Any</i>
disks.type	string	must be SSD or HDD	<i>Any</i>
disks.name	string	name of root block device	<i>Any</i>
description	string	human readable description of host type	<i>Any</i>
interface	array		<i>Any</i>
interface.speed	string	speed in M or G	<i>Any</i>
interface.name	string	interface name	<i>Any</i>
ram			<i>Any</i>
ram.amount	integer	amount of ram in Gibibytes (GiB)	<i>Any</i>

Name	Type	Description	Accepted values
name	string	lab-unique name	Any

Example (generated)

```
{
  "cpu": {
    "cores": 64,
    "arch": "x86_64",
    "cpus": 2
  },
  "disks": [
    {
      "size": "500G",
      "type": "SSD",
      "name": "sda"
    }
  ],
  "description": "string",
  "interface": [
    {
      "speed": "10G",
      "name": "eno3"
    }
  ],
  "ram": {
    "amount": 16
  },
  "name": "string"
}
```

Ram

Name	Type	Description	Accepted values
amount	integer	amount of ram in Gibibytes (GiB)	Any

Example (generated)

```
{
  "amount": 16
}
```

Switchport

Name	Type	Description	Accepted values
switch_name	string	name of switch owning this switchport	Any
port_name	string	name of port on switch	Any
invariant_config	array	list of vlans that may not be modified on this port	Any
invariant_config.vlan_id	integer	vlan id	Any
invariant_config.tagged	boolean	whether this vlan is tagged or untagged	Any
current_config	array	list of current vlan configuration	Any
current_config.vlan_id	integer	vlan id	Any
current_config.tagged	boolean	whether this vlan is tagged or untagged	Any

Example (generated)

```
{
  "switch_name": "Cisco-9",
  "port_name": "Ethernet1/34",
  "invariant_config": [
    {
      "vlan_id": 100,
      "tagged": true
    }
  ],
  "current_config": [
    {
      "vlan_id": 100,
      "tagged": true
    }
  ]
}
```



```
]
}
```

Vlan

Name	Type	Description	Accepted values
vlan_id	integer	vlan id	<i>Any</i>
tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>

Example (generated)

```
{
  "vlan_id": 100,
  "tagged": true
}
```

Job

Name	Type	Description	Accepted values
id	integer	globally unique job identifier	<i>Any</i>
payload			<i>Any</i>
payload.hardware			<i>Any</i>
payload.hardware.taskId			<i>Any</i>
payload.hardware.taskId.id	string	ID of host	<i>Any</i>
payload.hardware.taskId.image			<i>Any</i>
payload.hardware.taskId.image.name	string		<i>Any</i>
payload.hardware.taskId.image.description	string		<i>Any</i>
payload.hardware.taskId.image.lab_id	string	identifier provided by lab	<i>Any</i>
payload.hardware.taskId.image.dashboard_id	string	identifier provided by dashboard	<i>Any</i>
payload.hardware.taskId.power	string	desired power state, either on or off	<i>Any</i>
payload.hardware.taskId.hostname	string	user-defined hostname	<i>Any</i>
payload.hardware.taskId.ipmi_create	boolean	whether or not to create an ipmi account	<i>Any</i>
payload.hardware.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
payload.software			<i>Any</i>
payload.software.taskId			<i>Any</i>
payload.software.taskId.opnfv			<i>Any</i>
payload.software.taskId.opnfv.installer	string	Installer user wants	<i>Any</i>
payload.software.taskId.opnfv.scenario	string	scenario of OPNFV to deploy	<i>Any</i>
payload.software.taskId.opnfv.roles	array	role th host will play in OPNFV	<i>Any</i>
payload.software.taskId.opnfv.roles.hostId	string	role for this host in the OPNFV deployment	<i>Any</i>
payload.software.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
payload.network			<i>Any</i>
payload.network.taskId			<i>Any</i>
payload.network.taskId.hostId			<i>Any</i>
payload.network.taskId.hostId.interface_name	array	list of vlans on this interface	<i>Any</i>
payload.network.taskId.hostId.interface_name.vlan_id	integer	vlan id	<i>Any</i>
payload.network.taskId.hostId.interface_name.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
payload.network.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
payload.access			<i>Any</i>
payload.access.taskId			<i>Any</i>
payload.access.taskId.revoke	boolean	whether to revoke key during completion of job	<i>Any</i>
payload.access.taskId.user	string	PK/ID of user access is being given to	<i>Any</i>
payload.access.taskId.keytype	string	type of access key to be generated. Options include "vpn"	<i>Any</i>
payload.access.taskId.hosts	array(string)	hosts to grant access to if applicable	<i>Any</i>
payload.access.taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>
payload.snapshot			<i>Any</i>
payload.snapshot.taskId			<i>Any</i>
payload.snapshot.taskId.host	string	how the lab identifies the host	<i>Any</i>
payload.snapshot.taskId.image	string	lab id of existing image, if updating an existing image. if this key does not exist, the lab must create a new image	<i>Any</i>
payload.snapshot.taskId.dashboard_id	string	how the dashboard identifies this image / snapshot	<i>Any</i>

