RSA Conference 2015

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SESSION ID: ASD-W04

Containers vs VMs for Secure Cloud Applications





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This is an "Intermediate" Level Panel

- You know enough to be dangerous about
 - Docker/LXC, Windows, Linux, Virtualization
 - Private and Public Cloud Architectures
- Our goals
- Highlight security considerations / challenges for app delivery in VMs and containers on Public & Private Clouds
- 2. Offer architectural guidelines to maximize containerized app security
- Spotlight security roadmap for Docker, Azure, Micro-Services & Micro-virtualization

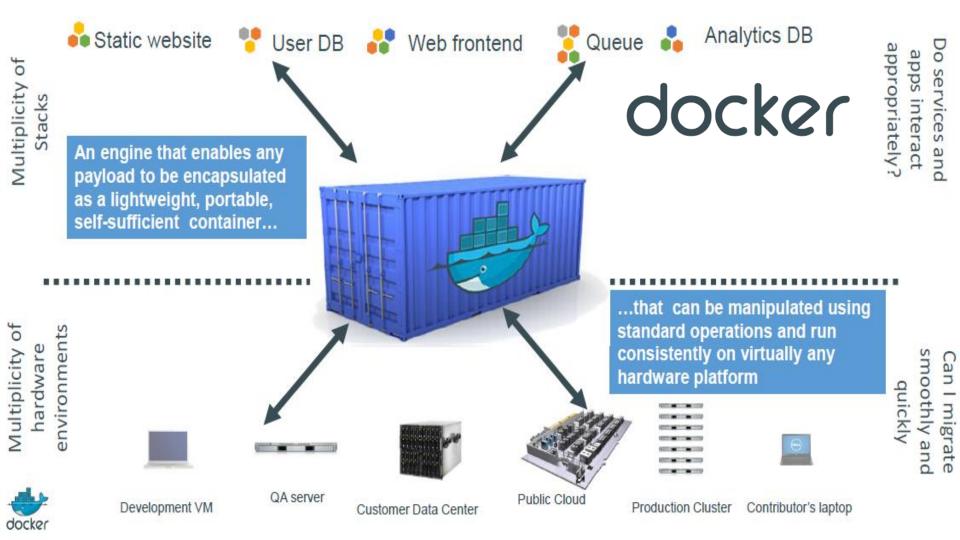


VIVS

VS

Containers



