

# 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](mailto:jean.ulrich@c3t.ch)
- [c3t.ch/articles](http://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

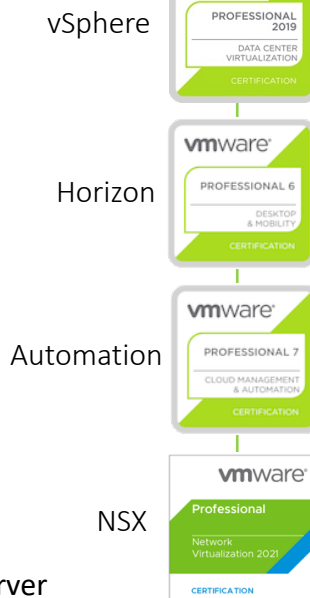
- VMware VCP-DCV v2, v3, v4, v5, v5.5 Delta Exam, v6 & v7
- VMware Certified Instructor v2, v3, v4, v5, v6 & v7, LEVEL 1 & 2
- VMware Certified Advanced Professional v4 (vSphere)
- VMware VCP-DTM v6 (Horizon)
- VMware VCP-Cloud Management v7 (Automation)
- VMware VCP-Network Virtualization 2021 ( NSX)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

## Others certifications

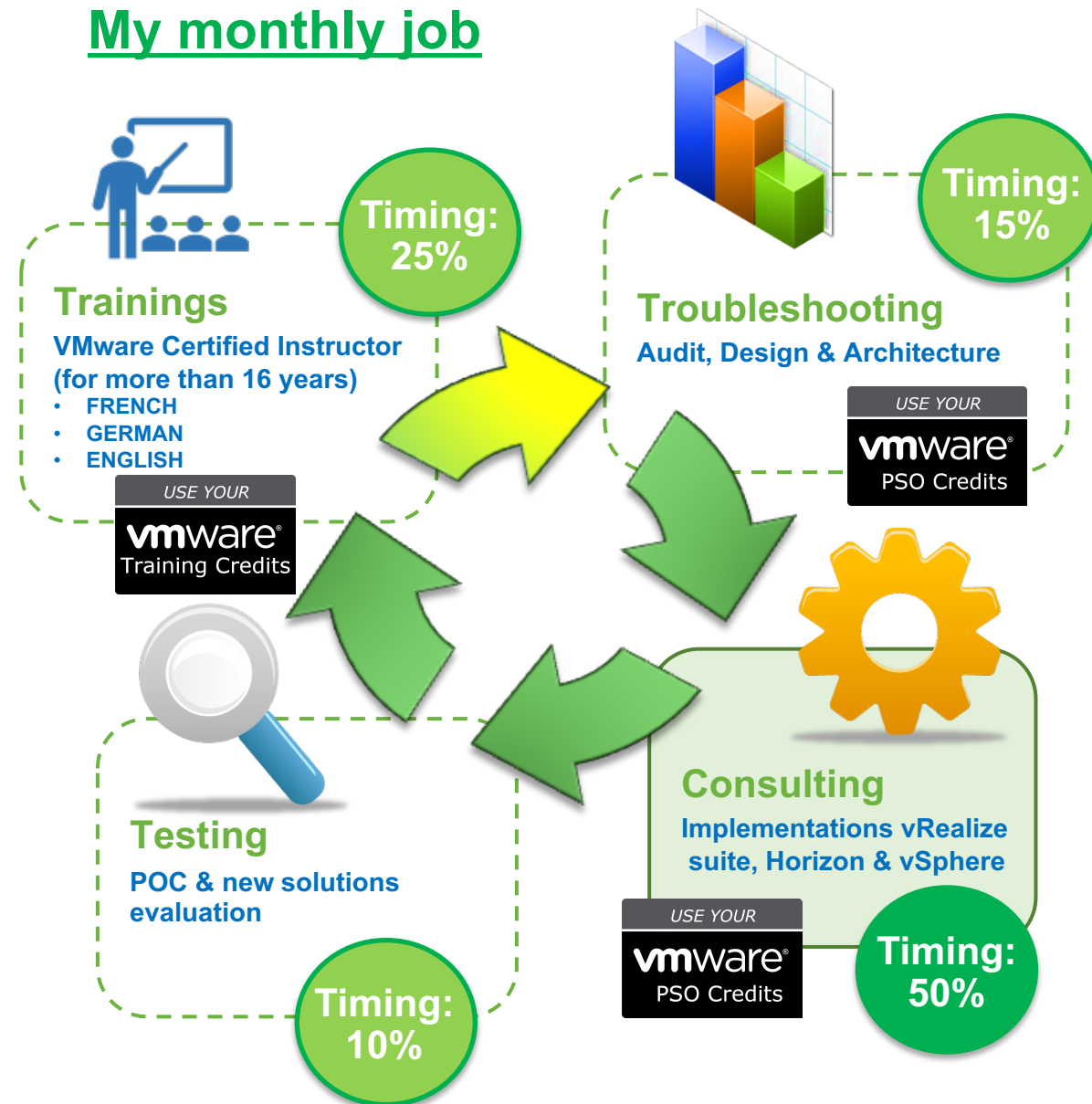
- Veeam VMTSP & VMSP
- NetApp ASAP
- EMC VSE Consolidate Product & Technology
- EMC VSE Backup & Recovery Product & Technology
- Microsoft 070-410: Installing & Configuring Windows Server 2012
- Datacore DCIE & Instructor



