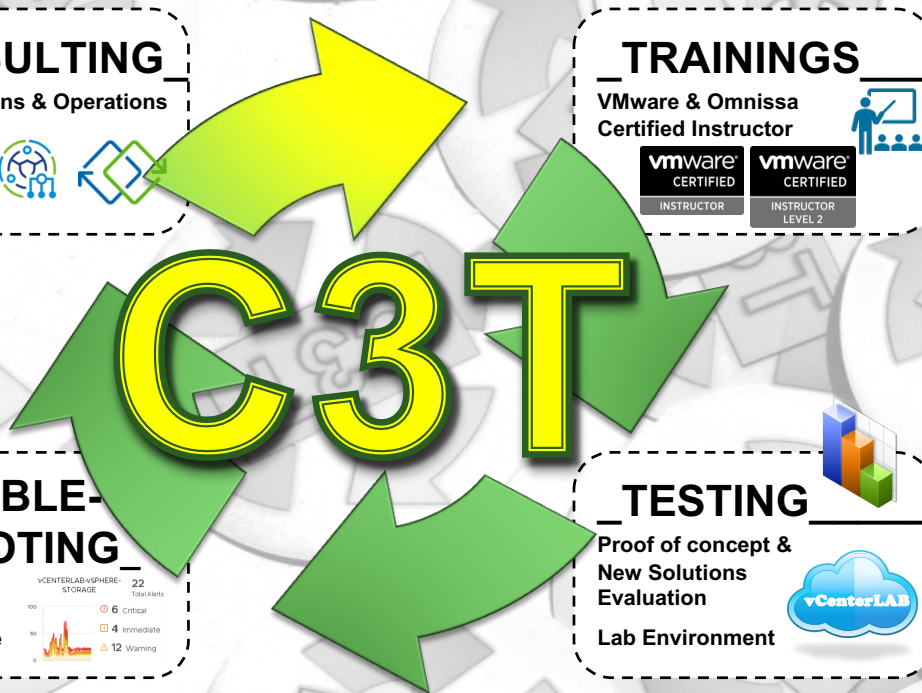


Jean Ulrich

VMware & Omnissa Consultant & Instructor Competency Matrix



Technical Capabilities:
Certifications, Role &
Competency

My_informations_&_Certifications__



__ Jean Ulrich __

- C3T SARL founder, based in Nyon in 2017, SWITZERLAND
- 45 years old
- Mobile : [+41 79 159 78 87](tel:+41791597887)
- Email : jean.ulrich@c3t.ch
- Blog: www.c3t.ch/category/articles/
- Speaking: FRENCH / ENGLISH / GERMAN

__ Key Experiences __

- Working with VMware since 2004 (Consultant)
- VMware Certified Professional since october 2005
- VMware Certified Instructor since March 2006

__ VMware certifications __

- VMware VCP-DCV v2, v3, v4, v5, v5.5 Delta Exam, v6, v7 & v8
- VMware Certified Instructor v2, v3, v4, v5, v6 & v7, LEVEL 1 & 2
- VMware Certified Advanced Professional v4 (vSphere)
- VMware VCP-DTM v6 (Horizon)
- VMware VCP-Cloud Management v7 (Automation)
- VMware VCP-Network Virtualization 2021 (NSX)
- VMware vRO Livefire MasterClass
- EUC Livefire: Horizon Cloud Advanced Integration 2022
- Horizon - Horizon Cloud Service on Microsoft Azure 2023
- VMware VCP - VMware Cloud Foundation Administrator 2024

__ Others certifications __

- VMUG Leader
- Veeam VMTSP & VMSP
- NetApp ASAP
- EMC VSE Consolidate Product & Technology
- EMC VSE Backup & Recovery Product & Technology
- Microsoft 070-410: Installing & Configuring Windows Server 2012
- Datacore DCIE & Instructor

