



41891, 42891 – CLOUD COMPUTING

LAB 7: ESXi INSTALL AND HOST PROFILES

Tutor: Ngoc LE

Outline:



1

EXSi installation

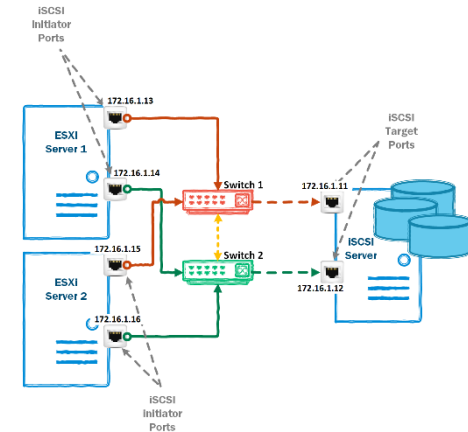
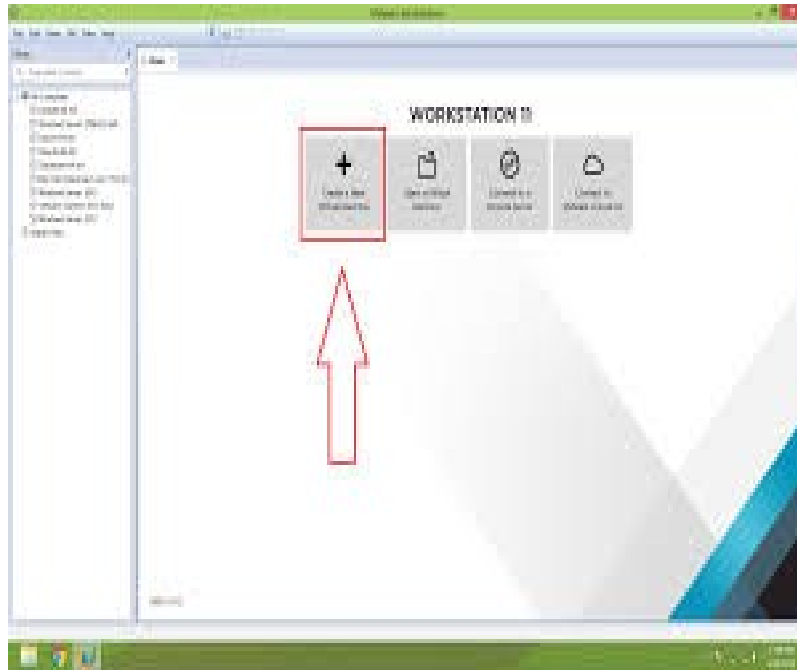
2

Host Profiles

3

Project guidance

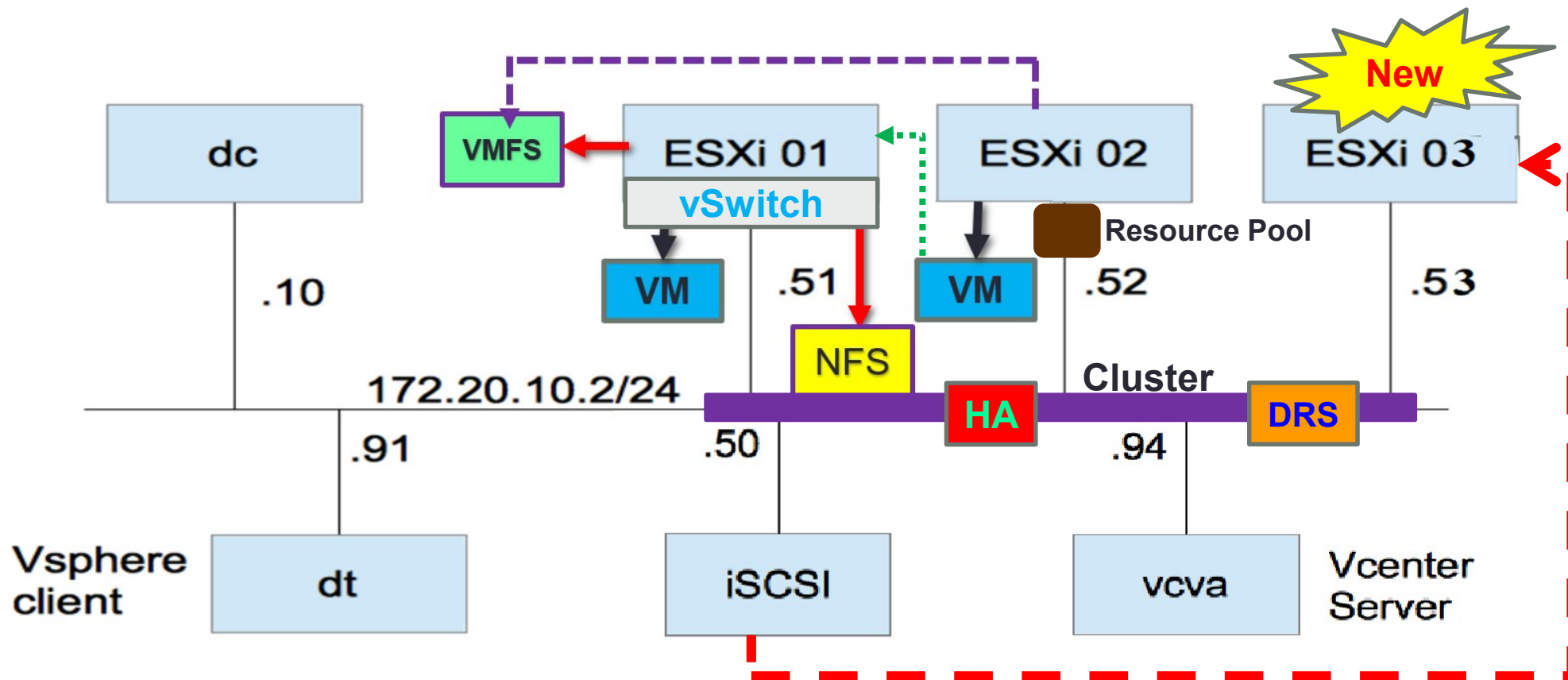
1. ESXi installation [1,2]