Example (generated)

```

{
  "id": 0,
  "payload": {
    "hardware": {
      "taskId": {
        "id": "string",
        "image": {
          "name": "string",
          "description": "string",
          "lab_id": "string",
          "dashboard_id": "string"
        },
        "power": "string",
        "hostname": "string",
        "ipmi_create": true,
        "lab_token": "string"
      }
    },
    "software": {
      "taskId": {
        "opnfv": {
          "installer": "string",
          "scenario": "string",
          "roles": [
            {
              "hostId": "compute"
            }
          ]
        },
        "lab_token": "string"
      }
    },
    "network": {
      "taskId": {
        "hostId": {
          "interface_name": [
            {
              "vlan_id": 100,
              "tagged": true
            }
          ]
        },
        "lab_token": "string"
      }
    },
    "access": {
      "taskId": {
        "revoke": true,
        "user": "string",
        "keytype": "string",
        "hosts": [
          "string"
        ],
        "lab_token": "string"
      }
    },
    "snapshot": {
      "taskId": {
        "host": "hpe3",
        "image": "4",
        "dashboard_id": "string"
      }
    }
  }
}

```

JobPayload

Name	Type	Description	Accepted values
hardware			Any
hardware.taskId			Any

Name	Type	Description	Accepted values
hardware.taskId.id	string	ID of host	Any
hardware.taskId.image			Any
hardware.taskId.image.name	string		Any
hardware.taskId.image.description	string		Any
hardware.taskId.image.lab_id	string	identifier provided by lab	Any
hardware.taskId.image.dashboard_id	string	identifier provided by dashboard	Any
hardware.taskId.power	string	desired power state, either on or off	Any
hardware.taskId.hostname	string	user-defined hostname	Any
hardware.taskId.ipmi_create	boolean	whether or not to create an ipmi account	Any
hardware.taskId.lab_token	string	identifier provided by lab to this task	Any
software			Any
software.taskId			Any
software.taskId.opnfv			Any
software.taskId.opnfv.installer	string	Installer user wants	Any
software.taskId.opnfv.scenario	string	scenario of OPNFV to deploy	Any
software.taskId.opnfv.roles	array	role th host will play in OPNFV	Any
software.taskId.opnfv.roles.hostId	string	role for this host in the OPNFV deployment	Any
software.taskId.lab_token	string	identifier provided by lab to this task	Any
network			Any
network.taskId			Any
network.taskId.hostId			Any
network.taskId.hostId.interface_name	array	list of vlans on this interface	Any
network.taskId.hostId.interface_name.vlan_id	integer	vlan id	Any
network.taskId.hostId.interface_name.tagged	boolean	whether this vlan is tagged or untagged	Any
network.taskId.lab_token	string	identifier provided by lab to this task	Any
access			Any
access.taskId			Any
access.taskId.revoke	boolean	whether to revoke key during completion of job	Any
access.taskId.user	string	PK/ID of user access is being given to	Any
access.taskId.keytype	string	type of access key to be generated. Options include "vpn"	Any
access.taskId.hosts	array(string)	hosts to grant access to if applicable	Any
access.taskId.lab_token	string	identifier provided by lab to this task	Any
snapshot			Any
snapshot.taskId			Any
snapshot.taskId.host	string	how the lab identifies the host	Any
snapshot.taskId.image	string	lab id of existing image, if updating an existing image. if this key does not exist, the lab must create a new image	Any
snapshot.taskId.dashboard_id	string	how the dashboard identifies this image / snapshot	Any

Example (generated)

```
{
  "hardware": {
    "taskId": {
      "id": "string",
      "image": {
        "name": "string",
        "description": "string",
        "lab_id": "string",
        "dashboard_id": "string"
      },
      "power": "string",
      "hostname": "string",
      "ipmi_create": true,
      "lab_token": "string"
    }
  },
  "software": {
    "taskId": {
      "opnfv": {
        "installer": "string",
        "scenario": "string",
        "roles": [
          {

```

```

        "hostId": "compute"
      }
    ]
  },
  "lab_token": "string"
}
},
"network": {
  "taskId": {
    "hostId": {
      "interface_name": [
        {
          "vlan_id": 100,
          "tagged": true
        }
      ]
    }
  },
  "lab_token": "string"
}
},
"access": {
  "taskId": {
    "revoke": true,
    "user": "string",
    "keytype": "string",
    "hosts": [
      "string"
    ],
    "lab_token": "string"
  }
},
"snapshot": {
  "taskId": {
    "host": "hpe3",
    "image": "4",
    "dashboard_id": "string"
  }
}
}
}
}