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      | <b>TOP 20 own custom Blueprints Day 1&amp;2</b> , Ansible, AD, Multi-Tenant                     |
|          | Orchestrator                                          | 8.5      | <b>TOP 30 own custom Workflow Day 1&amp;2</b> , vCenter plugin                                  |
|          | Operations                                            | 8.5      | <b>TOP 30 own customs Dashboards, 15 own customs Alerts</b> , customs metrics                   |
|          | Log Insight                                           | 8.4      | <b>TOP 10 own customs</b>                                                                       |
| 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     | <b>TOP 30 own custom rules</b> , Multi-Language, Profiles, Smart Policies, Help Desk            |
| NSX-T    | vIDM                                                  | 3.3.2    | <b>TOP 50 own web &amp; virtual apps</b> , Migration tools                                      |
|          | Manager                                               | 3.1.3    | <b>TOP 10 Security Group scenarios</b> , 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

 : Specialty

| Form                                                                                                                                                                                                                                          | Lab Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Workshop                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Training & Transfers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | POC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Delivery & Consulting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Troubleshooting & Audit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Level                                                                                                                                                                                                                                         | ★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purpose                                                                                                                                                                                                                                       | Demo / test, new features & functions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 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><b>VSI</b></u> <ul style="list-style-type: none"> <li>Troubleshooting</li> <li>Performance</li> <li>vSAN</li> <li>PowerCLI</li> <li>Kubernetes</li> </ul>                                                                                  | <br><br><br><br><br>                                                                                               | <br><br><br><br>                                                                                                                                                                                      | <br><br><br><br>                                                                                                 | <br>-- NA --<br>-- NA --<br><br>-- NA --<br>                                                                                                                                                                                                                                           | <br>-- NA --<br>-- NA --<br><br>-- NA --<br>                                                                                                                                                                                                                                                                                                                         | <br>-- NA --<br>-- NA --<br><br>-- NA --<br>                                                                                                                                                                                                                                                                                                                                                                                                                       | <br><br><br>-- NA --<br>                                                                                                                                                                                                                                                                                                                                                        |
| <u><b>VDI</b></u> <ul style="list-style-type: none"> <li>vRealize integration</li> <li>Linux vDesktop</li> <li>UAG</li> <li>App Volumes</li> <li>DEM</li> <li>Workspace ONE (vIDM)</li> </ul>                                                 | <br><br><br><br><br><br>          | <br><br><br><br><br><br>          | <br>-- NA --<br><br><br><br>                                                                                     | <br><br><br><br><br>          | <br><br><br><br><br><br> | <br><br><br><br><br><br>            | <br><br><br><br><br>                                                                                                   |
| <u><b>Management</b></u> <ul style="list-style-type: none"> <li>vRealize Operations</li> <li>vRealize Automation</li> <li>vRealize Orchestrator</li> <li>vRealize LifeCycle</li> <li>vRealize Log Insight</li> <li>vCloud Director</li> </ul> | <br><br><br><br><br><br> | <br><br><br><br><br><br> | <br><br><br><br><br> | <br><br><br><br><br> | <br><br><br><br><br>                                                                               | <br><br><br><br><br><br> | <br><br><br><br><br><br> |
| <u><b>Network</b></u> <ul style="list-style-type: none"> <li>NSX-T</li> <li>NSX-V</li> <li>vRealize Network Insight</li> </ul>                                                                                                                | <br><br><br>                                                                                                                                                                                                                                                                 | <br><br><br>                                                                                                                                                                                                                                                                    | <br><br><br>                                                                                                                                                                                | <br><br><br>                                                                                                                                                                                | <br><br><br>                                                                                                                                                                                                                                                              | <br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