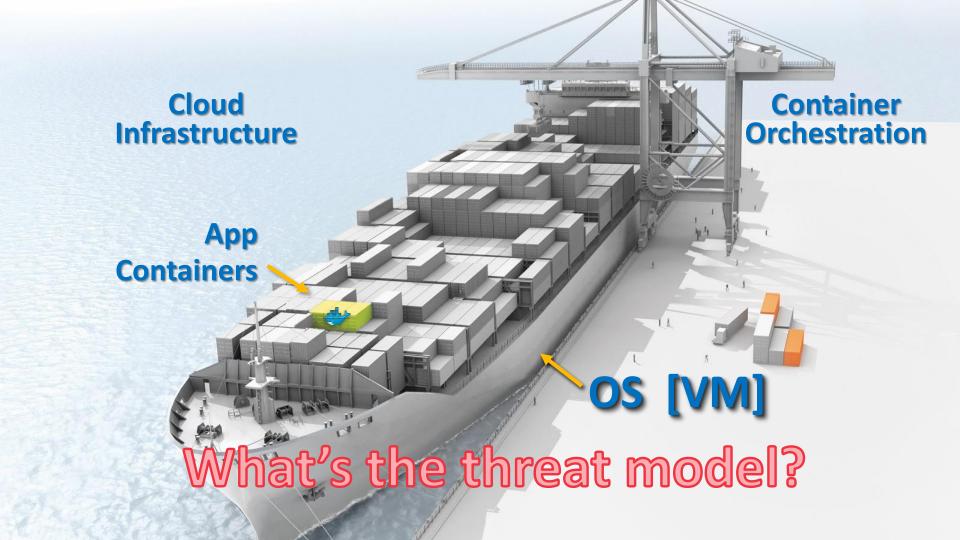


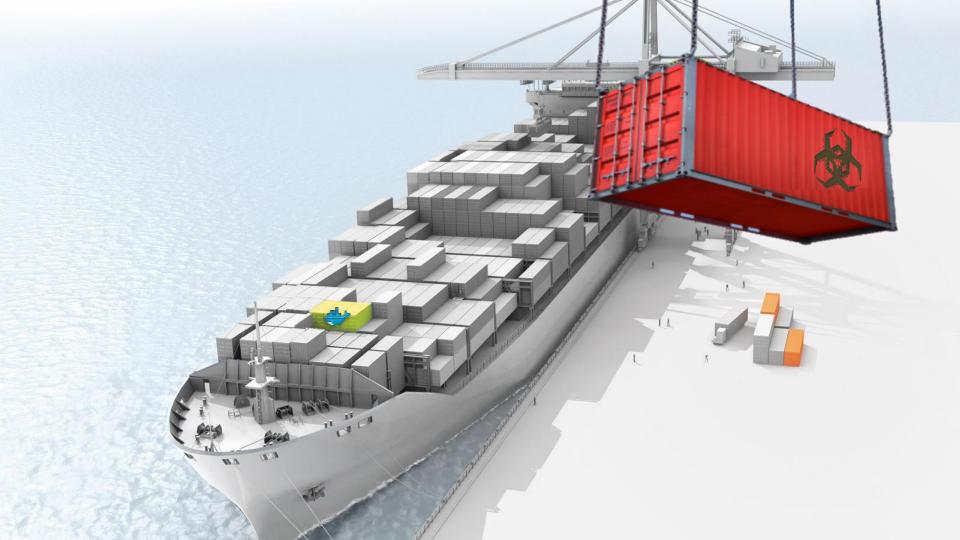
VIVIS



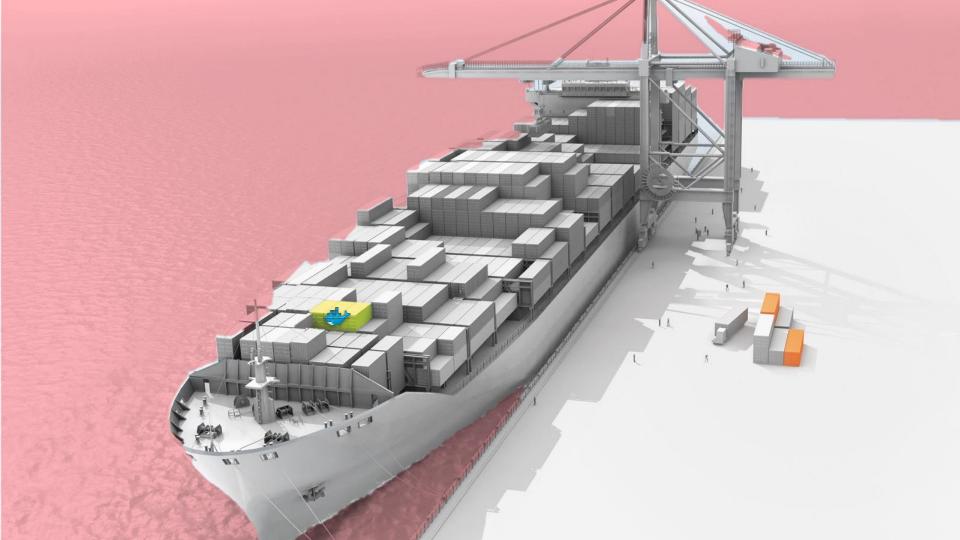
Containers





















Apply What You Have Learned Today

- Get involved!
 - docker.com/resources/security
- If your organization is developing cloud apps using containers / VMs
 - Make <u>security-first</u> a design commitment
 - Understand the security differences & limitations of containers and VMs
 - Educate your dev-ops team on the security / compliance challenges of any shared infrastructure environment – even if it is a private cloud
 - Educate your team on the role of micro-services networking to help to secure cloud based applications



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