* Course Overview
  + Spinning up multiple containers on a single machine is easy
  + In production environment it may need to span multiple nodes so there is enough capacity
* The Magic of Docker Should W..
  + Some point containers will require more resources than a single machine can handle
  + Spin up containers that can talk to each other across multiple nodes(machines)
  + Swarm mode built into docker engine 1.12 and above
* What Are Some of the Concern..
  + Containers are just process that are running software
    - New way of running software
  + Will run out of resources from a single machine eventually
  + In production environment you will want to have containers over multiple machines
    - Fault tolerance: can lose one machine
  + Dont want to manage each machine individually
  + Docker swarm manage the machines for you
  + Containers will run on top of nodes(machines)
  + Docker swarm will also manage where to place containers based on resource requirements
* What You Should Already Know
  + Getting started with docker on windows
  + Containers and Images: The Big Picture
  + Will need multiple machines(VMs)
* What if a Single Container Isn’t …