[1] <https://docs.vmware.com/en/VMware-vSphere/6.7/vsphere-esxi-67-installation-setup-guide.pdf>

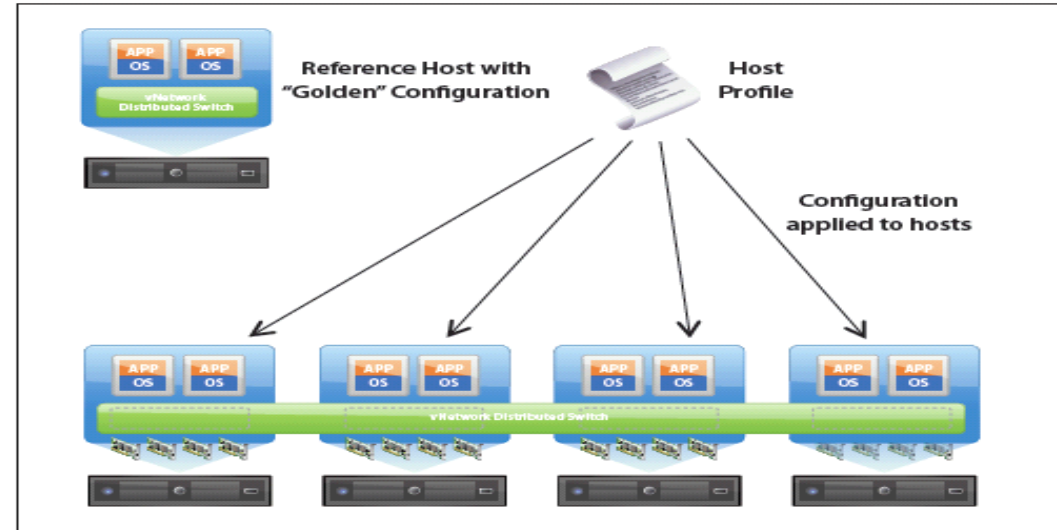
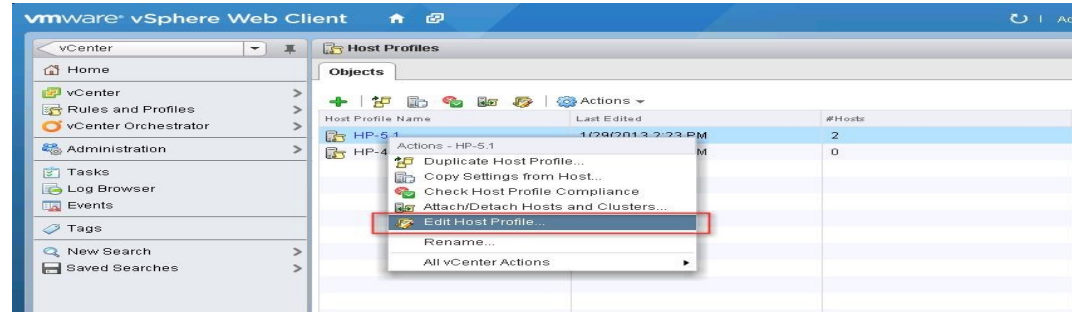
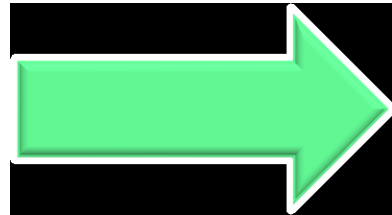
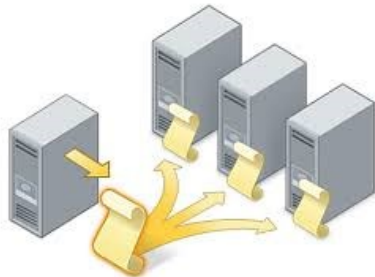
[2] https://www.synology.com/en-global/knowledgebase/DSM/tutorial/Virtualization/How_to_set_up_Synology_NAS_as_VMware_server_datastore

