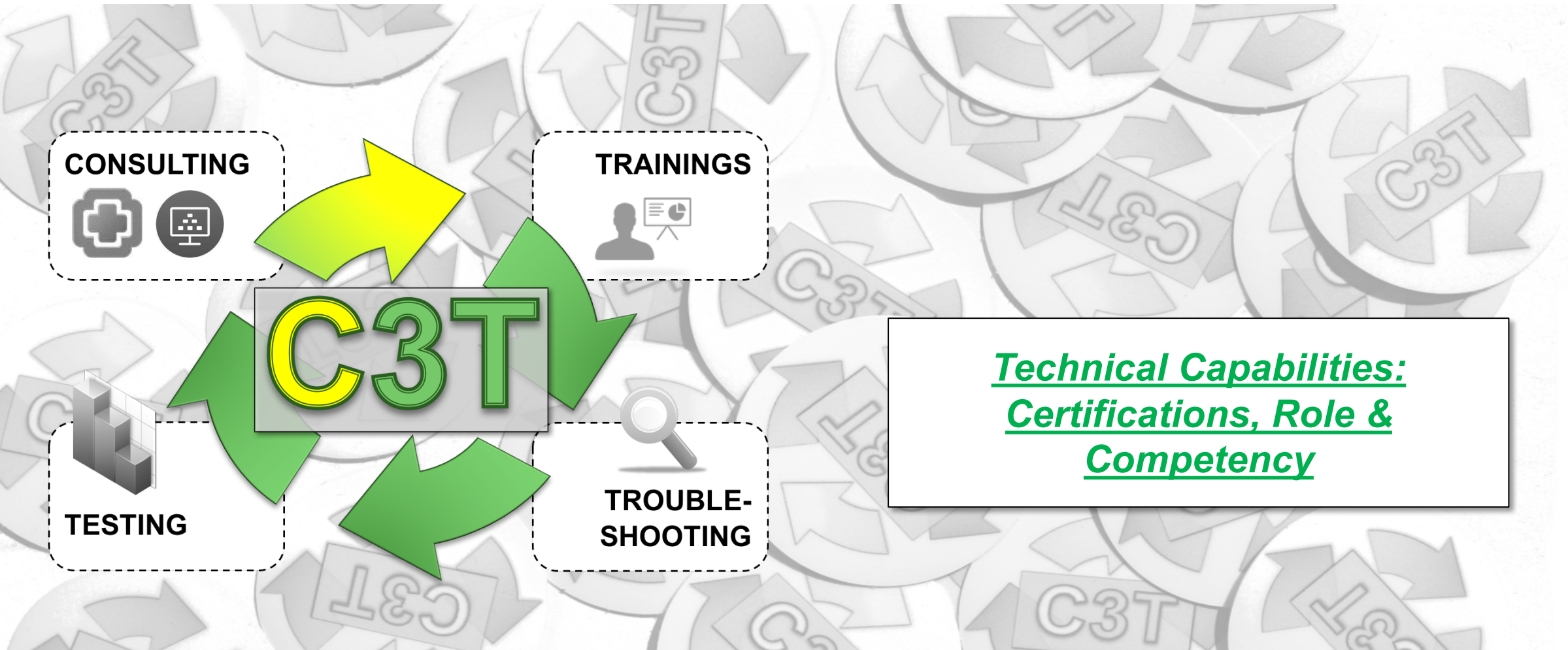


Jean Ulrich & his Team – VMware Consultant & Instructor



My informations & Certifications

Jean Ulrich

- C3T SARL founder based in Nyon, Switzerland
- 42 years old
- Mobile : +41 79 159 78 87
- jean.ulrich@c3t.ch
- c3t.ch/articles
- Speaking: FR / ENG / GER