5 VCPs

vSphere



Horizon



Automation



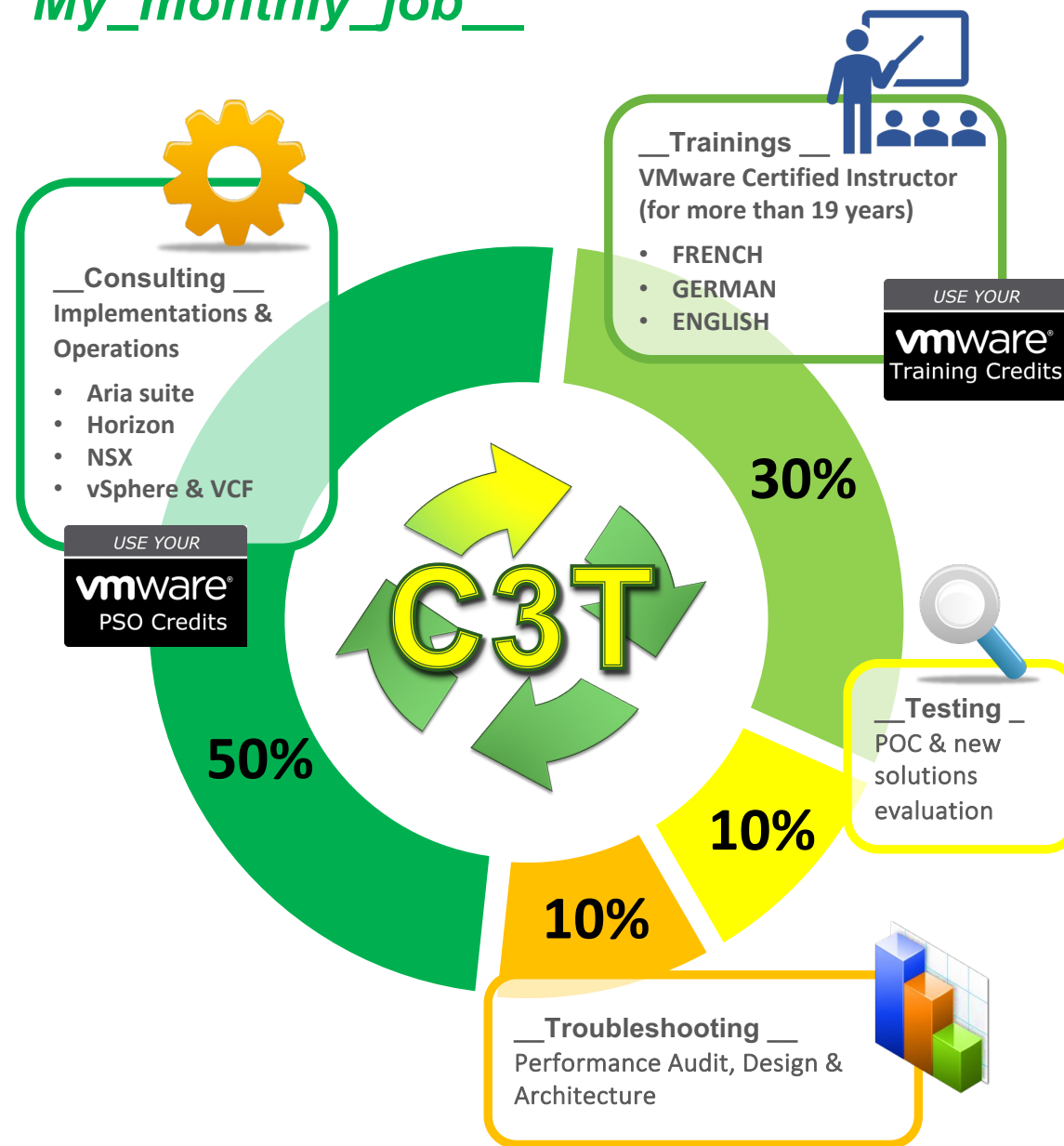
NSX



VCF



My_monthly_job__



My_Competency_Matrix__



Form	Lab Environment	Workshop	POC	Training & Transfers	Delivery & Operations	Architecture	Troubleshooting	
Level	★ (100)		★★ (200)		★★★ (300)		★★★★ (400)	✓ EXPERT
Purpose	Demo / new features evaluations	Slide presentation with demonstration	Customer env. evaluation	Slide presentation with labs	Customer env. integration	Customer design	Troubleshooting, optimize & Audit	

___ DATA CENTER & CLOUD INFRASTRUCTURE ___

vSphere - Core	✓	✓	✓	✓	✓	✓	✓	✓ EXPERT
VMware Cloud Foundation	✓	✓	✓	✓	✓	✓		
vSAN	✓	✓	✓	✓	✓	✓	✓	✓ EXPERT
Site Recovery Manager	✓	✓	✓	✓	✓	✓		
Tanzu	✓	✓	✓	✓				
Cloud Director	✓	✓	✓	✓	✓			
vSphere - Automation	✓	✓	✓	✓	✓	-- NA --	-- NA --	