1. Network design for Lab 7 (Week 8)



2. What is Host Profiles? [3]

VMware Host Profiles is a vCenter Server tool for designing and deploying ESX/ESXi hosts. Host Profiles works by encapsulating a reference host configuration and turning it into a profile, or template, upon which other hosts or clusters of hosts can be configured.

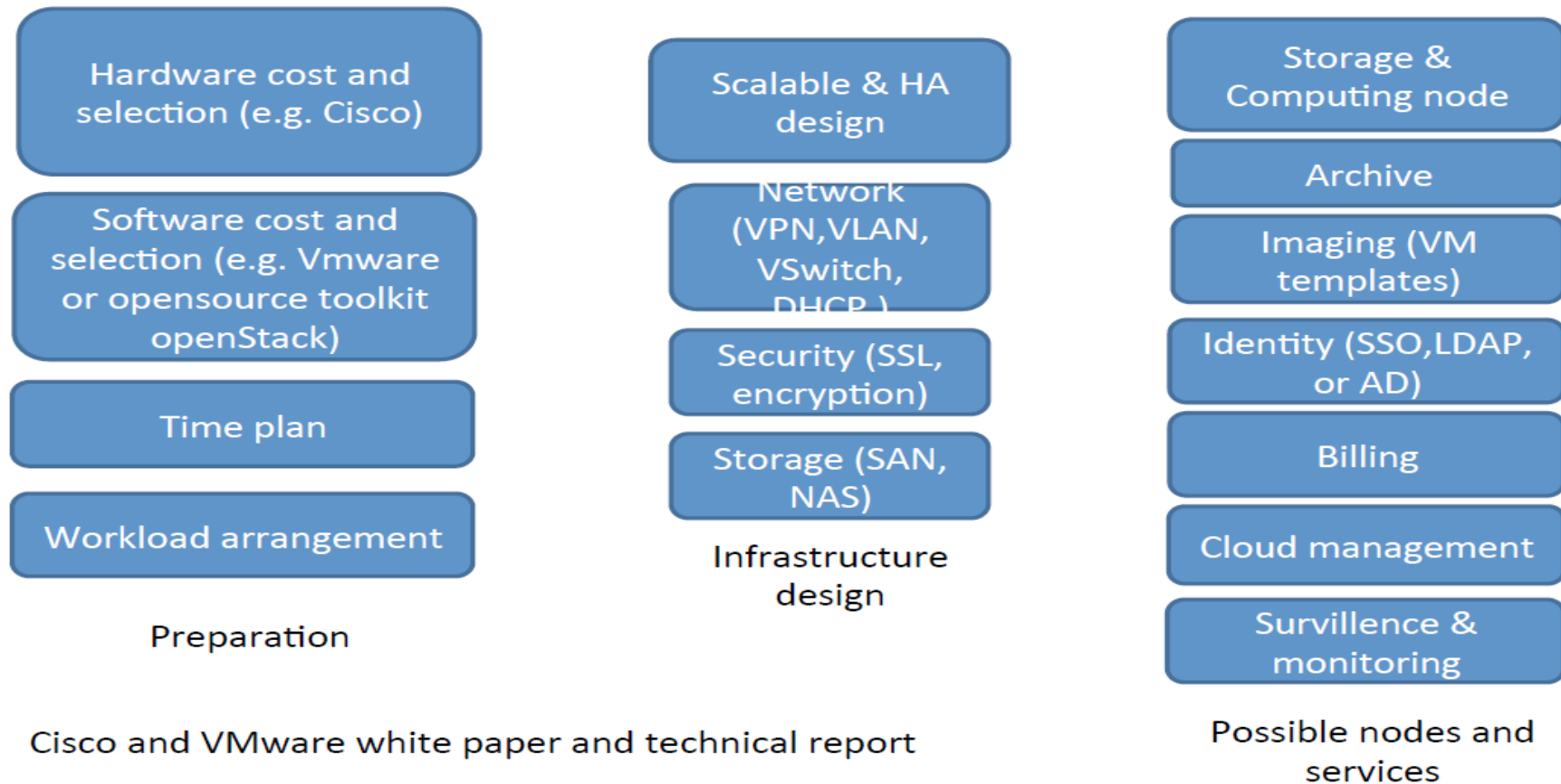


[3] https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.avail.doc_50%2FGUID-33A65FF7-DA22-4DC5-8B18-5A7F97CCA536.html