Experiences

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

VMware certification

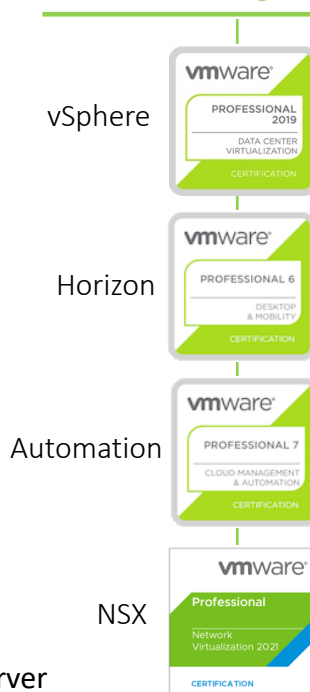
- VMware VCP-DCV v2, v3, v4, v5, v5.5 Delta Exam, v6 & v7
- VMware Certified Instructor v2, v3, v4, v5, v6 & v7, LEVEL 1 & 2
- VMware Certified Advanced Professional v4 (vSphere)
- VMware VCP-DTM v6 (Horizon)
- VMware VCP-Cloud Management v7 (Automation)
- VMware VCP-Network Virtualization 2021 (NSX)
- VMware vRO Livefire MasterClass

Others certifications

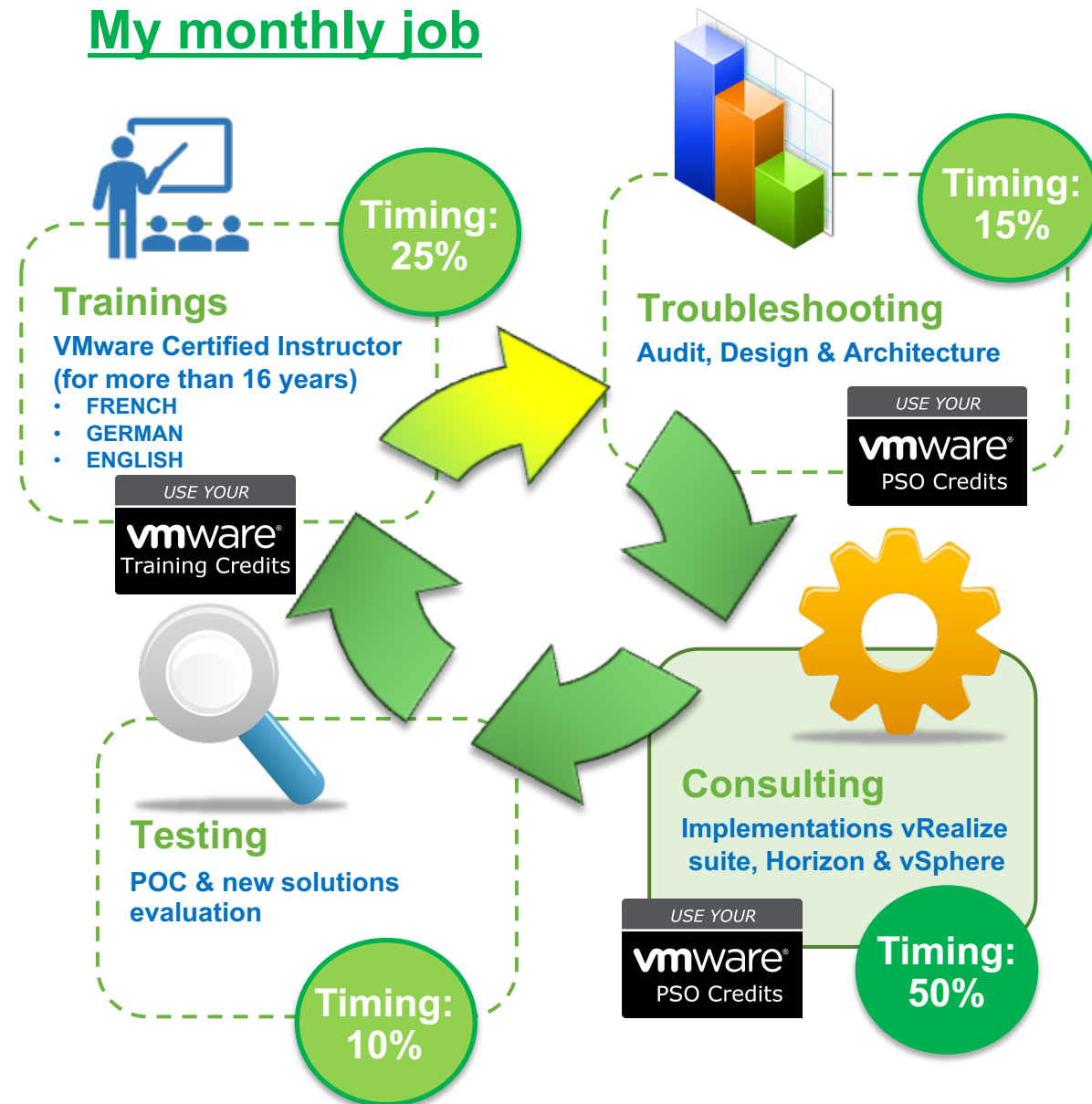
- Veeam VMTSP & VMSP
- NetApp ASAP
- EMC VSE Consolidate Product & Technology
- EMC VSE Backup & Recovery Product & Technology
- Microsoft 070-410: Installing & Configuring Windows Server 2012
- Datacore DCIE & Instructor



