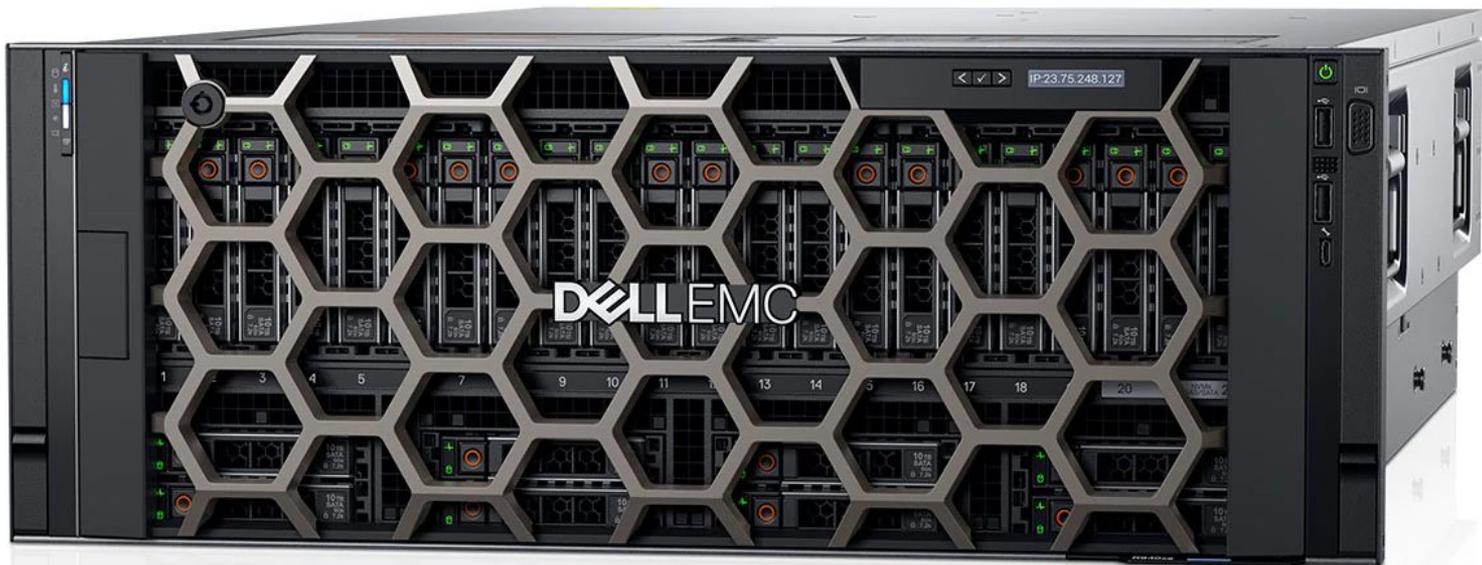
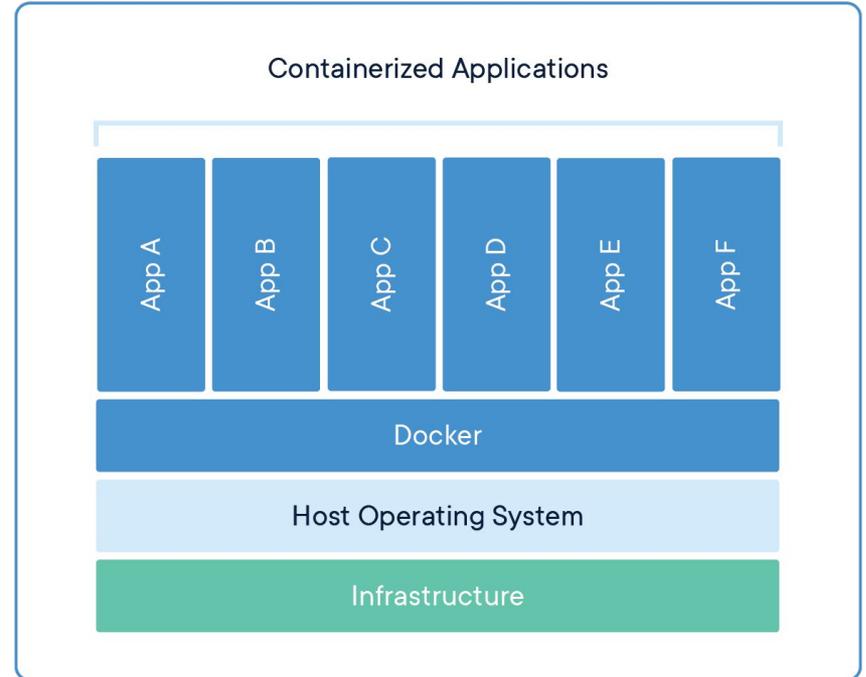
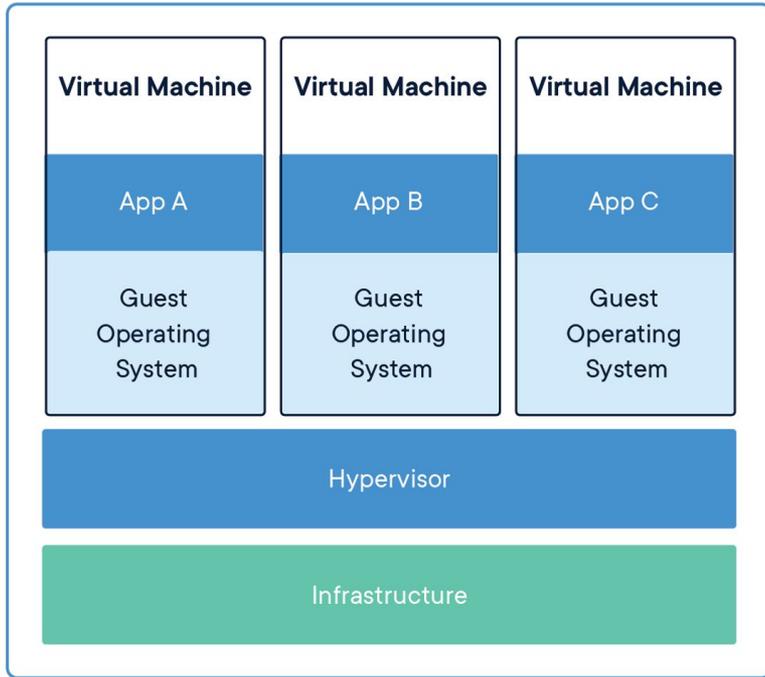


CS50 for MBAs

Privacy, Security







threats

- Computational Thinking
- Python
- Algorithms, Data Structures
- SQL
- Internet Technologies
- Cloud Computing

- SQL injections
- port scanning
- bugs
- phishing
- social engineering
- ...

haveibeenpwned.com

defenses

- encryption
 - private-key, symmetric
 - public-key, asymmetric
- digital signatures
- hashes

- automatic updates
- strong passwords
 - changing passwords?
 - lockouts
- password managers
- 2-factor authentication
- (open-source) libraries

- blockchain
- Bitcoin
- ...

- <https://www.zdnet.com/article/data-of-2-4-million-blur-password-manager-users-left-exposed-online/>
- <https://9to5google.com/2019/01/10/ring-camera-live-feed-access/>
- <https://9to5mac.com/2019/01/28/facetime-bug-hear-audio/>
- <https://www.macrumors.com/2019/01/29/facebook-sideload-vpn-app/>
- <https://tech.slashdot.org/story/19/02/14/016230/personal-information-of-148-million-500px-users-exposed-in-security-breach>
- <https://www.theinquirer.net/inquirer/news/3063050/nest-customer-is-locked-out-after-his-doorbell-mistakes-him-for-batman>
- ...

Assignment 7