___ NETWORKING & SECURITY ___

NSX Micro Segmentation	✓	✓	✓	✓	✓	✓		
NSX Application Platform	✓	✓	✓	✓	✓	✓		
NSX Advanced Load Balancer	✓	✓	✓	✓				
Aria Operations for Networks	✓	✓	✓	✓	✓	✓		

___ INFRASTRUCTURE & OPERATIONS MANAGEMENT ___

Aria Operations	✓	✓	✓	✓	✓	✓	✓	✓ EXPERT
Aria Automation	✓	✓	✓	✓	✓	✓	✓	✓ EXPERT
Aria Automation Config (Salt)	✓	✓	✓	✓	✓	✓		
Aria Orchestrator	✓	✓	✓	✓	✓	✓		
Aria Operations for Logs	✓	✓	✓	✓	✓	✓	✓	✓ EXPERT
Aria LifeCycle Manager	✓	✓	✓	✓	✓	✓		

___ DESKTOP & END USER COMPUTING ___

Horizon - Core	✓	✓	✓	✓	✓	✓	✓	✓ EXPERT
Horizon Cloud	✓	✓	✓	✓	✓	✓		
UAG & LB	✓	✓	✓	✓	✓	✓		
App Volumes	✓	✓	✓	✓	✓	✓	✓	✓ EXPERT
DEM	✓	✓	✓	✓	✓	✓	✓	✓ EXPERT
Workspace ONE Access	✓	✓	✓	✓	✓	✓		
Aria integration	✓	✓	✓	✓	✓	✓		

VMware by Broadcom

Omnissa

CONSULTING - TRAININGS - TROUBLESHOOTING - TESTING



My_Consulting_and_Troubleshooting_references__

DATA CENTER & CLOUD INFRASTRUCTURE

Banque, Industrie & Administration in Switzerland				
2016	5 Days	vSphere	vSphere migration	vCenter / 4 ESXi / 70 VMs
2016	3 Days	vSphere	vSphere storage migration	vCenter / 12 ESXi / 400 VMs
2016	1 Day	vSphere	vSphere audit & Best practices	vCenter / 4 ESXi / 80 VMs
2017	2 Days	vSphere	New vSphere deployment	vCenter / 4 ESXi / 30 VMs
2018	2 Days	vSphere	vSphere architecture audit	3 vCenter / 90 ESXi / 2000 VMs / PSC Clustered
2018	3 Days	vSphere	vSphere & Storage migration	vCenter / 12 ESXi local & 60 ESXi ROBO / 250 VMs
2019	4 Days	vSAN	vSAN Deployemnt and Validation	vCenter / 8 ESXi / vSAN Stretch Cluster
2019/20	4 Days	vSphere	vSphere architecture & audit	2 vCenter / 16 ESXi / 350 VMs
2020	3 Days	vSAN	vSphere & vSAN upgrade	vCenter / 5 ESXi / vSAN / Horizon
2021	2 Days	vSphere	Architecture and performance Audit	vCenter / 20 ESXi / 350 VMs
2022	6 Days	vSphere	Deploy vSphere Steched Cluster	vCenter / 12 ESXi / Streched Cluster
2022	3 Days	vSphere	vSphere Upgrade	vCenter / 5 ESXi / 150 VMs
2023	2 Days	vSphere	vSphere performance Troubleshooting	vCenter / 100 ESXi / multiple site
2024	1 Day	vSphere	vSphere performance Troubleshooting	vCenter / 6 ESXi / 120 VMs
2024	3 Days	vSphere	vSAN Troubleshooting	vCenter / 8 ESXi / vSAN / Horizon
2024	3 Days	vSphere	vSphere Optimizatiion	vCenter / 10 ESXi / Streched Cluster
2025	4 Days	vSphere	Migration vSphere	2 vCenter / 14 ESXi / Standard & Streched Cluster / Horizon