4 VCP



My monthly job



Our validation Center

Software

Hardware



Infos	Product	Details
Hardware	Chassis	1x Supermicro MicroBlade 3U
	Servers	7x Supermicro MBI-6118G-T41X
	Switches	2x Supermicro MBM-XEM-02 10GB
Cost	Hardware	40K CHF
Location	Datacenter	SafeHost in Gland (Switzerland),
	Provider	Multiple IP on domain name vcenterlab.com
Tools	Collaboration	Confluence, Office 365

Solution	Version	Version	Contents
vSphere	ESXi & vCenter	7.0U2	Multiple vCenter in Linked Mode, 7 ESXi & > 140 VMs (VSI, VDI & Containers) set as Privat Cloud
	vSAN	7.0U2	Custom Storage policies, vROP custom dashboards, Cloud Native Storage
	Kubernetes	1.20.2	4 Namespaces, Harbor, Tanzu Grid
vRealize	Automation	8.5	TOP 20 own custom Blueprints Day 1&2 , Ansible, AD, Multi-Tenant
	Orchestrator	8.5	TOP 30 own custom Workflow Day 1&2 , vCenter plugin
	Operations	8.5	TOP 30 own customs Dashboards, 15 own customs Alerts , customs metrics
	Log Insight	8.4	TOP 10 own customs
Horizon	Lifecycle	8.4	Multi tenant, Git integration, Certificates, Marketplace
	Horizon	8 & 7.13	IC Win & Linux, Manual Desktop, FC, CP, RDSH App & Desktop, UAG
	AppVolumes	4.0	Application management & delivery
	DEM	9.11	TOP 30 own custom rules , Multi-Language, Profiles, Smart Policies, Help Desk
NSX-T	vIDM	3.3.2	TOP 50 own web & virtual apps , Migration tools
	Manager	3.1.3	TOP 10 Security Group scenarios , Segments, LB, FW, multiple T0 & T1 Gateways
	Network Insight	6.2	Network Analysis, Troubleshooting
Tools	AD, DB, Rubrick, VPN, CMDB, IPAM, Simulators & Nested		
Future	PKS, VCF 4.0, Terraform, Certificates, AWS		