# 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

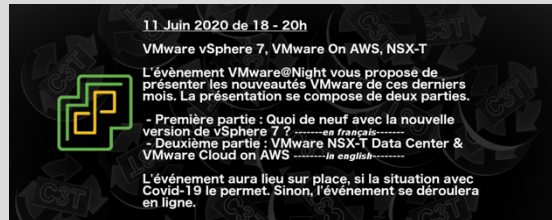
vmware  
PSO Credits

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

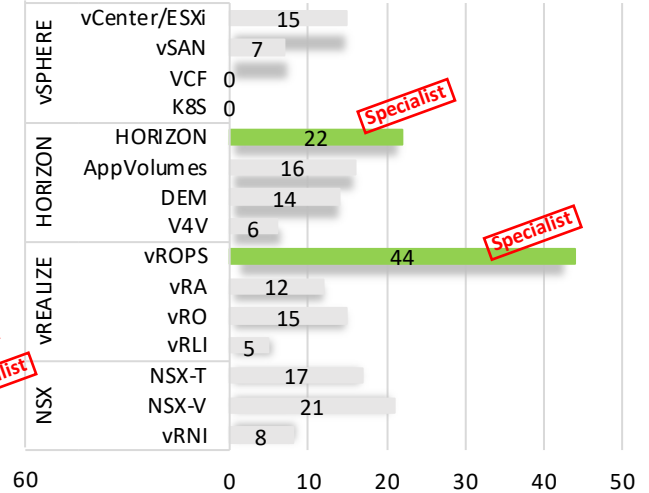
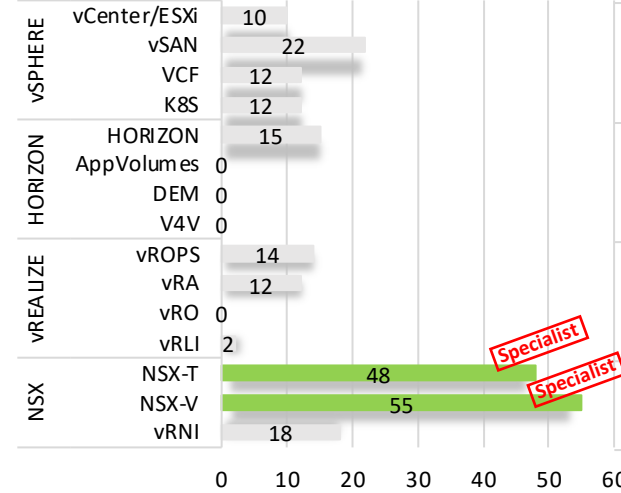
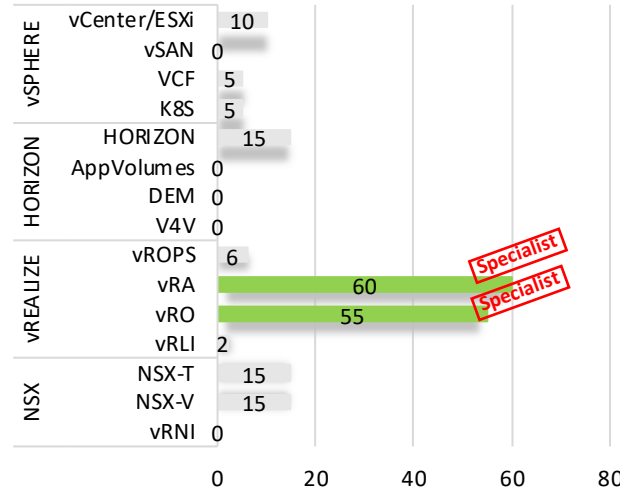
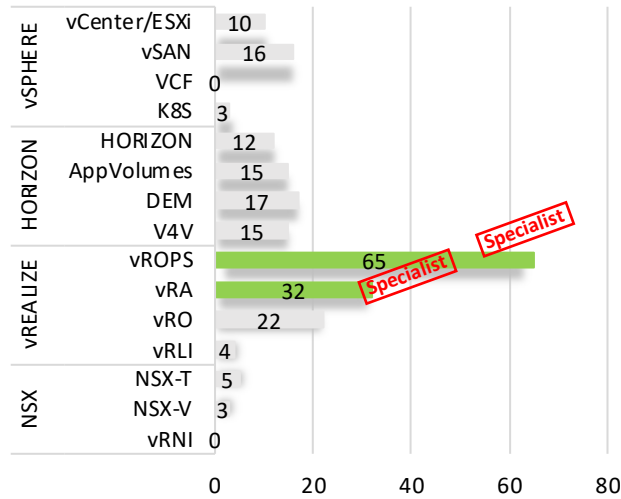