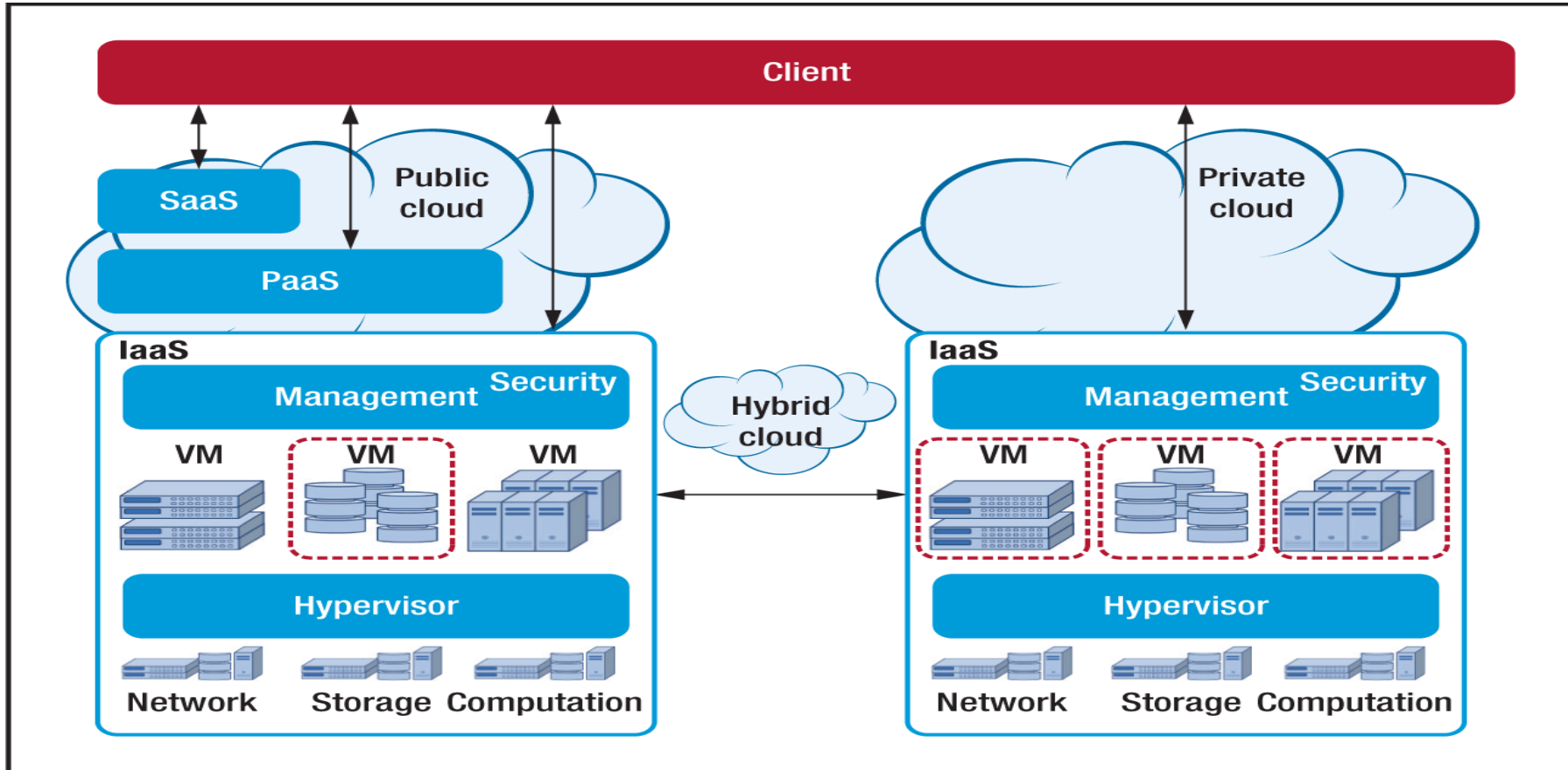
3. Project guidance

- Team and division
- Roles and division
- Business requirement analysis
 - ✓ Target clients
 - ✓ Infrastructure scale