DESKTOP & END USER COMPUTING

Banque, Canton, Watchmaker industry in Switzerland				
2016	4 Days	Horizon	Horizon Troubleshooting	Horizon 6 / 10 ESXi / 170 vDesktop / vROPS
2016	3 Days	Horizon	Horizon POC	Horizon 7 / 3 ESXi / 40 vDesktop
2017	4 Days	Horizon	Linked Clone with App & Profiles	Horizon 7 / AppVolumes / UEM / 12 ESXi / 200 vDesktop
2018	3 Days	Horizon	Horizon Upgrade & Win10 desktops	Horizon 7 / 300 vDesktops
2018	6 days	DEM/AP	Horizon, AppVol. & DEM Upgrade	Horizon 7.4 / AppVolumes & UEM / 12 ESXi / 350 vDesktop
2018	4 Days	DEM	UEM Troubleshooting	Windows 10 Desktop with UEM
2018	2 Day	Horizon	Horizon audit	Horizon 7.4 / UEM / 170 vDesktop / vROPS
2018	2 Days	DEM/AP	DEM & AppVolumes settings	Horizon 7.4 / App Volumes / UEM 120 vDesktop / vROPS / 2 sites
2019	4 Days	DEM	Desktop Logon time Troubleshooting	Desktop
2020	2 Days	DEM	optimization & DEM rules	Horizon 7.7 / App Volumes / DEM
2020	20 Days	Horizon	Windows 10 Desktop transition	Horizon 7.12 / AppVolumes / DEM / vROPS
2020	65 Days	DEM/AP	Deploying, optimize & troubleshoot Windows 10 Desktop	Horizon 7.13 / App Volumes / DEM / Master VM / 3500 vDesktops / 3D Card
2021	8 Days	Horizon	vCenter & Connection Server migration	vSphere 6.7 / Horizon 7.13
2022	2 Days	Horizon		
2022	3 Days	Horizon	Desktop Logon time Troubleshooting	Horizon 7 / 4 ESXi Cluster / 200 vDesktop
2022/23	14 Days	DEM/AP	Master optimisation and automation	Horizon 8 / 36 ESXi in 5 Cluser / 2 sites / 3D Card / 700 vDesktop / AppVolumes & DEM
2022 - 2024	10 Days	DEM/AP	DEM & AppVolumes advanced config. Migration H7 to H8	Horizon 8 / 4 ESXi Cluster / vSAN / 200 vDesktop
2024	12 Days	Horizon DEM	Architecture / Horizon & DEM advanced config.	Horizon 8 / 16 ESXi / vSAN Stretched Cluster / 2000 vDesktop
2025	2 Days	DEM/AP	Troubleshooting AppVolumes & DEM	Horizon 8 / 6 ESXi / 400 vDesktop

INFRASTRUCTURE & OPERATIONS MANAGEMENT

Banque, Canton, Watchmaker industry, Administration, Town in Switzerland & France				
2016	20 Days	vROPS	Calibration & custom Dashboard	4500 VMs / 1200 ESXi / NetApp & HP Solution Pack
2016	15 Days	vRLI vROPS	Calibration, custom Dashboard, Alerts & SuperMetrics	1000 VMs / 2000 vDesptop / 80 ESXi / Blue Medora, NetApp, Cisco UCS & vRealize Log Insight
2016	3 Days	vROPS	vROPS for Troubleshooting	10 ESXi / 170 vDesktop
2017	3 Days	vROPS	Calibration & Reportings	70 ESXi / 400 VMs / UCS Cisco Solution Pack
2017	10 Days	vROPS	Calibration & custom Dashboard. Custom Alerting & Super Metrics	25 ESXi / 400 vDesptop / EMC & UCS Cisco Solution Pack
2017	5 Days	vROPS	vROPS with Horizon Solution pack	40 ESXi / 250 vDesptop
2017/18	13 Days	vROPS	Calibration & custom Dashboard, Alerting & View	30 ESXi / 300 VMs / 1800 vDesktop
2018	3 Days	vROPS	vROPS calibration & Solution Pack	12 ESXi / Horizon / RDSH / vROPS / Storage & Network Pack
2018	7 Days	vRA vRO	vRA & vRO Deployment. Blue print & Workflow deploymenents	12 ESXi / 200 vDesktop
2019	4 Days	vROPS	Calibration, custom Dashboard & Alerts, Solution Pack	600 VMS / 16 ESXi / vSAN Audit
2019/20	7 Days	vROPS	Calibration, custom Dashboard & Alerts, Solution Pack	45 ESXi / 400 VMs / streched Datacenter
2022	10 Days	vRA vRO	vRA & vRO Deployment & connection solution pack. Blue print & Workflow	2000 VMs / 60 ESXi / 4 Cluster / 700 vDesktop
2023/24	11 Days	vROPS	Calibration, custom Dashboard & Alerts, Solution Pack	500 ESXi / 6000 VMS / vSAN / 5 sites
2018 - 2024	110 Days	vROPS vRA vRLI	vRA & vRO Deployment & connection solution pack. Blue print & Workflow deploymenents vROPS calibration, custom Dashboard & Alerts, Solution Pack. Log Insight Deployment, Widget & queries creations	250 ESXi / 3000 VMs / 7 Clusters VSI & 4 Clusters VDI / Streched Cluster / vSAN
2024	6 Days	vROPS	Custom Dashboard économie d'énergie	30 ESXi / 600 VMS / vSAN Stretched / 2 sites
2024	4 Days	vRA vRO	Creation de Cloud Tempate et extencibility	4 sites / 44 ESXi / 1000 VMs
2024	5 Days	Salt	Saltstack Config avec SQL Server	2 sites / Multiple SQL nodes
2024 & 2025	10 Days	vRA vRO	Creation de Blueprint & extensibility (IPAM, SNOW)	4 sites / 44 ESXi / 1000 VMs

