# Peter Charles

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Windows Server Specialist

**SUMMARY:**

* Bachelor's Degree of Computer and Communication Networks,
* Windows Server Certification:
* MCSE (Microsoft Certified Solutions Expert: Windows Server 2012)
* Network Certification:
* CCNP (Cisco Certified Networking Professional), Cisco Systems, Inc.
* CCNA Security (Cisco Certified Network Associate Security), Cisco Systems, Inc.
* Project experience in Windows Server Migration from Windows Server 2003 to 2012.
* 10+ years’ experience in Microsoft Multi Domain Active Directory Services in an Enterprise environment.
* 10+ years’ experience of Windows Networking Services (DNS, DHCP, WINS)
* 10+ years’ experience in setting up group policies, access control, and directory tree and directory replication.
* 10+ years’ experience in with PowerShell in a Windows environment
* 10+ years’ experience in of various Firewalls & VPN technologies
* 5+ years’ experience in Virtualization (Microsoft Hyper-V) - Administration
* Ability to work independently as well as in a team
* Ability to quickly grasp technical concepts, architecture, and processes
* Ability to handle multiple tasks and prioritize
* Strong documentation skills

**Technologies**

**Windows:** Windows Server 2003/2008/2012, Active Directory, Group Policy DHCP, DNS, WINS, Hyper-V,

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

**Network Technology:** DNS, DHCP, HTTP, FTP, NAT/PAT, IPSEC, SSL, IP Spoofing, ARP, STP, VLAN, 802.1Q, HSRP, VRRP, EIGRP**,** OSPF, VRF, Telnet, SSH, VSS, 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,

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

**VMware:** VMware vCenter Converter, ESXi, PowerCLI, vRealize Automation, vRealize Operations Manager, NSX

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

**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

**Certifications**

**Windows Server**

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

**Network**

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

**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.

**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.

**Storage**

* EMCISA (EMC Proven Professional Information Storage Associate), EMC

**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 System Administrator 2015.9-2016.3**

* Troubleshoot, administer and optimize Microsoft Windows servers
* Responsible for installing and maintaining the server systems for all production systems. - Installs, test, upgrade, and configure system files and services to enhance performance.
* Provide support for core server functionality as well as DNS, DHCP, DFS, WINS.
* Perform server implementation including design, procurement, building, installing and supporting new or rebuilding existing servers.
* Administer & support VMware ESXi in a multi-tenant & multi-site private cloud infrastructure
* Administer & support SAN & Fiber Channel Switch infrastructure

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

Technologies: Microsoft Azure Cloud, Windows Server 2012, Active Directory, Group Policy, DNS, DHCP, WINS, Web App, C, C#, WCF, WPF, Cloud Message for Android and IOS, MySQL

Project: Design and Implement VMware vCloud

Technology: Windows Server 2012, Active Directory, Group Policy, DNS, DHCP, WINS, VMware vCenter/ESXi, vRealize Automation, NSX, 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

**ADR (Accurate Data Recovery), Toronto, Ontario System Administrator 2012.1-2015.8**

* Administer & support Windows and Linux
* Administer & support VMware in private cloud infrastructure
* VMware/Windows/Linux Data Recovery

Project Migrate Windows Server 2003 to Windows Server 2012

Technology: Windows Server 2012/2003, Active Directory, FSMO roles, Schema master, Domain naming master, RID master, PDC emulator, Infrastructure master, Group Policy, DNS, DHCP, WINS

Project: Build OpenStack Private Cloud in VMware

Technologies: Windows Server 2012, Linux, Storage, OpenStack, VMware ESXi

**RBC Financial Group, Toronto, Ontario System Administrator 2011.1-4, 2011.9-12**

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* Provide support for core server functionality as well as DNS, DHCP, DFS, WINS.
* Perform server implementation including design, procurement, building, installing and supporting new or rebuilding existing servers.

Project: Deploy Windows Servers in VMware

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

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 Data Center daily report

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

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 System Administrator 2009.2-6**

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* Perform server implementation including design, procurement, building, installing and supporting new or rebuilding existing servers.

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 System Administrator 1998.8-2008.8**

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* Provide support for core server functionality as well as DNS, DHCP, DFS, WINS.
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* Administer & support VMware ESXi in a multi-tenant & multi-site private cloud infrastructure
* Administer & support SAN & Fiber Channel Switch infrastructure

Project: Build Telecom Data Center

Technologies: Windows Server 2003, Active Directory, Group Policy, SQL Server, Linux Server, VMware

Project: Internet service network system Extension

Technologies: Windows Server 2003, DNS, DHCP, FTTB (Fiber to the Building) +LAN, ADSL

Devices: Routers, Switches, Firewall

**EDUCATION:**

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