Activity  
throughout  
Europe

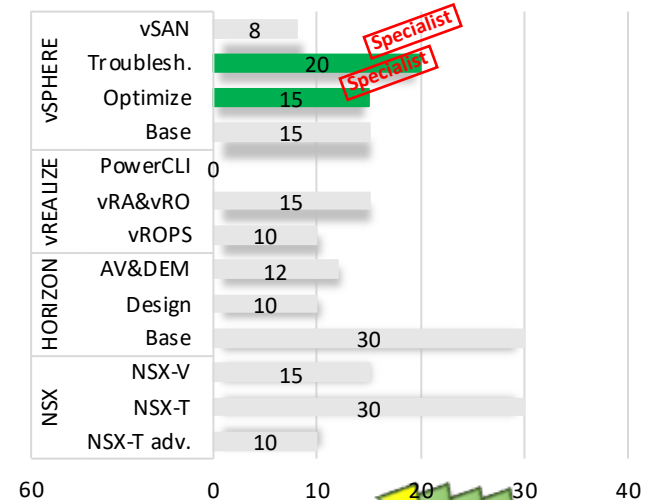
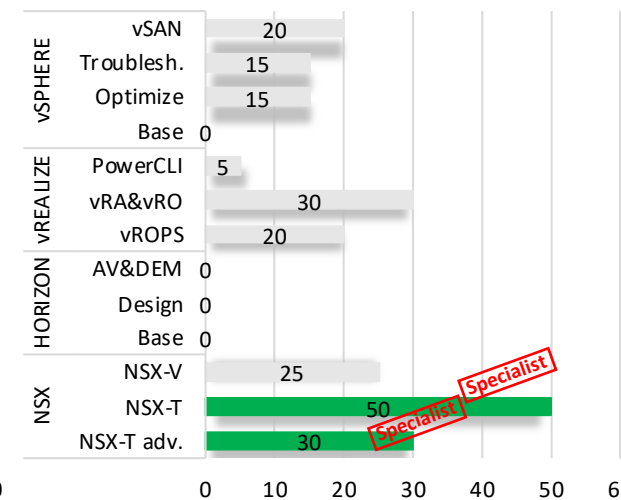
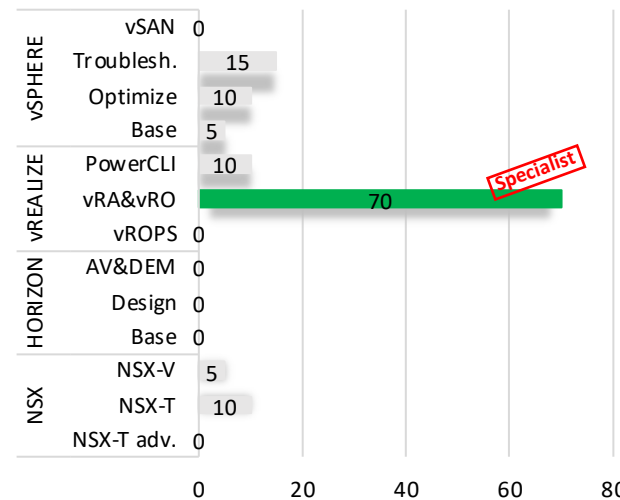
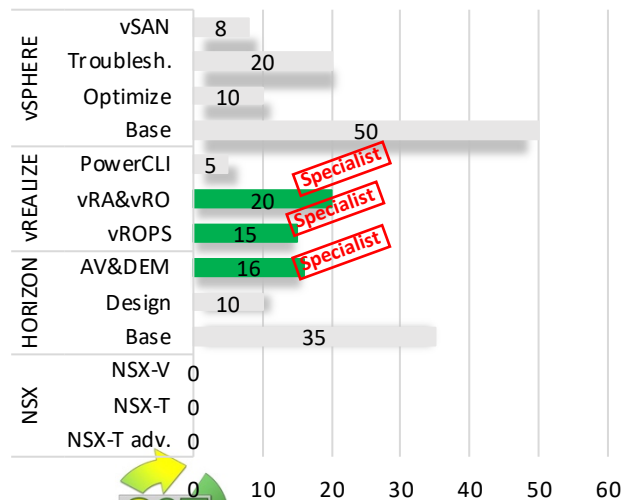


