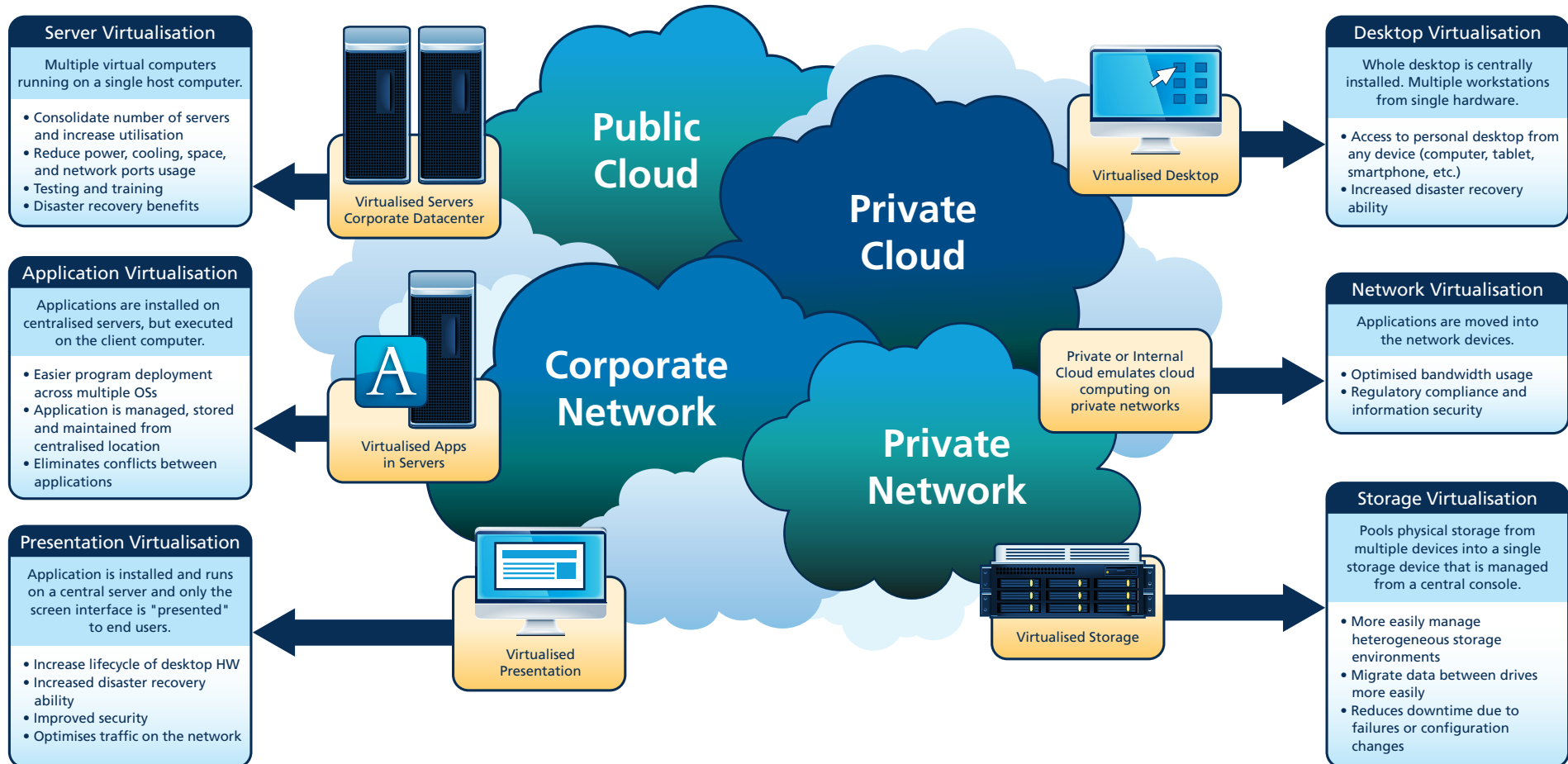




# Cloud and Virtualisation Training Roadmap

Cloud Computing: a set of computing resources and services delivered on-demand over the Internet





