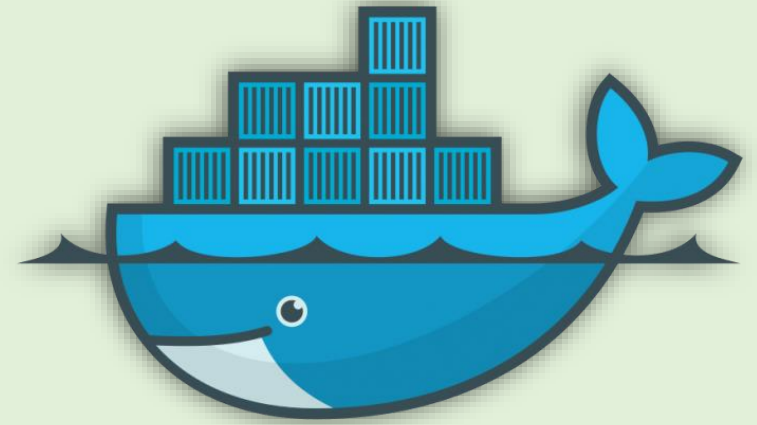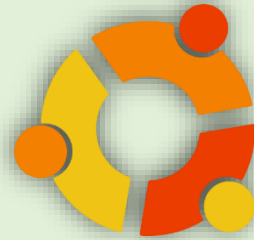# Install – Docker

AGENDA

› Ubuntu Installation

› Windows Installation

› Resources

Install – Docker

› Ubuntu 20.04 LTS Installation

› **Prepare**
  › sudo apt-get remove docker docker-engine docker.io containerd runc
  › sudo apt-get update
  › sudo apt-get install apt-transport-https ca-certificates curl gnupg-agent software-properties-common
› **Setup Repository [recommended]**
  › curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -
  › sudo apt-key fingerprint 0EBFCD88
  › sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable"
› **Install Docker Engine**
  › sudo apt-get update
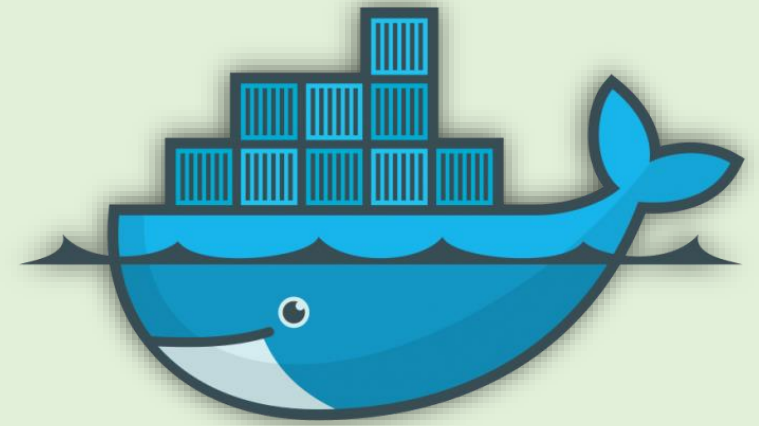 › sudo apt-get install docker-ce docker-ce-cli containerd.io
› **Add docker to give non-root user access**
  › sudo groupadd docker
  › sudo usermod -aG docker $USER
  › Logout session or use command: su -s ${USER}
  › docker run -d -p 80:80 docker/getting-started
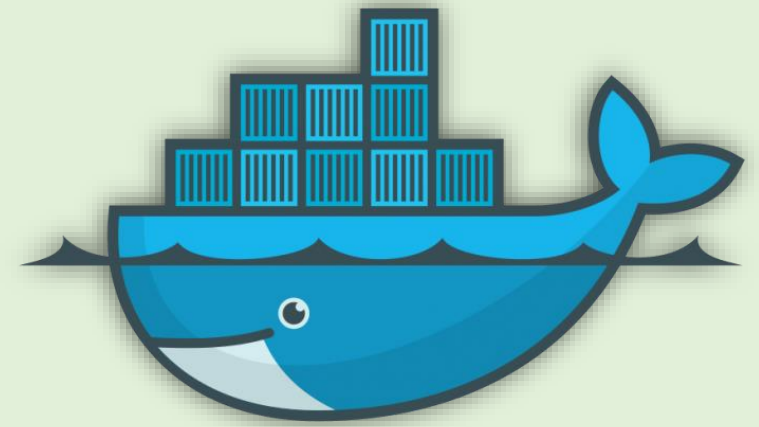
Install – Docker

› Windows 10 64-bit Installation

› **Supported Windows 10 64-bit Editions:**
  › Pro, Enterprise, or Education (Build 16299 or later), can also be installed in Home Edition
› **Hyper-V and Containers Windows features must be enabled.**
› **Hardware prerequisites** are required to successfully run Client Hyper-V on Windows 10:
  › 64 bit processor with Second Level Address Translation (SLAT)
  › 4GB system RAM
  › BIOS-level hardware virtualization support must be enabled in the BIOS settings.
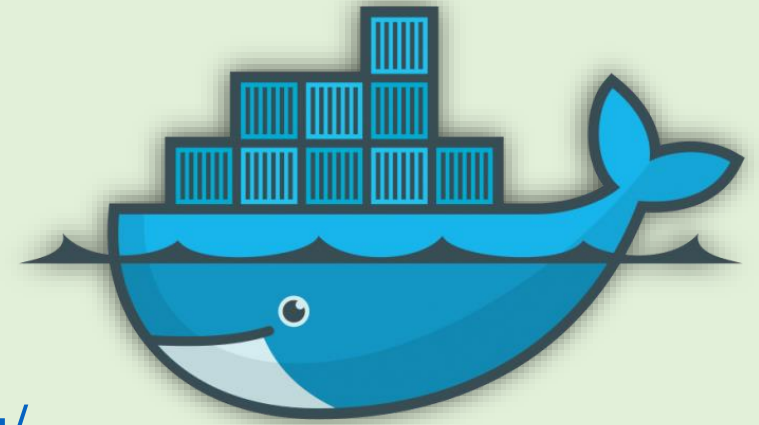› **Download and execute setup:** https://hub.docker.com/editions/community/docker-ce-desktop-windows/

Windows 10

Install – Docker

› Resources

› Docker CE download:
https://hub.docker.com/editions/community/docker-ce-desktop-windows/

› Installation Instructions:
  › Ubuntu: https://docs.docker.com/engine/install/ubuntu/
  › Windows: https://docs.docker.com/docker-for-windows/install/

Install – Docker

› Coming soon

Docker 101
Tutorial
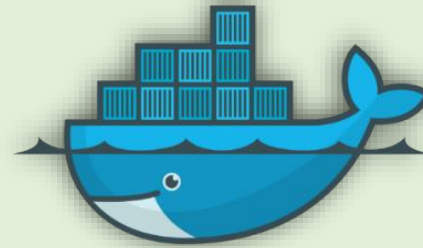
Docker Compose
Quick start
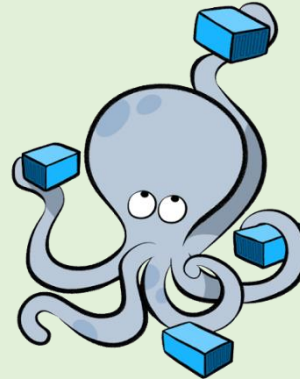
Docker Swarm
Quick start

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