



TCSS562: Software Engineering for Cloud Computing [Fall 2020] School of Engineering and Technology, University of Washington - Tacoma

L12.17



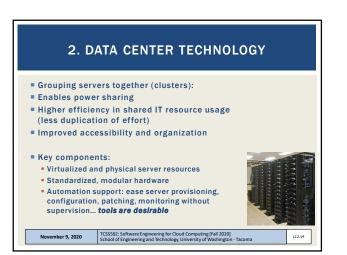


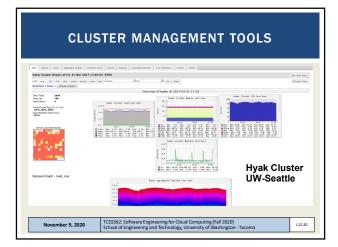
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November 9, 2020

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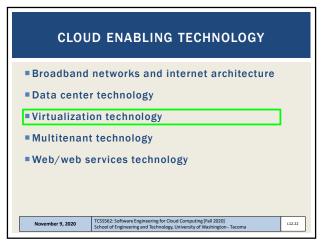


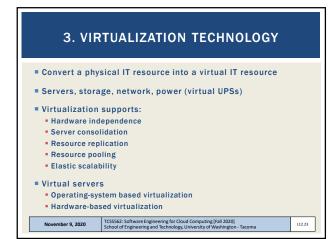


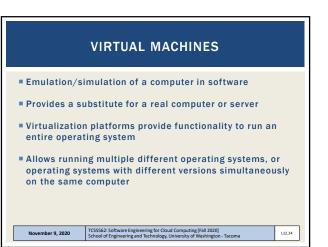
DATA CENTER TECHNOLOGY – KEY COMPONENTS Remote operation / management High availability support: **redundant everything** Includes: power supplies, cabling, environmental control systems, communication links, duplicate warm replica hardware Secure design: physical and logical access control Servers: rackmount, etc. Storage: hard disk arrays (RAID), storage area network (SAN): disk array with dedicated network, network attached storage (NAS): disk array on network for NFS, etc. Network hardware: backbone routers (WAN to LAN connectivity), firewalls, VPN gateways, managed switches/routers

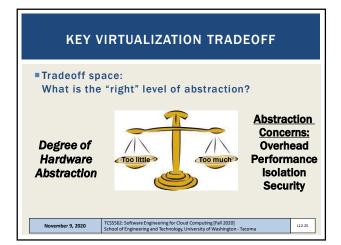
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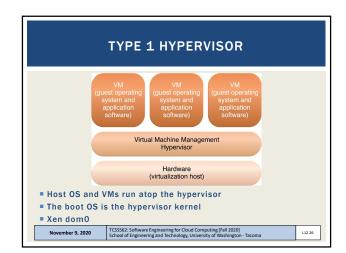
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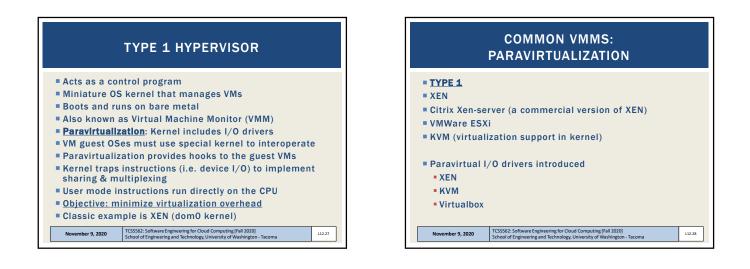


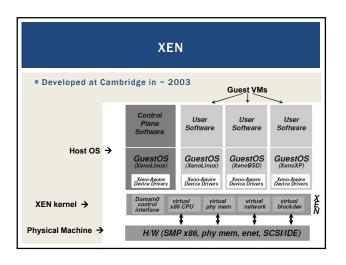






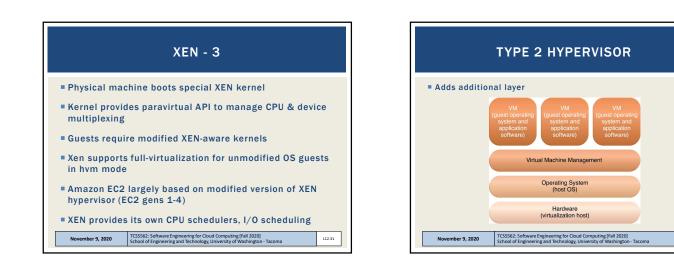


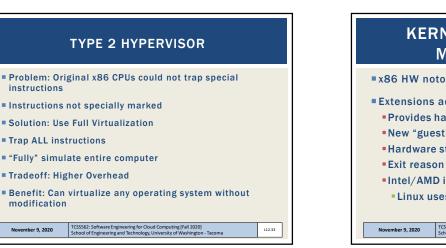


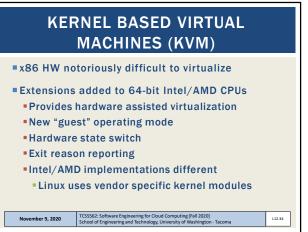


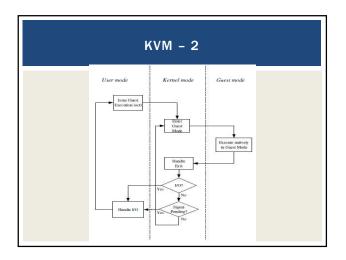
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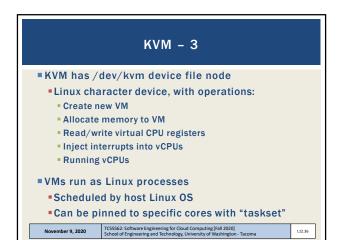
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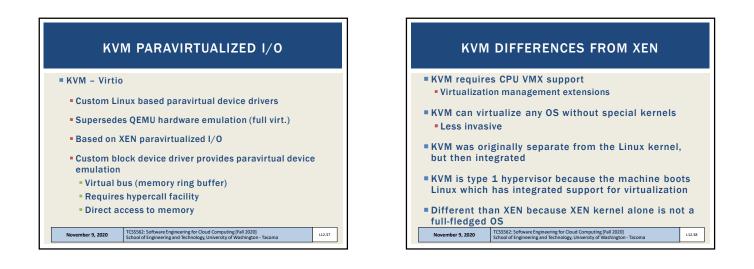