Jean's Competency Matrix



Form	Lab Environment	Workshop	POC	Training & Transfers	Delivery & Consulting	Architecture	Troubleshooting
Level	★ (100)	★ (100)	★★ (200)	★★ (200)	★★★ (300)	★★★ (300)	★★★ (300)
Purpose	Demo / test, new features & functions	Slide presentation with demonstration	Customer env. evaluation	Slide presentation with labs	Customer env. integration	Customer design	Troubleshooting, optimize & Audit
Data Center							
vSphere	✓	✓	✓	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --
vSAN	✓	✓	✓	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --
SRM	✓	✓	✓	✓	✓	✓	✓
Containers	✓	✓	✓	✓		-- NA --	-- NA --
PowerCLI	✓	✓	✓	✓	✓	-- NA --	-- NA --
Desktop & End User Computing							
Horizon	✓	✓	✓	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --
UAG & LB	✓	✓	✓	-- ✓ EXPERT --	-- ✓ EXPERT --	✓	✓
App Volumes	✓	✓	✓	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --
DEM	✓	✓	✓	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --
Workspace ONE Access	✓	✓	✓	✓	✓	✓	
vRealize integration	✓	✓	✓	-- NA --	-- ✓ EXPERT --	-- ✓ EXPERT --	✓
Infrastructure & Operations Management							
vRealize Operations	✓	✓	✓	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --
vRealize Automation	✓	✓	✓	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --	-- ✓ EXPERT --
vRealize Orchestrator	✓	✓	✓	✓	-- ✓ EXPERT --	✓	
vRealize Log Insight	✓	✓	✓	✓	✓	✓	
vRealize LifeCycle	✓	✓	✓	✓	✓	✓	✓
vCloud Director	✓	✓	✓				
Networking & Security							
NSX-T Data Center	✓	✓	✓	✓	✓		
NSX Data Center for vSphere	✓	✓	-- EOL --	-- EOL --			
vRealize Network Insight	✓	✓	✓	✓	✓		
Carbon Black App Control	✓	✓					



Jean's Consulting and troubleshoot. references

Some implementations on vRealize Suite, Horizon Suite & vSphere



Horizon (VDI) in 2016-2021

Banque, Canton & Town in Switzerland

- 4 days in 2016
Horizon 6 / 10 ESXi / 170 vDesktop / vROPS
- 3 days in 2016
3 ESXi / 40 vDesktop
- 4 days in 2017
Horizon 7 with AppVolumes & UEM/ 12 ESXi / 200 vDesktop
- 3 days in 2018
vDesktop Windows 10 / Horizon Upgrade
- 6 days in 2018
Upgrade to Horizon 7,4 with AppVolumes & UEM/ 12 ESXi / 350 vDesktop
- 1 day in 2018
UEM Troubleshooting
- 2 days in 2018
Horizon 7.4 & UEM / 170 vDesktop / vROPS
- 2 days in 2018 / 4 days in 2019 / 2 days in 2020
Horizon 7.4, App Volumes & UEM 120 vDesktop / vROPS / 2 sites
- 3 days in 2019
Horizon 7.7, App Volumes & DEM performances troubleshooting
- 20 days in 2020
Horizon 7.12, App Volumes & DEM / vROPS
- 46 of 70 days in 2020 and 2021
vSphere 6.7 & Horizon 7.13, App Volumes, DEM Master VM

vSphere in 2016-2021

Banque, Industrie & Administration in Switzerland

- 5 days in 2016
4 ESXi / 70 VMs / Migration to vSphere 6
- 3 days in 2016
12 ESXi / 400 VMs
- 1 day in 2016
4 ESXi / 80 VMs
- 1 day in 2017
4 ESXi / 30 VMs
- 2 days in 2018
Architecture audit on 90 ESXi / 2000 VMs. PSC Clustered
- 3 days in 2018
12 ESXi local & 60 ESXi ROBO/ 250 VMs
- 3 days in 2019 & 2020
16 ESXi local & 350 VMs performance Audit & diagnostics
- 3 days in 2020
Upgrade vCenter, 5 ESXi, vSAN & Horizon
- 2 days in 2021
20 ESXi & 350 VMs
Architecture and performance Audit

vRealize Operations, Automation, Orchestrator & Log Insight in 2016-2021
Banque, Canton, Watchmaker industry, Administration, Town in Switzerland & France

- 20 days in 2016
Scope : 4500 VMs/1200 ESXi/Blue Medora NetApp & HP Solution Pack
- 15 days in 2016 & 2017
Scope : 1000 VMs & 2000 vDesktop/80ESXi /Blue Medora NetApp, Cisco UCS & vRealize Log Insight
- 3 days in 2016
Scope : 10 ESXi / 170 vDesktop
- 3 days in 2017
Scope : 70 ESXi / 400 VMs / UCS Cisco Solution Pack
- 10 days in 2017
Scope : 25 ESXi / 400 vDesktop, EMC & UCS Cisco Solution Pack
- 5 days in 2017
Scope : 40 ESXi / 250 vDesktop
- 10 days in 2017 & 2018
Scope 30 ESXi / 300 VMs & 1800 vDesktop
- 3 days in 2018
Scope : 12 ESXi / Horizon with RDSH users on vROPS / Storage & Network Pack
- 3 days in 2018
Scope : 12 ESXi / 200 Horizon VDI
- 4 days in 2019
Scope : 600 VMS / 16 ESXi / vSAN Audit
- 6 of 7 days in 2019 & 2020
Scope : 45 ESXi / 400 VMs / stretched Datacenter
- 7 days in 2019 & 2020
Scope : 75 ESXi / 600 VMs / 6 Clusters / EMC Solution Pack
- 72 days since 2018, 2019, 2020 & 2021
Scope : 1200 VMs / 60 ESXi / 12 Cluster / 1400 vDesktop