NETWORKING & SECURITY

Canton and Watchmaker industry in Switzerland				
2021	5 Days	NSX-T	POC Micro Segmenetation & security Rules	Tier 0 & Tier1 / 2 Edge / Security Group & Rules
2022	3 Days	NSX-T	NSX-T Managed by vRA & API	Micro Segmenetation & security Groups/Rules
2023	7 Days	NSX-T	Micro Segmenetation & Network Services	Tier 0 & Tier1 / 4 Edge / AVI / Security Group & Rules
2024	4 Days	NSX-T	Advanced security	Aria Operations for Networks / Security Group & Rules
2024	8 Days	NSX-T	Advanced security	Advanced Threat Prevention / Security Group & Rules

My_Trainings_list



Over 18 years of experience in the field of virtualization with more than 450 Official VMware Training in Switzerland, France & Germany since March 2006 .

This is a short list of my current trainings delivering Onsite, Online or in a VMware Certified Training Center.

At Customer
site
60%

Training
center
40%

DATA CENTER & INFRASTRUCTURE

VMware vSphere Courses

VMware vSphere: Install, Configure, Manage	[v8.0]	Core	5 Days	
VMware vSphere: What's New	[v7 > v8]	Professional	2 Days	
VMware vSphere: Fast Track	[v8.0]	Professional	5 Days	
VMware vSphere: Design	[v8.0]	Professional	3 Days	New
VMware vSphere: Advanced Administration	[v8.0]	Advanced	5 Days	New
VMware vSphere: Operate, Scale, and Secure	[v8.0]	Advanced	5 Days	
VMware vSphere: Troubleshooting	[v8.0]	Advanced	5 Days	
Data Center Virtualization: Core Technical Skills [V7]	[v7.0]	Core	4 Days	

VMware vSAN Courses

VMware vSAN: Install, Configure, Manage	[v8.0]	Core	4 Days
VMware vSAN: Management and Operations	[v7.0]	Professional	3 Days
VMware vSAN: Troubleshooting	[v8.0]	Advanced	2 Days

VMware Tanzu and Kubernetes Courses

VMware vSphere with Tanzu: Deploy and Manage	[v8.0]	Core	3 Days
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VMware Site Recovery Manager Courses

VMware Site Recovery Manager: Install, Configure, Manage	[v8.6]	Core	2 Days	New
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NETWORKING & SECURITY

VMware NSX & Aria Operations for Networks Courses

VMware NSX: Install, Configure, Manage	[v4.0]	Core	5 Days	
VMware NSX: Design	[v4.x]	Professional	5 Days	New
VMware NSX: Troubleshooting & Operations	[v4.x]	Advanced	5 Days	
VMware NSX for Intrinsic Security	[v4.x]	Advanced	5 Days	
VMware Aria Operations for Networks: Install, Configure, Manage	[v6.8]	Professional	2 Days	

CLOUD & OPERATIONS MANAGEMENT

VMware Cloud Foundation Courses

VMware Cloud Foundation: Deploy, Configure, Manage	[V5.0]	Core	5 Days	New
VMware Cloud Foundation: Troubleshooting	[V5.0]	Advanced	2 Days	New