 - ✓ Cost estimation and control
 - ✓ Possible risk analysis
 - ✓ Service workload goal

Cloud infrastructure design

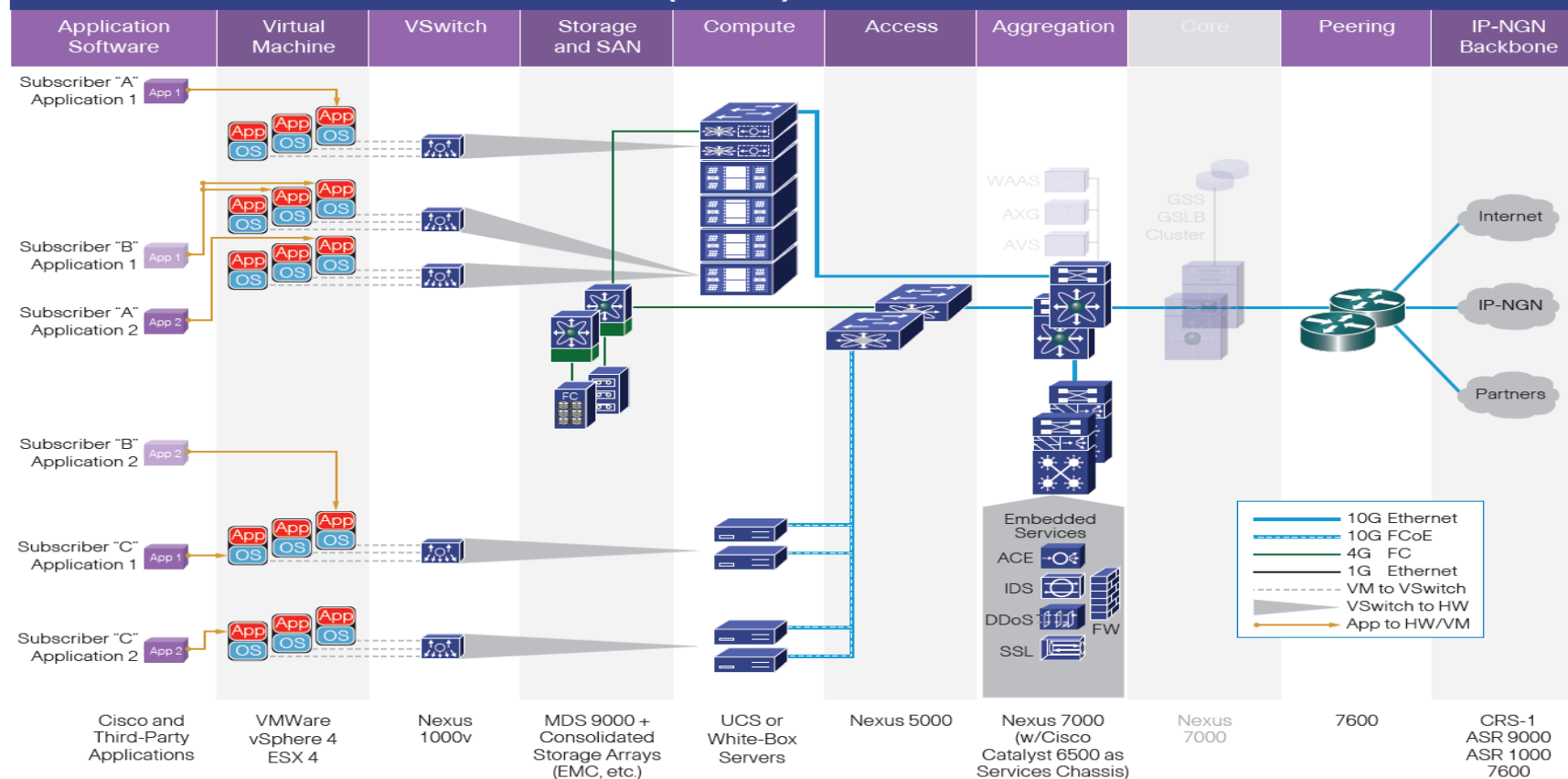


IaaS and Cloud Tech [4]

