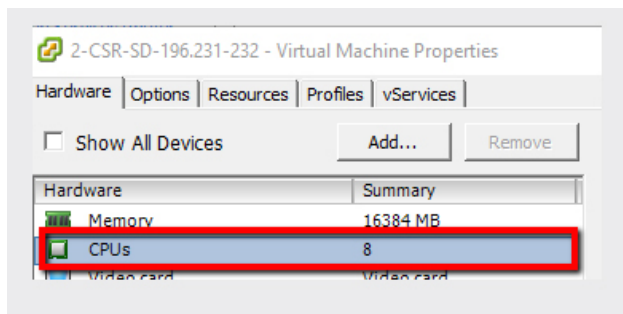




Allocate VM CPUs for Cisco Catalyst 8000V Edge Software

Use this procedure to allocate CPU resources when setting up a Cisco Catalyst 8000V as a host for the SD-AVC network service.

1. On the VMware ESXi hypervisor client that is hosting the device, edit the device that is hosting the SD-AVC network service. Allocate 8 CPUs to the virtual machine. (For small-scale scenarios, fewer CPUs may be necessary. See [System Requirements: SD-AVC Network Service Host](#).)



2. On the device, execute the following:

```
(config)#platform resource service-plane-heavy  
Please reboot to activate this template
```

3. Copy the running configuration to the starting configuration.

```
copy running-config startup-config
```

4. Reload the device.

```
reload
```

5. Use **show platform software cpu alloc** to check the number of CPU cores allocated.

Check the command output for the **Control plane cpu alloc** line. The output indicates 4 CPUs (numbered 0 to 3).

```
(config)#show platform software cpu alloc  
CPU alloc information:  
Control plane cpu alloc: 0-3  
Data plane cpu alloc: 4-7  
Service plane cpu alloc: 0-3  
Template used: CLI-service_plane_heavy
```



Note If the VM has only 4 cores allocated, the **Control plane cpu alloc** line in the command output shows only a single CPU (numbered 0).

```
CPU alloc information:  
Control plane cpu alloc: 0  
Data plane cpu alloc: 1-3  
Service plane cpu alloc: 0  
Template used: CLI-control_plane_heavy
```