		VMware	Microsoft	Cisco
<b>Install and Manage</b>	<b>Server Virtualisation</b>	VSICM VMware vSphere: Install, Configure, Manage VMWN VMware vSphere: What's New VSO VMware vSphere: Overview	M10215 Implementing and Managing Microsoft Server Virtualisation	DCUCI Cisco Data Center Unified Computing Implementation DCUCD Cisco Data Center Unified Computing Design
	<b>Application Virtualisation</b>	VMAVVT Application Virtualisation with VMware ThinApp	M50235 Managing Enterprise Desktops Using the Microsoft Desktop Optimisation Pack	ACESM Implementing the Application Control Engine Service Module DCASI Implementing Data Center Application Services DCASD Design Data Center Application Services ACNS Cisco Application and Content Networking System
	<b>Presentation Virtualisation</b>			
	<b>Desktop Virtualisation</b>	VMDFT VMware View: Desktop Fast Track VIEW VMware View: Install, Configure, Manage VMVD VMware View: Design Best Practices	M50235 Managing Enterprise Desktops Using the Microsoft Desktop Optimisation Pack	
	<b>Network Virtualisation</b>			DCUFD Designing Cisco Data Center Unified Fabric DCUFI Implementing Cisco Data Center Unified Fabric DCNX1K Implementing the Cisco Nexus 1000v DCNX5K Implementing the Cisco Nexus 5000 and 2000 DCNX7K Implementing the Cisco Nexus 7000
	<b>User Virtualisation</b>			
	<b>Storage Virtualisation</b>	VSSA VMware vSphere: Skills for Storage Administrators		DCSNS Designing Cisco Storage Networking Solutions ICSNS Implementing Cisco Storage Networking Solutions IASNS Implementing Advanced Cisco Storage Networking
<b>Overcome Virtualisation Challenges</b>	<b>Capacity Planning</b> Because creation of virtual servers is simplified now, identifying capacity bottlenecks poses as a major challenge for IT administrators	VSMS VMware vSphere: Manage Scalability		DCUCD Cisco Data Center Unified Computing Design DCUFD Designing Cisco Data Center Unified Fabric
	<b>Reliability</b> Traditional backup approaches don't work well on virtual machines, posing an additional hurdle to achieve reliability	VSAFT VMware vSphere: Advanced Fast Track VSMDS VMware vSphere: Manage and Design for Security VSMA VMware vSphere: Manage Availability VST VMware vSphere: Troubleshooting	M6423 Implementing and Managing Windows Server 2008 Clustering	DCNID Data Center Network Infrastructure Design DCUFD Designing Cisco Data Center Unified Fabric DCNX1K Implementing the Cisco Nexus 1000v
	<b>Management &amp; Compliance</b> The ability to have insight into virtual machines is key for proper management	VSSO VMware vSphere: Skills for Operators VSMP VMware vSphere: Manage for Performance VSA VMware vSphere: Automation with vSphere PowerCLI VSMDS VMware vSphere: Manage and Design for Security	M6451 Planning, Deploying, and Managing Microsoft Systems Center Configuration Manager 2007 M10215 Implementing and Managing Microsoft Server Virtualisation	CWLMS Implementing CiscoWork LMS
	<b>BC/DR</b> Virtualisation makes it cheaper and easier to procure new servers to develop clusters as well as data replication	VMSRM VMware Site Recovery Manager VSMA VMware vSphere: Manage Availability	M6423 Implementing and Managing Windows Server 2008 Clustering	
<b>Cloud</b>	Seamlessly manage your infrastructure in your internal and/or external cloud, and move your workloads between these.	VMCO VMware vCloud: Overview VMAVC VMware vCloud: Architecting the VMware Cloud		



		Citrix	Red Hat	AppSense
<b>Install and Manage</b>	Server Virtualisation	CXS-202 Citrix XenServer 5.6 Administration CVE-400 Engineering a Citrix Virtualisation Solution CXA-204 Basic Administration for Citrix XenApp 6	RH318 Red Hat® Enterprise Virtualisation	
	Application Virtualisation			
	Presentation Virtualisation	CXA-201 Implementing Citrix XenApp 5.0 for Windows Server 2008 CXA-301 Citrix XenApp 6.5 Advanced Administration CXA-204 Basic Administration for Citrix XenApp 6		
	Desktop Virtualisation	CXD-202 Citrix XenDesktop 5 Administration CMB-200 Implementing the Citrix Desktop Delivery Infrastructure		
	Network Virtualisation			
	User Virtualisation			SL180 AppSense: Professional EL280 AppSense: Specialist
	Storage Virtualisation		RH436 Red Hat® Enterprise Clustering and Storage Management	
<b>Overcome Virtualisation Challenges</b>	Capacity Planning	Because creation of virtual servers is simplified now, identifying capacity bottlenecks poses as a major challenge for IT administrators		
	Reliability	Traditional backup approaches don't work well on virtual machines, posing an additional hurdle to achieve reliability		
	Management & Compliance	The ability to have insight into virtual machines is key for proper management	CXA-301 Citrix XenApp 6.5 Advanced Administration	RH401 Red Hat® Enterprise Deployment, Virtualisation, and Systems Management
	BC/DR	Virtualisation makes it cheaper and easier to procure new servers to develop clusters as well as data replication		RH436 Red Hat® Enterprise Clustering and Storage Management
<b>Cloud</b>	Seamlessly manage your internal infrastructure in your internal and/or external cloud, and move your workloads between these.			