Activity  
throughout  
CEMEA

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



## Official VMware Trainings (last 3 years, in days)



CONSULTING - TRAININGS - TROUBLESHOOTING - TESTING

Page-7



# 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><b>VSI</b></u> <ul style="list-style-type: none"> <li>Troubleshooting</li> <li>Performance</li> <li>vSAN</li> <li>PowerCLI</li> <li>Kubernetes</li> </ul>                                                                                  |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                                               |    |    |    | -- NA --                                                                              | -- NA --                                                                              | -- NA --                                                                              |    |
|                                                                                                                                                                                                                                               |    |    |    | -- NA --                                                                              | -- NA --                                                                              | -- NA --                                                                              |    |
|                                                                                                                                                                                                                                               |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                                               |    |    |    | -- NA --                                                                              | -- NA --                                                                              | -- NA --                                                                              | -- NA --                                                                              |
|                                                                                                                                                                                                                                               |    |    |    |    |    |    |    |
| <u><b>VDI</b></u> <ul style="list-style-type: none"> <li>vRealize integration</li> <li>Linux vDesktop</li> <li>UAG</li> <li>App Volumes</li> <li>DEM</li> <li>Workspace ONE (vIDM)</li> </ul>                                                 |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                                               |    |     | -- NA --                                                                              |    |    |    |    |
|                                                                                                                                                                                                                                               |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                                               |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                                               |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                                               |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                                               |    |     |    |    |    |    |    |
| <u><b>Management</b></u> <ul style="list-style-type: none"> <li>vRealize Operations</li> <li>vRealize Automation</li> <li>vRealize Orchestrator</li> <li>vRealize LifeCycle</li> <li>vRealize Log Insight</li> <li>vCloud Director</li> </ul> |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                                               |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                                               |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                               |  |   |  |  |  |  |  |
|                                                                                                                                                                                                                                               |  |   |  |  |  |  |  |
|                                                                                                                                                                                                                                               |  |   |  |  |  |  |  |
| <u><b>Network</b></u> <ul style="list-style-type: none"> <li>NSX-V</li> <li>NSX-T</li> <li>vRealize Network Insight</li> </ul>                                                                                                                |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                               |  |   |  |  |  |  |  |