Jean's Trainings list

VMware Instructor since more than 15 years
in FRENCH / GERMAN / ENGLISH



USE YOUR

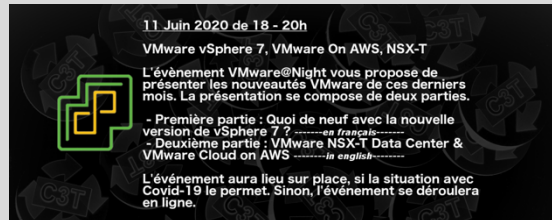
vmware
PSO Credits

Over 15 years of experience in the field of virtualization with more than 400 Official VMware Training in Switzerland, France & Germany since March 2006 . Fundamentally, I can give the complete VMware training portfolio (except NSX and Airwatch product family). This is a short list of my current trainings (training given at least once).

Data Center virtualization

- vSphere: Install, Configure, Manage: v2.5, v3, v3.5, v4, v4.1, v5, v5.1, v5.5, v6, v6.5, v6.7 & v7
- vSphere: What's New v3, v4, v5, v6, v6.5 & v6.7
- vSphere: Fast Track v4, v5, v6, v6.5 & v6.7
- **vSphere: Optimize & Scale v4, v5, v6, v6 & v7**
- **VMware Troubleshooting v4, v5, v6, v6 & v7**
- vSphere: Design Workshop v6
- vCenter Virtual SAN: Deploy and Manage v6.6 & v6.7
- VMware Design (Partner training)
- VMware Skill for Operator
- VMware vSphere with Kubernetes

Events 2020



Desktop and applications virtualization

- Horizon (with View): Install, Configure, Manage v3, 4, 4.5, 4.6, 5, 5.2, 6, 6.1, 6.2, 7, 7.3 & 7.10
- **VMware App Volumes and User Environment Manager on Horizon**
- **VMware Horizon 7: Design Workshop [V7]**
 - VMware Horizon 7: What's New [V6.x to V7.x]
 - Horizon Mirage [V5.0] & Horizon View [V6.0]: Fast Track
 - Horizon Mirage: Install, Configure, Manage v5
 - Application Virtualization with VMware ThinApp

Network virtualization

- VMware NSX-T Data Center: Install, Configure, Manage [V3.0]
- VMware vRealize Network Insight: Install, Configure, Manage [V5.0]

Management and monitoring

- VMware vCenter Site Recovery Manager: Install, Configure, Manage v6 & v6.1
- VMware vCenter Operations Manager: Analyze & Predict v5.X
- **vRealize Operations Manager: Install, Configure, Manage v6.X, v7 & v8**
- **vRealize Automation: Install, Configure, Manage v7.x & v8**
- **Data Center Automation with vRealize Orchestrator and vSphere PowerCLI**
- VMware vRealize Automation: Design and Deploy [V7.6]
- VMware vRealize Operations for Administrators [V7]
- VMware vCloud Director Overview
- vRealize Log Insight Deploy and Manage v4.7
- VMware vRealize Operations and vSAN Integration Workshop



Our team certifications



Jean Ulrich
 Based in Switzerland
 Speaking: **FR / ENG / GER**



Sascha Milic
 Based in Switzerland
 Speaking: **ENG / GER**



Dan Cremar
 Based in Austria
 Speaking: **ENG / ROM**



Olaf Wiegmann
 Based in Germany
 Speaking: **ENG / GER**



SPECIAL
 GUEST

Christophe Decanini
 Based in Switzerland
 Speaking: **FR / ENG**

VMware Employee
 Customer Success
 Engineering vRealize
 Automation and Orchestrator

