# Peter, VCP-Cloud, MCSE, CCNP

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VMware and Data Center experience in RBC and Centennial College.

**SUMMARY:**

* Bachelor's Degree of Computer and Communication Networks
* 10+ years’ experience of TCP/IP, including packet inspection/protocol analysis (Wireshark, Fiddler)
* 5+ years’ experience of SW Defined Data Centre - VMware
* 3+ years’ experience of in programming languages (Python, Javascript, C, C#, PowerShell, PowerCLI, etc.)

**Technologies**

**VMware:** VMware vCenter Converter, ESXi, vSphere PowerCLI, vRealize Operations Manager, VDI, DRS, HA, FT

**Cloud:** Microsoft Azure Cloud, Office 365, VMware vCloud, Amazon Web Services (AWS), OpenStack Private Cloud

**Windows:** Windows Server 2003/2008/2012, Exchange, SharePoint, Hyper-V, Active Directory, Group Policy

**Unix/Linux:** Red Hatt, CentOS, Ubuntu, RPM, yum, apt

**Data Center Technology:** vPC, VDC, VXLAN, NX-OS, SAN, VSAN,NAS, FCoE, iSCSI, NFS, CIFS, LUN, RAID

**Data Center Device:** Cisco UCS 5108/B200 M3 Blade Server/C220 M3 Rack Server/6248UP Fabric Interconnect, Dell PowerEdge R920**,** Cisco Nexus 9396/7009/5548UP/2232 Fabric Extender/1000v, EMC VNX 5200/NetApp FAS2552 Storage System

**Network Technology:** TCP/IP,ARP, STP, VLAN, 802.1Q, HSRP, VRRP, EIGRP**,** OSPF, BGP,MPLS, VRF, DNS, DHCP, HTTP, FTP, Telnet, SSH, VSS, NAT/PAT, IPSEC, SSL, IP Spoofing, Cisco IOS, 802.11a/b/g/n

**Switch:** Cisco Catalyst 6880-X/ 6500/4500-X/3850/3650/2960-X Switch

**Router:** Cisco 800/ASR 1000

**Firewall:** DMZ, VPN, IPS, DDoS, Cisco ASA 5516-X, CheckPoint, Palo Alto

**Load balancer**: F5 LTM/GTM, Citrix Netscaler

**Network Tool:** SolarWinds, Nagios, OpenNMS, Wireshark, Fiddler, Sysinternals Suite

**Certifications**

**VMware**

* VCP-Cloud (VMware Certified Professional Cloud), VMware, Inc.
* VCP5-DT (VMware Certified Professional 5 Desktop), VMware, Inc.
* VCP5-DCV (VMware Certified Professional 5 Data Center Virtualization), VMware, Inc.

**Windows**

* MCSE ( Microsoft Certified Solutions Expert: Windows Server 2012), Microsoft

**Data Center**

* CCNA Data Center (Cisco Certified Network Associate Data Center), Cisco System, Inc
* Cisco Data Center UF Support Specialist, Cisco Systems, Inc.
* Cisco Data Center Unified Computing Design Specialist, Cisco Systems, Inc.
* Cisco Unified Computing Technology Design Specialist, Cisco Systems, Inc.
* Cisco Unified Computing Technology Support Specialist, Cisco Systems, Inc.
* EMCISA (EMC Proven Professional Information Storage Associate), EMC

**Network**

* CCNP (Cisco Certified Networking Professional), Cisco Systems, Inc.
* CCNA Security (Cisco Certified Network Associate Security),Cisco Systems, Inc.