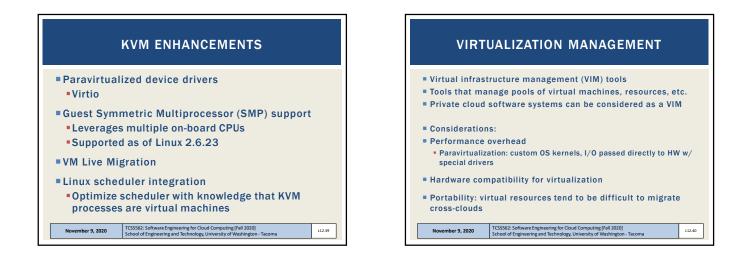


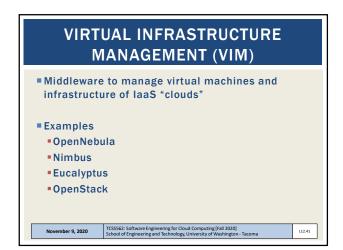


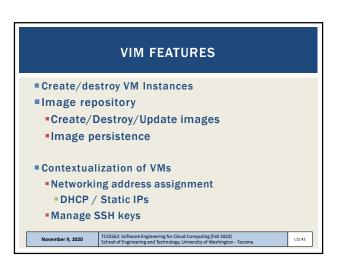


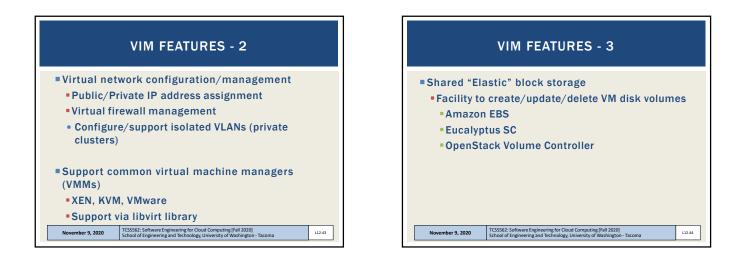


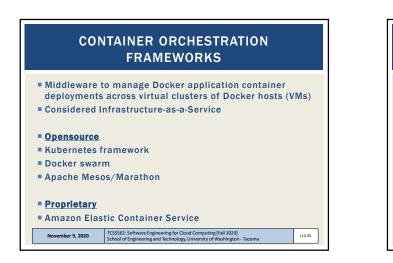




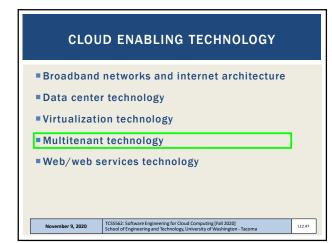


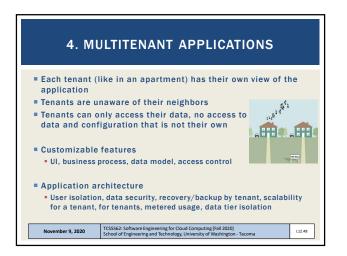


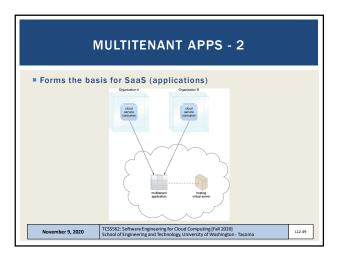


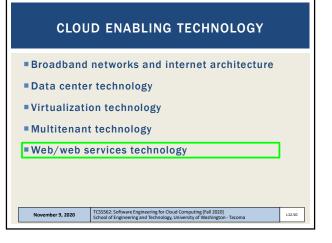


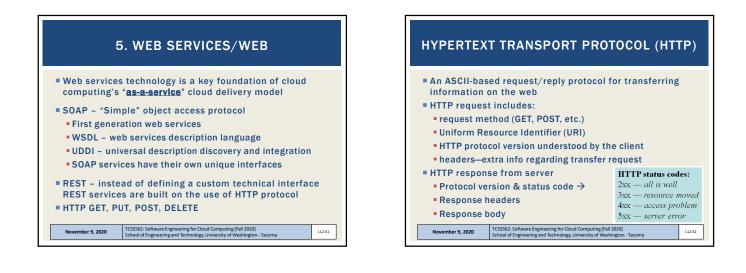


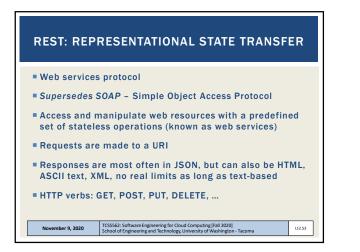


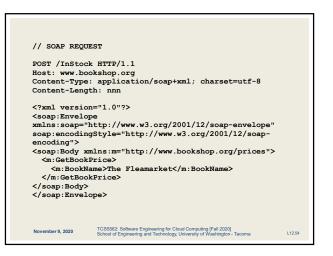












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