VCI VMware Certified Instructor
 Teaching

v2-v7, LEVEL 1 & 2

v3-v7, LEVEL 1 & 2

v2-v7, LEVEL 1 & 2

v4-v7, LEVEL 1 & 2

VCAP VMware Certified Advanced Professional
 Design Deploy

VCAP5-DCA

VCAP5-DCA

VCAP4-DCA, VCAP5/6-DCV
 VCIX6-NV, VCIX-NV 2019/2020

VCAP5-DCA
 VCAP5-DCD
 VCAP5-DTA

VCP VMware Certified Professional
 Administration

VCP-DCV v2-v7 (vSphere)
 VCP-DTM v6 (Horizon)
 VCP-Cloud Management v7 (vRA)
 VCP-NV-2021 (NSX-T)

VCP-DCV v3-v7 (vSphere)
 VCP-NV-2020 (NSX-T)
 VCP-Cloud Management v7 (vRA)

VCP-DCV v2-v7 (vSphere)
 VCP6-NV (NSX-V)
 VCP-NV-2019/2020 (NSX-T)
 VCP6-DTM (Horizon)

VCP-DCV v4-v7 (vSphere)
 VCP-NV-2020 (NSX-T)
 VCP6-CMA (vRA)
 VCP-DTM v6 (Horizon)

