

Zero-touch provisioning of access switch

First, make sure distribution switches are added as devices. If they are not, add them. Can be done using the API:

```
curl https://localhost/api/v1.0/device -X POST -H "Content-Type: application/json" -d '{"hostname": "dist0", "management_ip": "192.168.0.10", "platform": "junos", "state": "UNKNOWN", "device_type": "DIST"}'
```

Once the distribution switches are added, we can create a management domain and assign the distribution switches to it. Of course the IPv4 range, device IDs and VLAN should be replaced with whatever values you want.

```
curl https://localhost/api/v1.0/mgmtdomain -X POST -H "Content-Type: application/json" -d '{"ipv4_gw": "192.168.0.0/24", "device_a": 9, "device_b": 12, "vlan": 100}'
```

Then we can power on the access switch, wait for it to boot using DHCP. List new devices that has booted using CNaas startup config:

```
curl https://localhost/api/v1.0/device?filter=state,DISCOVERED
```

If the device serial/MAC matches with a device you want to provision, call the API to initialize the device with a specified hostname and device type:

```
curl https://localhost/api/v1.0/device_init/20 -X POST -H "Content-Type: application/json" -d '{"hostname": "ex2300-top", "device_type": "ACCESS"}'
```

Check job status to see progress, there should be two jobs running after each other, step1 and step2.

```
curl https://localhost/api/v1.0/job?limit=2
```