**Developer**

* SCJP (Sun Certified Java Programmer), Sun microsystems

**Telecom**

* Senior Telecom Engineer, China Telecom
* The 21st – Century Elite, China Telecom

**PROFESSIONAL EXPERIENCE:**

**Centennial College, Toronto, Ontario Technical Analyst 2015-2016**

* Responding to network event and incident escalations
* Execution of network and security infrastructure configuration changes
* Performing audits for consistency in Network Management Systems, documentation, and configuration
* Creating/improving support documentation

Project: Design and Implement VMware vCloud

Technology: VMware vCenter/ESXi, Windows Server 2012, Active Directory, GPO, NFS, iSCSI, vPC, VSAN,

Device: Cisco UCS C220 M3 Rack Server, Dell PowerEdge R920**,** Cisco Nexus 7009/5548UP/2232 Fabric Extender/1000v, NetApp FAS2552 Storage, Cisco 800 Router, Cisco Catalyst 6880-X/3850/2960-X Switch

Project: Develop and Deploy Smart IV Web Application in Microsoft Azure Cloud

Technology: Microsoft Azure Cloud, Web App, C, C#, WCF, WPF, Cloud Message for Android and IOS, MySQL

Project: Develop and Deploy Community Exercise Messaging System for Centennial College

Technology: Microsoft Azure Cloud, Web API, JavaScript, Cloud Message for Android and IOS

**RBC Financial Group, Toronto, Ontario Technical Support 2011**

* Responding to network event and incident escalations
* Execution of network and security infrastructure configuration changes
* Performing audits for consistency in Network Management Systems, documentation, and configuration
* Creating/improving support documentation

Project: Deploy Servers in VMware

Technology: VMware vCenter, Windows Server 2008, Active Directory, Group Policy, NAS, NFS, iSCSI, vPC

Device: Cisco UCS 5108/B200 M3 Blade Server/C220 M3 Rack Server**,** Cisco Nexus 7009/5548UP/2232 Fabric Extender/1000v, EMC VNX 5200 Storage, Cisco 800 Router, Cisco Catalyst 6880-X/3850/2960-X Switch

Project: Automate VMware VMs daily report

Technology: VMware vCenter/ESXi, Windows Server 2008, Active Directory, Group Policy, SQL Server, C#

Project: Automate daily report from Oracle BI to SharePoint

Technology: Windows Server 2008, Active Directory, Group Policy, PowerShell, SharePoint, Oracle BI, IIS, C#

**World Service Cargo, Toronto, Ontario Network Administrator 2009**

* Responding to network event and incident escalations
* Execution of network and security infrastructure configuration changes
* Performing audits for consistency in Network Management Systems, documentation, and configuration
* Creating/improving support documentation

Project: Enhance Wireless Network Security.

Technology: OSPF, VLAN, Windows Server 2008, Active Directory, Group Policy, PKI, 802.11a/b/g

Device: Cisco 800/ASR 1000, Cisco Catalyst 6880-X/3850/2960-X Switch

**A2AWeb Solution Inc., Toronto, Ontario Web Developer 2008-2009**

* Maintain Web hosting and develop web applications

Project: Developed Web Application integrated with SQL database

Technologies: Javascript, Python, C#, Windows Server 2008, IIS, SQL Server

**China Telecom, China Senior Network Administrator -2008**

* Responding to network event and incident escalations
* Performing root cause analysis with vendor engineers and escalation teams
* Managing the team's incident/problem/change ticket queues
* Execution of network and security infrastructure configuration changes
* Performing audits for consistency in Network Management Systems, documentation, and configuration
* Creating/improving support documentation
* Ensuring shift reports are documented and kept up-to-date for major network-related outages
* Participating in meetings and training sessions to review and understand new technology and service

Project: Build Telecom Data Center

Technology: BGP, OSPF, VLAN, VMware ESX, Windows/Linux Server, Active Directory, Group Policy

Device: Cisco 800/ASR 1000, Cisco Catalyst 6880-X/3850/2960-X Switch

**EDUCATION:**

* Computer and Communication Networks, Bachelor's Degree, Centennial College 2013-2015
* Computer Systems Technology – Networking , Advanced Diploma, Centennial College 2010-2012