```

HardwareTask

Name	Type	Description	Accepted values
taskId			<i>Any</i>
taskId.id	string	ID of host	<i>Any</i>
taskId.image			<i>Any</i>
taskId.image.name	string		<i>Any</i>
taskId.image.description	string		<i>Any</i>
taskId.image.lab_id	string	identifier provided by lab	<i>Any</i>
taskId.image.dashboard_id	string	identifier provided by dashboard	<i>Any</i>
taskId.power	string	desired power state, either on or off	<i>Any</i>
taskId.hostname	string	user-defined hostname	<i>Any</i>
taskId.ipmi_create	boolean	whether or not to create an ipmi account	<i>Any</i>
taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>

Example (generated)

```

{
  "taskId": {
    "id": "string",
    "image": {
      "name": "string",
      "description": "string",
      "lab_id": "string",
      "dashboard_id": "string"
    },
    "power": "string",
    "hostname": "string",
    "ipmi_create": true,
    "lab_token": "string"
  }
}

```

```
}
}
```

SoftwareTask

Name	Type	Description	Accepted values
taskId			<i>Any</i>
taskId.opnfv			<i>Any</i>
taskId.opnfv.installer	string	Installer user wants	<i>Any</i>
taskId.opnfv.scenario	string	scenario of OPNFV to deploy	<i>Any</i>
taskId.opnfv.roles	array	role th host will play in OPNFV	<i>Any</i>
taskId.opnfv.roles.hostId	string	role for this host in the OPNFV deployment	<i>Any</i>
taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>

Example (generated)

```
{
  "taskId": {
    "opnfv": {
      "installer": "string",
      "scenario": "string",
      "roles": [
        {
          "hostId": "compute"
        }
      ]
    },
    "lab_token": "string"
  }
}
```

NetworkTask

Name	Type	Description	Accepted values
taskId			<i>Any</i>
taskId.hostId			<i>Any</i>
taskId.hostId.interface_name	array	list of vlans on this interface	<i>Any</i>
taskId.hostId.interface_name.vlan_id	integer	vlan id	<i>Any</i>
taskId.hostId.interface_name.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>

Example (generated)

```
{
  "taskId": {
    "hostId": {
      "interface_name": [
        {
          "vlan_id": 100,
          "tagged": true
        }
      ]
    },
    "lab_token": "string"
  }
}
```

AccessTask

Name	Type	Description	Accepted values
taskId			<i>Any</i>
taskId.revoke	boolean	whether to revoke key during completion of job	<i>Any</i>
taskId.user	string	PK/ID of user access is being given to	<i>Any</i>
taskId.keytype	string	type of access key to be generated. Options include "vpn"	<i>Any</i>
taskId.hosts	array(string)	hosts to grant access to if applicable	<i>Any</i>
taskId.lab_token	string	identifier provided by lab to this task	<i>Any</i>

Example (generated)

```
{
  "taskId": {
    "revoke": true,
    "user": "string",
    "keytype": "string",
    "hosts": [
      "string"
    ],
    "lab_token": "string"
  }
}
```

SnapshotTask

Name	Type	Description	Accepted values
taskId			<i>Any</i>
taskId.host	string	how the lab identifies the host	<i>Any</i>
taskId.image	string	lab id of existing image, if updating an existing image. if this key does not exist, the lab must create a new image	<i>Any</i>
taskId.dashboard_id	string	how the dashboard identifies this image / snapshot	<i>Any</i>

Example (generated)

```
{
  "taskId": {
    "host": "hpe3",
    "image": "4",
    "dashboard_id": "string"
  }
}
```

SnapshotPayload

Name	Type	Description	Accepted values
host	string	how the lab identifies the host	<i>Any</i>
image	string	lab id of existing image, if updating an existing image. if this key does not exist, the lab must create a new image	<i>Any</i>
dashboard_id	string	how the dashboard identifies this image / snapshot	<i>Any</i>

Example (generated)

```
{
  "host": "hpe3",
  "image": "4",
  "dashboard_id": "string"
}
```

AccessPayload

Name	Type	Description	Accepted values
revoke	boolean	whether to revoke key during completion of job	<i>Any</i>
user	string	PK/ID of user access is being given to	<i>Any</i>
keytype	string	type of access key to be generated. Options include "vpn"	<i>Any</i>
hosts	array(string)	hosts to grant access to if applicable	<i>Any</i>
lab_token	string	identifier provided by lab to this task	<i>Any</i>

Example (generated)

```
{
  "revoke": true,
  "user": "string",
  "keytype": "string",
  "hosts": [
    "string"
  ],
  "lab_token": "string"
}
```