Others VMware Certification
 Products

vRO Livefire MasterClass

MCP, MCT, vRO Livefire
 MasterClass

VCP-Cloud
 CCNA, Fluke, TycoElectronics

VCA-WM (Workforce Mobility)
 VCA Cloud



4
 vSphere
 Level 2
 Instructors



4
 vRealize
 Automation
 Instructors



4
 NSX-T
 Instructors



3
 vRealize
 Operations
 Instructors



3
 Horizon
 Instructors



3
 vRealize
 Orchestrator
 Instructors



2
 Horizon
 Design
 Instructors



2
 AppVolumes
 & DEM
 Instructors



Our team competencies 2018-2020



Activity in
Switzerland and
France



Activity
throughout
Europe

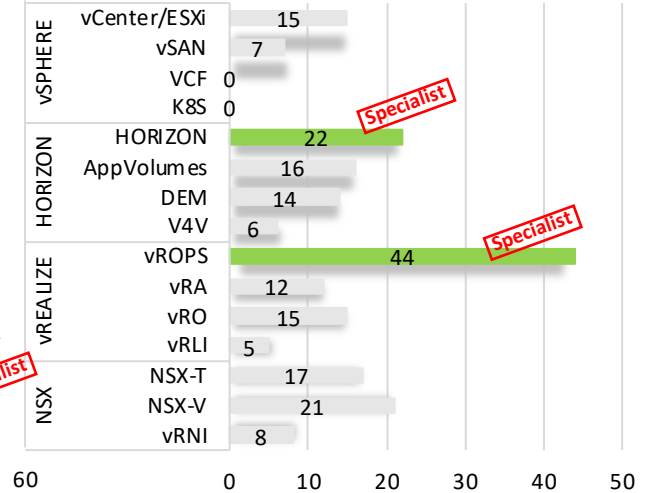
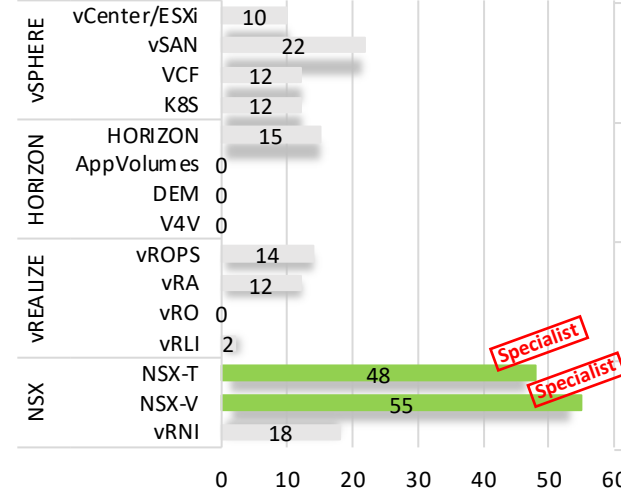
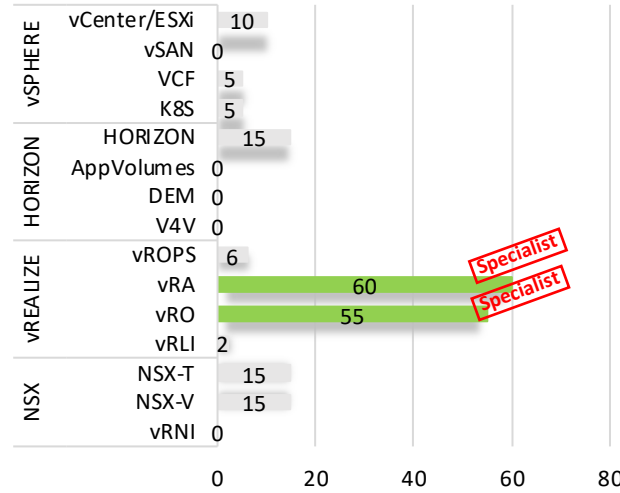
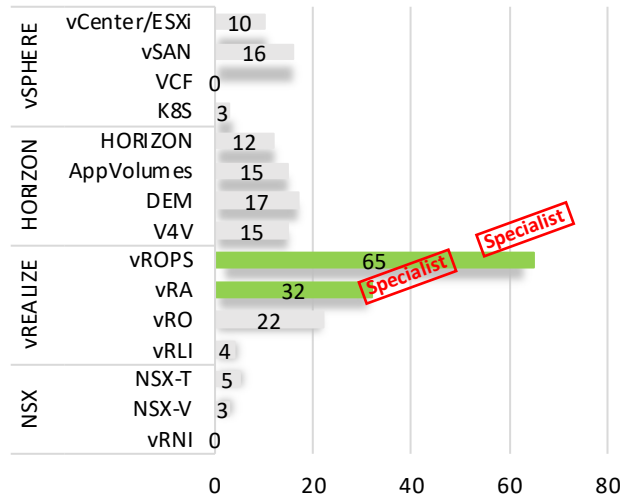


