

Day 1 了解容器的基础知识



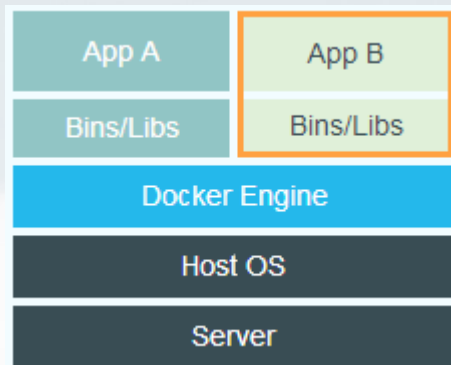
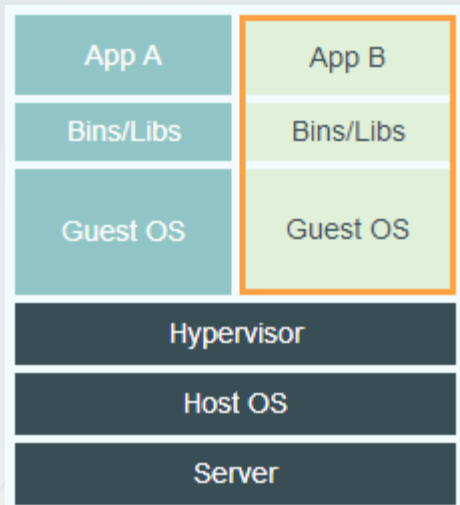
容器基础知识介绍

- Docker基本概念和简单原理介绍
- Docker的安装
- 镜像的上传下载

什么是容器？

- 轻量级的操作系统虚拟化解决方案，能够在Linux系统上迅速创建一个容器(类似于虚拟机)并在容器上部署和运行应用程序，同时还可以通过配置文件轻松将应用程序的自动化安装、部署和升级。
- 基于Linux容器（LXC）技术，利用namespace的隔离机制隔离资源和cgroup的限额功能进行资源管理

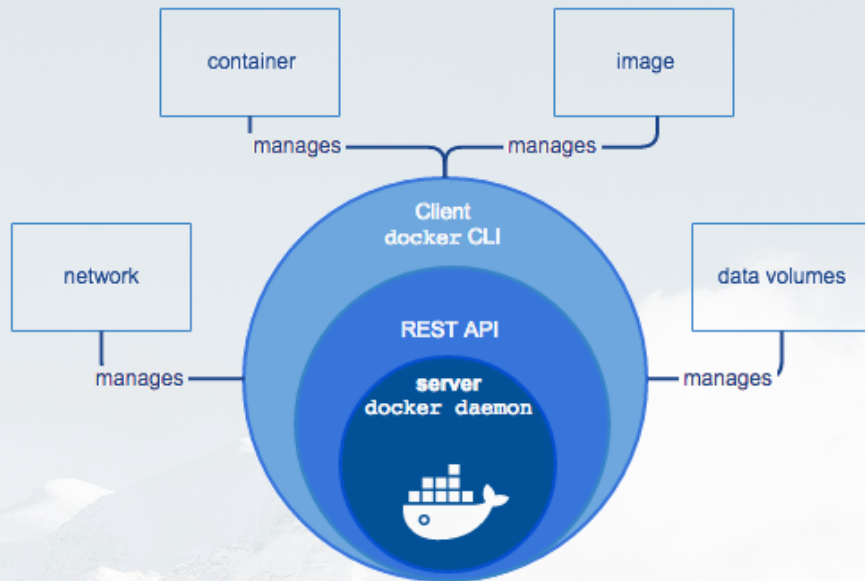
容器VS虚拟机



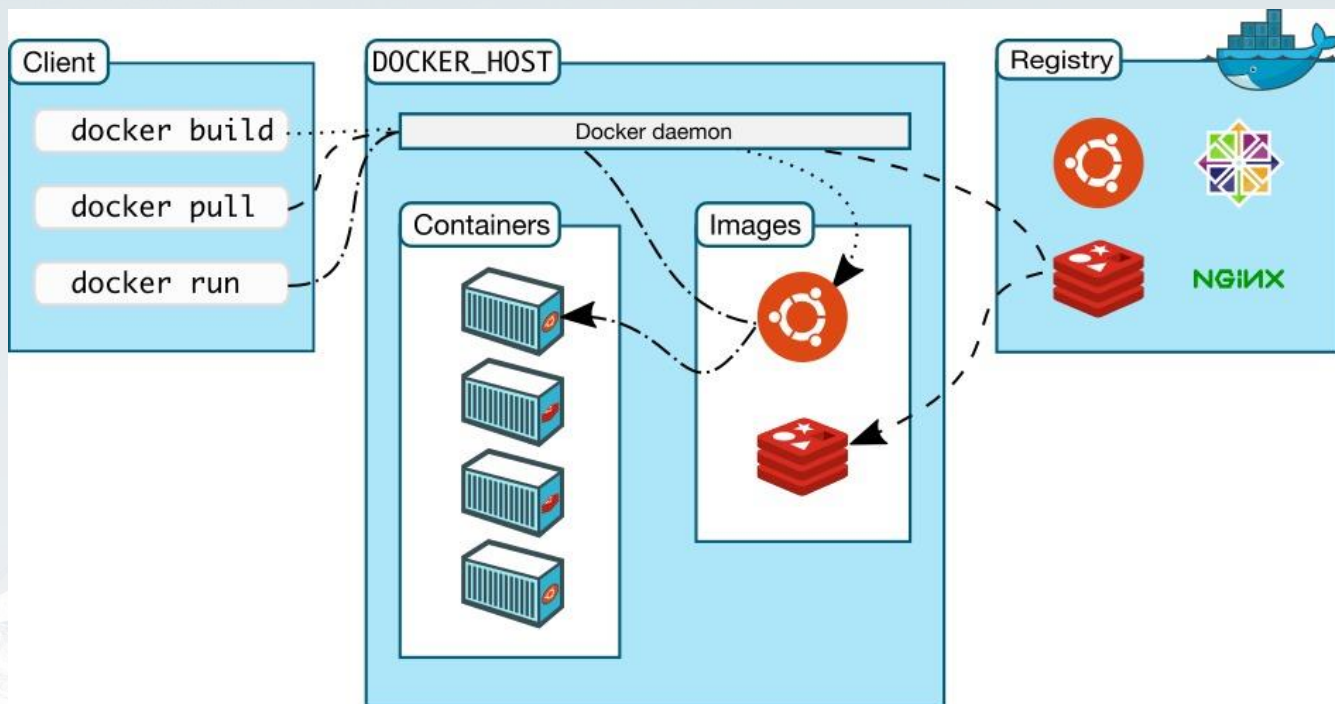
与虚拟机相比容器的优点

- 更快速的交付和部署
- 高效的部署和扩容
- 更高的资源利用率
- 更简单的管理

Docker的组件



Docker常见架构



Thank you.

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每个组织，构建万物互联的智能世界。

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