VMware Aria and vRealize Courses

VMware Aria Automation: Install, Configure, Manage	[v8.17]	Core	5 Days	New
VMware Aria Automation: Advanced Topics [V8.14]	[v8.14]	Advanced	5 Days	New
VMware Aria Automation: Orchestration and Extensibility	[v8.13]	Advanced	5 Days	
VMware Aria Automation SaltStack Config: Deploy and Manage	[v8.4]	Professional	3 Days	
VMware Aria Operations: Install, Configure, Manage	[v8.17]	Core	5 Days	New
VMware Aria Operations: Advanced Use Cases	[v8.x]	Advanced	2 Days	
Troubleshooting VMware vRealize Operations	[v8.x]	Advanced	2 Days	
VMware Aria Operation for Logs: Install, Configure, Manage	[v8.12]	Core	2 Days	New
VMware Aria Suite Lifecycle Manager: Install, Configure, Manage	[V8.10]	Core	2 Days	

DESKTOP & END USER COMPUTING

Omnissa Horizon Courses

Omnissa Horizon 8: Deploy and Manage	[v8.8]	Core	5 Days	
Omnissa Horizon 8: Troubleshooting Bootcamp	[v8.0]	Advanced	5 Days	
Omnissa App Volumes and Dynamic Environment Manager	[2212]	Professional	3 Days	
Omnissa Horizon 8: Deploy & Manage + App Volumes Fast Track	[v8.0]	Advanced	5 Days	
Omnissa Horizon Cloud Service, Next Gen on Microsoft Azure: Deploy & Manage		Professional	5 Days	

My_validation_Center__

Software



Hardware

Infos	Product	Details
Hardware	Chassis	1x Supermicro MicroBlade 3U
	Servers	7x Supermicro MBI-6118G-T41X
		4x Supermicro MBI-6128R-T2X
		1x Intel NUC NUC8I7HNK2
	Switches	1x Raspberry Pi 4 8G Model B (ARMv8)
	Security	2x Supermicro MBM-XEM-02 10GB
		Physical & Virtual Netgate pfSense Security Gateway Appliances
Cost	Hardware	+ 60K CHF/\$
Location	Datacenter	Breanserv in Crissier (Switzerland), Home
	Provider	Multiple IP on domain name vcenterlab.com
Tools	Collaboration	Obsidian, Office 365, Gitlab

Solution	Product	Version	Contents
vSphere	ESXi & vCenter	8.0 & 9.0	Multiple vCenter in Linked Mode, 10 ESXi & > 150 VMs (VSI, VDI & Containers) set as Privat Cloud with 4 SLAs
	Nested ESXi	8.0 & 9.0	Trusted platform, NSX, FT, vVol, SDRS & Autodeploy
	vSAN	8.0	Standart Cluster and 2 nodes Cluster . Custom Storage policies , vROP custom dashboards, Cloud Native Storage
	Tanzu	1.2X	4 Namespaces, Harbor, Tanzu Grid
	VCF	5.2.1 & 9.0	SDDC Manager, Cloud Buidr VM, Management Domain & differents VI Workload Domains
NSX	Manager	4.1.2	TOP 25 Security Group scenarios , Segments, AVI Networks, FW, multiple T0 & T1 Gateways, VRF, APT
	AVI	22.1	NSX Advanced Load Balancer
	Op. for Network	6.12	Network Analysis, Troubleshooting
Aria	Automation &	8.18	TOP 40 own custom Cloud Template (Blueprints) Day 1&2 , Ansible, Azure, AD, vROPS, Terraform, Multi-Tenant
	SaltStack Config	8.18	TOP 20 own SLS & Top file, Pillars, Becons & Reactors
	Orchestrator	8.18	TOP 30 own custom Workflow Day 1&2 , vCenter plugin AD & PowerShell
	Operations	8.18.3	TOP 30 own customs Dashboards, 15 own customs Alerts , customs metrics
	Operations for Logs	8.18	TOP 40 own customs Widgets, Fields & Queries
	Lifecycle	8.18	Multi tenant, Git integration, Certificates, Marketplace
Horizon	Horizon	2312.1 & 2412	IC Win & Linux, Manual Desktop, FC, CP, RDSH App & Desktop, UAGs
	AppVolumes	4.12 & 4.16	Application management & Delivery, Packages & Writable Volumes
	DEM	2312 & 2406	TOP 30 own custom rules , Multi-Language, Profiles, Smart Policies, Help Desk
	Master	Win10,11 & RDS	Optimisation and automation with OSOT Tools, MDT and Packer
	Workspace ONE	2312	TOP 50 own web & virtual apps , Migration tools
Tools AD, DB, Rubrick, VPN, CMDB, IPAM, Simulators & Nested			