Activity
throughout
Europe

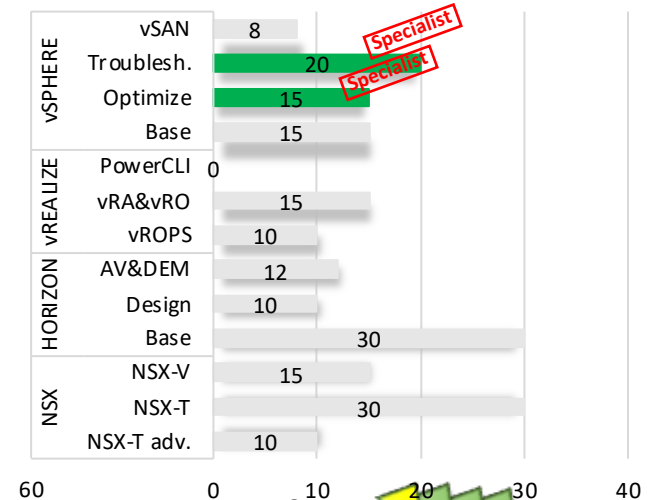
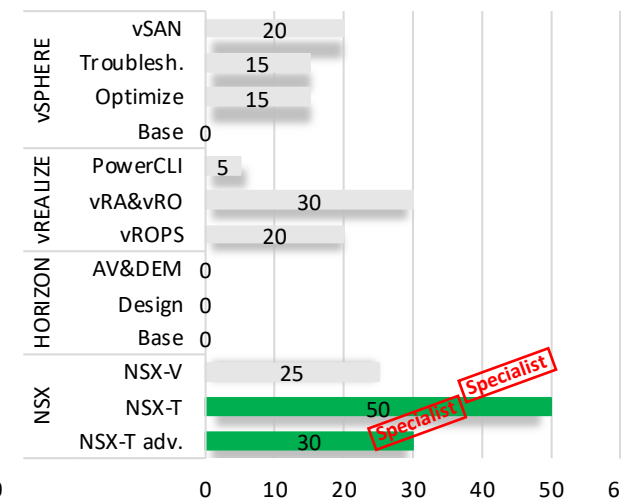
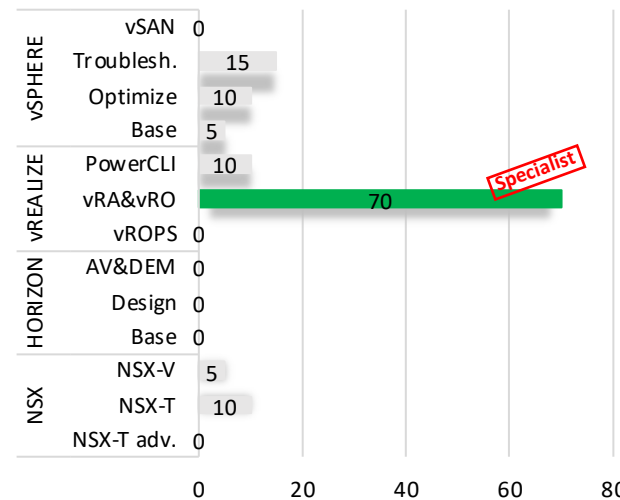
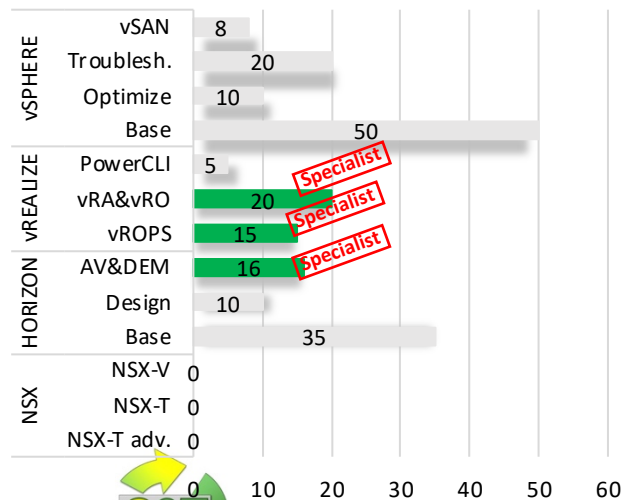


Activity
throughout
CEMEA

Consulting, Audit & POC (last 3 years, in days)



Official VMware Trainings (last 3 years, in days)

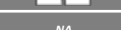


CONSULTING - TRAININGS - TROUBLESHOOTING - TESTING

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Our team Team's Competency Matrix

Form	Lab Environment	Workshop	Training & Transfers	POC	Delivery & Consulting	Architecture	Troubleshooting & Audit
Level	★★	★★	★★★	★★★★	★★★★	★★★★★	★★★★★
Purpose	Demo & test new features	Slide presentation with demonstration	Slide presentation with labs	Customer env. evaluation	Customer env. integration	Customer design	Troubleshooting & Audit
Format	-	Customer / PSO credit	VATC / PSO credit	Customer / PSO credit	Customer / PSO credit	Customer / PSO credit	Customer / PSO credit
<u>VSI</u> - Troubleshooting - Performance - vSAN - PowerCLI - Kubernetes	    	     	     	 -- NA -- -- NA -- 2 -- NA -- 2	 -- NA -- -- NA -- 2 -- NA -- 2	 -- NA -- -- NA -- 2 -- NA -- 2	     
<u>VDI</u> - vRealize integration - Linux vDesktop - UAG - App Volumes - DEM - Workspace ONE (vIDM)	      	      	 -- NA -- 2 2 2 2 2 1	      	      	      	      
<u>Management</u> - vRealize Operations - vRealize Automation - vRealize Orchestrator - vRealize LifeCycle - vRealize Log Insight - vCloud Director	      	      	      	      	      	      	      
<u>Network</u> - NSX-V - NSX-T - vRealize Network Insight	   	   	   	   	   	   	   