HardwareConfig

Name	Type	Description	Accepted values
id	string	ID of host	<i>Any</i>
image			<i>Any</i>
image.name	string		<i>Any</i>
image.description	string		<i>Any</i>
image.lab_id	string	identifier provided by lab	<i>Any</i>
image.dashboard_id	string	identifier provided by dashboard	<i>Any</i>
power	string	desired power state, either on or off	<i>Any</i>
hostname	string	user-defined hostname	<i>Any</i>
ipmi_create	boolean	whether or not to create an ipmi account	<i>Any</i>
lab_token	string	identifier provided by lab to this task	<i>Any</i>

Example (generated)

```
{
  "id": "string",
  "image": {
    "name": "string",
    "description": "string",
    "lab_id": "string",
    "dashboard_id": "string"
  },
  "power": "string",
  "hostname": "string",
  "ipmi_create": true,
  "lab_token": "string"
}
```

SoftwarePayload

Name	Type	Description	Accepted values
opnfv			<i>Any</i>
opnfv.installer	string	Installer user wants	<i>Any</i>
opnfv.scenario	string	scenario of OPNFV to deploy	<i>Any</i>
opnfv.roles	array	role th host will play in OPNFV	<i>Any</i>
opnfv.roles.hostId	string	role for this host in the OPNFV deployment	<i>Any</i>
lab_token	string	identifier provided by lab to this task	<i>Any</i>

Example (generated)

```
{
  "opnfv": {
    "installer": "string",
    "scenario": "string",
    "roles": [
      {
        "hostId": "compute"
      }
    ]
  },
  "lab_token": "string"
}
```

OpnfvHost

Name	Type	Description	Accepted values
hostId	string	role for this host in the OPNFV deployment	<i>Any</i>

Example (generated)

```
{
  "hostId": "compute"
}
```

OpnfvConfiguration

Name	Type	Description	Accepted values
installer	string	Installer user wants	<i>Any</i>
scenario	string	scenario of OPNFV to deploy	<i>Any</i>

Name	Type	Description	Accepted values
roles	array	role th host will play in OPNFV	<i>Any</i>
roles.hostId	string	role for this host in the OPNFV deployment	<i>Any</i>

Example (generated)

```
{
  "installer": "string",
  "scenario": "string",
  "roles": [
    {
      "hostId": "compute"
    }
  ]
}
```

NetworkPayload

Name	Type	Description	Accepted values
hostId			<i>Any</i>
hostId.interface_name	array	list of vlans on this interface	<i>Any</i>
hostId.interface_name.vlan_id	integer	vlan id	<i>Any</i>
hostId.interface_name.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>
lab_token	string	identifier provided by lab to this task	<i>Any</i>

Example (generated)

```
{
  "hostId": {
    "interface_name": [
      {
        "vlan_id": 100,
        "tagged": true
      }
    ]
  },
  "lab_token": "string"
}
```

NetworkConfig

Name	Type	Description	Accepted values
interface_name	array	list of vlans on this interface	<i>Any</i>
interface_name.vlan_id	integer	vlan id	<i>Any</i>
interface_name.tagged	boolean	whether this vlan is tagged or untagged	<i>Any</i>

Example (generated)

```
{
  "interface_name": [
    {
      "vlan_id": 100,
      "tagged": true
    }
  ]
}
```

JobUpdate

Name	Type	Description	Accepted values
status	integer	status type, see status enum	<i>Any</i>
message	string	message from lab for user	<i>Any</i>
lab_token	string	identifier provided by lab to this task	<i>Any</i>

Example (generated)

```
{
  "status": 0,
  "message": "string",
  "lab_token": "string"
}
```


}

Profile

Name	Type	Description	Accepted values
name	string	proper expanded lab name	<i>Any</i>
contact			<i>Any</i>
contact.phone	string	phone number at which a lab can be reached	<i>Any</i>
contact.email	string	email at which a lab can be reached	<i>Any</i>
description	string		<i>Any</i>
host_count	array		<i>Any</i>
host_count.type	string		<i>Any</i>
host_count.count	integer		<i>Any</i>

Example (generated)

```
{
  "name": "string",
  "contact": {
    "phone": "string",
    "email": "string"
  },
  "description": "string",
  "host_count": [
    {
      "type": "string",
      "count": 0
    }
  ]
}
```

Host_Number

Name	Type	Description	Accepted values
type	string		<i>Any</i>
count	integer		<i>Any</i>

Example (generated)

```
{
  "type": "string",
  "count": 0
}
```

Contact

Name	Type	Description	Accepted values
phone	string	phone number at which a lab can be reached	<i>Any</i>
email	string	email at which a lab can be reached	<i>Any</i>

Example (generated)

```
{
  "phone": "string",
  "email": "string"
}
```