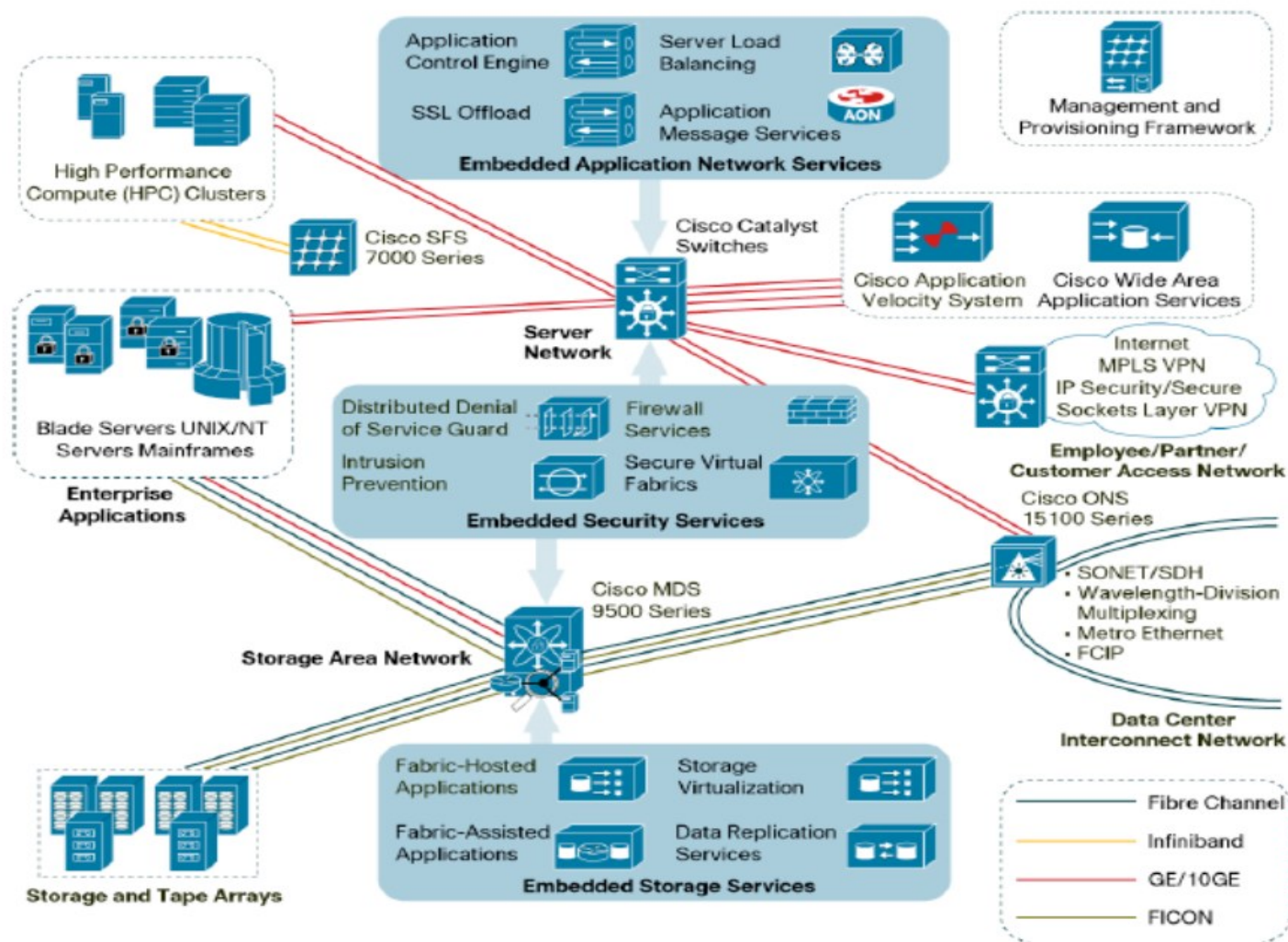


Cloud Architecture and Design [5]

Infrastructure as a Service (IaaS):



Data Center Network Topology



THANK YOU!

Question & Answer