**Agenda**

* Try to Create a Docker Image and push it to the docker hub
  + nocommerce (<https://docs.nopcommerce.com/en/installation-and-upgrading/installing-nopcommerce/installing-on-linux.html>)
* NopCommerce works with mysql
* NopCommerce Dockerfile

FROM mcr.microsoft.com/dotnet/aspnet:3.1

EXPOSE 80

ENV ASPNETCORE\_ENVIRONMENT="Production"

ENV DOTNET\_PRINT\_TELEMETRY\_MESSAGE=false

ADD ./nop/ /nop

WORKDIR /nop

exec ["dotnet", "Nop.Web.dll"]

* Create a k8s pod with
  + nopcommerce
  + mysql
* Below YAML for the change set containing pod spec for nop commerce
* run this pod spec in your Kubernetes cluster and try to define the resources and limits
* Try to create resources and limits for the burstable QoS
  + our observation was cpu utilization for 2 VCPU was 0.35 % and memory was 350 MB

