# Peter, VCP-Cloud, MCSE, CCNP

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Network Technical Analyst: VMware and Data Center experience in RBC and Centennial College.

**SUMMARY:**

* Bachelor's Degree of Computer and Communication Networks
* Network Certifications: CCNP R&S, CCNA Security

Data Center Certification: CCNA Data Center (Cisco Certified Network Associate Data Center)

Cisco Data Center UF Support Specialist

Cisco Data Center Unified Computing Design Specialist

Cisco Unified Computing Technology Design Specialist

Cisco Unified Computing Technology Support Specialist

EMCISA (EMC Proven Professional Information Storage Associate)

VMware Certification: VCP-Cloud (VMware Certified Professional Cloud)

VCP5-DT (VMware Certified Professional 5 Desktop)

VCP5-DCV (VMware Certified Professional 5 Data Center Virtualization)

* 10+ years’ experience of the OSI model
* 10+ years’ experience of TCP/IP, including packet inspection/protocol analysis (Wireshark, Fiddler)
* 10+ years’ experience of L2/L3 protocols (ARP, HSRP, VRRP, STP, BGP, VRF, OSPF) in a Cisco environment
* Project experience of Cisco UCS, FCoE, VSAN, VDC, vPC, VXLAN, VMware
* 2+ years’ experience of in programming languages (Python, Javascript, C, C#, PowerShell, PowerCLI, etc.)
* 10+ years’ experience of application protocols such as DNS, DHCP, HTTP, FTP, Telnet, SSH
* 10+ years’ experience of NAT/PAT, IPSEC, SSL, DDoS, IP Spoofing etc.
* Willing to participation in 24 x 7 rotational on-call, evening shifts, as well as Saturday day/night shifts
* Willing to the Guelph and Stratford data centres
* Work experience with the following network and security appliances/vendors:

Load balancers (F5 LTM/GTM, Citrix Netscaler), Firewalls (Nokia Check Point, Palo Alto),

Cisco IOS based routers & switches(Cisco 800/ASR 1000, Cisco Catalyst 6880-X/ 6500/4500-X/3850/3650/2960-X), Cisco NX-OS based routers & switches (Cisco Nexus 9396/7009/5548UP/2232 Fabric Extender/1000v), Working knowledge of Arista, Cisco ONS 15454, Blue Coat ProxySG, FireEye MPS, Arbor Pravail, McAfee IPS

**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 2015.9-2016.3**

* 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: 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

Technologies: 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

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

**RBC Financial Group, Toronto, Ontario Technical Support 2011.1-4, 2011.9-12**

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Project: Deploy Servers in VMware

Technologies: 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

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

Project: Automate daily report from Oracle BI to SharePoint

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

**World Service Cargo, Toronto, Ontario Network Administrator 2009.2-6**

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* Performing root cause analysis with vendor engineers and escalation teams
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Project: Enhance Wireless Network Security.

Technologies: Windows Server 2008, TCP/IP, DNS, DHCP, Active Directory, Group Policy, PKI, 802.11a/b/g

**A2AWeb Solution Inc., Toronto, Ontario Web Developer 2008.11-2009.2**

* 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 Engineer 1998.8-2008.8**

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* Performing root cause analysis with vendor engineers and escalation teams
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* Participating in meetings and training sessions to review and understand new technology and service

Project: Build Telecom Data Center

Technologies: VMware vCenter/ESX, vSphere, Windows/Linux Server, Active Directory, Group Policy, SQL Server

**EDUCATION:**

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