

# Editing Profile Resources

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## Introduction

This article is really only applicable in PoD per Service deployments

IPHE encoding profiles (except the one just called 'encoding') have a CPU limit that is defined in the yaml code. Each encoding profile type has a different value. However this value may not be very optimised for all servers, depending on the CPU / RAM configuration a server has.

For this reason we will probably want to change the default values for a particular server to optimise the number of vCPUs that are allocated to an encoding PoD.

## Download an existing encoding profile

Open the MDT application (<https://ipaddress:30443>) and login using mdt-admin / changeme.

Profiles

# Cluster

IP/FQDN address	Role	Profiles
10.43.30.101	kube-master	tools, management-mux, monitoring

Now look for an appropriate encoding profile to download (I normally take encoding-hd) and select the 'export profile' button.

Cluster # Profiles

Import profile

Profile	Version	Status	Nodes	PODs	Actions
encoding-hd		New	0/0	0/0	deploy <div>download export profile</div>
encoding-hd3264		New	0/0	0/0	deploy <div></div>
encoding-hd8vnc		New	0/0	0/0	deploy <div></div>

The encoding profile (a .yaml file) will now download.

## Editing the encoding profile

Open the .yaml file (preferably in an editor that properly supports .yaml file formats (not notepad)) and save it to a new filename.

The part of the encoding profile that we are interested in starts with resources: If the file you downloaded does not have this section, download a difference default encoding profile (encoding-hd for example).

resources:

```
requests:
  cpu: 9
```

Below is the updated code block where we not only specify the vCPU request, we can also specify a limit that the PoD can go up to in terms of vCPU and memory.

```
resources:
  requests:
    cpu: 7
    memory: 4Gi
  limits:
    cpu: 15
    memory: 10Gi
```

You will have to edit the file and upload it with a new set of name(s). Please [\\*\\*\\* here \\*\\*\\*](#) for more instructions regarding this.

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