CURRICULUM VITAE

August 2019

Barry Raphael, VCP 6,5,4 ,3 & MCSE  

SC Cleared - Current

NPPV3 – Police Clearance - Current

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**Q U A L I F I C A T I O N S**

MCSE, VMware Certified Professional (VCP6-DCV). Completed Articles of Clerkship with Chartered Accountants. Self-employed in Great Britain as an IT & Management Consultant. Appointed Commissioner for Oaths by the Department of Justice in 1997. NPPV3 (Non-Police Personnel Vetted – Level 3). SC Cleared (Valid until 2026)

I have excellent interpersonal skills coupled with an analytical mind. I am extremely versatile, self-confident and in excellent health.

**W O R K H I S T O R Y**

***telent Technology Services – Principal Cloud Engineer -January 2018 – July 2019(6 renewals)***

* VMware Design Authority - vSphere 6.5/6.7 SME – DevOps / Continuous Improvement-Development (CI/CD) –Technical Infrastructure Architecture – High & Low Level Designs – PowerCLI / PowerShell Automation – Cisco UCS FlexPod – HPE Synergy – vCloud Director 9 (vCD) - vRealize Business for Cloud – vRealize Operations 7.5 (vROps) – vRealize Log Insight (vRLI) – NSX / VXLAN - REST API – Windows WSUS SCCM & GPO development – Windows Server 2016 / Windows 10 Enterprise LTSB Build Hardening – SQL Server 2016/2014/2012 Optimisation - Microsoft Group Policy development – Symantec Endpoint Protection (Cloud) - Dell Equallogic iSCSI SAN Management – AWS Route 53 DNS Management - Azure Multi-Factor Authentication
* Project Delivery, Service Improvement, Systems/Pre-Sales Engineering
* National Cyber Security Centre (NCSC) Hardening / Center for Internet Security (CIS) Hardening / vSphere Security Hardening (Automation)

***John Lewis Partnership – Lead VMware SME - December 2016 – November 2017 (4 renewals)***

* DevOps / Continuous Improvement-Development (CI/CD) – vRealize Operations - Datacentre (Storage) Migrations (IBM SVC/V7000/PureStorage /M FlashArrays) & Technical Architecture – PowerCLI/PowerShell Automation - HPE C7000 Chassis/Blade Technologies – HPE OneView– VirtualConnect Flex Modules - Splunk vSphere Cluster / Storage Management – VCE vBlock – Jenkins Automation Scheduling – TSM/Spectrum Protect
* Project Delivery, Service Improvement Program, Break-Fix, Disaster Recovery Plans, HP Virtual Connect Domains, System Engineering - Project Management & Delivery.
* Vendor/ Service Management liaison – Bills of Material definition – Purchase Orders/Quotations

***IBM UK Limited (CLS Bank) – Infrastructure Architect - July 2016 to November 2016***

* VMware vSphere 6 – High & Low Level Designs, Build documentation - Network & Storage definition – Veritas InfoScale High Availability – COTS – Hardware specifications – Assist SME’s with Technical Implementations
* Proofs of Concept – Architectural Abstracts
* Systems Engineering Board - Strategic Outsourcing - Financial Services (Settlements)

***Ejetset Consulting Limited – April - June 2016***

* vSphere 6 Laboratory Development – VSAN 6.x implementation / stress & performance testing

***Computer Sciences Corporation (CSC) – Cloud Deployment Consultant – September 2015 to March 2016***

* VCE vBlock (Cisco UCS - Nexus Switches - VNX) – Configuration & Management
* VMware vSphere – Upgrades & Datacentre Migrations / Troubleshooting
* vCloud Director – Configuration & Management
* vShield Edge – Routers / Firewalls – Configuration & Management
* Site Recovery Manager – SRM – Configuration & Management
* Powershell / PowerCLI scripting – Configuration / Automation
* vPE – Configuration & Management
* Checkpoint Firewall Rules & Policy – Configuration & Management
* Windows 2012 / 2008 R2 / RHEL 6 - Build out, Support
* Shavlik Patch Management – Configuration & Management
* RHUI Patch Management for RHEL – Configuration & Management
* VMTurbo – Configuration & Management
* VMware Usage Meter – Configuration & Management
* VMware Data Protect – Configuration & Management
* Coordinate Handovers from Project Phase into BAU Support

Deployment of vBlock components / Private & Public Cloud offerings for CSC CloudCompute / BizCloud / VPE

***Bank of America Merrill Lynch – VMware Consultant – Design & Build – June 2015 to August 2015***

* Project Delivery SME
* vSphere Upgrades – planning and execution
* Datacentre Migrations – planning and execution

***IBM - Technical Architect / Technical Consultant – Subject Matter Expert / IT Specialist / Technical Lead / - VMware and Windows – CRB and SC Cleared – August 2013 to May 2015***

**Technical Lead / Technical Design Authority** – IBM Managed Service Clients

* Project Delivery SME (VMware and Windows)
* Technical Design Authority (TDA)
* Technical Team Lead – VMware vSphere Infrastructure & Horizon View VDI
* Fix-on-Fail 3rd Line Support
* Project Planning / Management and Execution.
* Service Improvement Process (SIP) engagement with special reference in “troubled environments”
* vSphere Design, Delivery and Support (V 3.x / 4.x / 5.x)
* VMware Thinapp Application Packaging
* VMware ViewPlanner Test Harness configuration and processing
* Wyse Terminal / Teradici Console-Firmware Management
* Shavlik Patch Management – Enterprise Deployment
* Splunk Enterprise – Design, Testing and Implementation – Proof of Concept
* Microsoft Cluster / NLB Design and creation
* Microsoft Active Directory specialisation (GPO’s / Security)
* Microsoft SQL Server 2005/2008/2012 Build and DBA
* Microsoft Exchange 2010 Management
* Business Engagement with Stakeholders / Vendors (CIO / CEO) – Presentation and Delivery Proposals
* IBM Hardware Specialist (X Series / B Series / H Series Blade Enclosures)
* IBM Mid-Range Storage Specialist (3000 / 4000 / 5000 / V7000 / XIV)
* McAfee ePolicy Orchestrator – Endpoint Encryption / Antivirus / Device Control
* Strategy Development & Roadmaps
* Statement of Work definitions / Contract Change Amendments / Request for Service
* Technical Disaster Recovery and Business Continuity solutions
* Case Studies for customer interest

***Bank of England - Engineering Team Fabric Services – SC Cleared – January 2013 to July 2013***

**Engineering Server Project Team**

* Technical Engineering Solutions
* Technical Project Planning / Management and Execution.
* Service Improvements – Hardware and Process Management
* Windows 2008 Server / Cluster Delivery – HP C7000 Blade and ProLiant Rack Mounted Servers
* Incident and Change Management in ITIL structured environment
* Microsoft SCOM and SCCM
* Active Directory Group Policy Object Creation/Management
* EMC VMax Storage Provisioning / Storage Failover (SRDF)
* DNS & DHCP Management
* Server Security Hardening
* Process Design

***IBM - Technical Architect / Technical Consultant – Subject Matter Expert / IT Specialist / Technical Lead / - VMware and Windows – Apr 2010 – January 2013 – 7 renewals – CRB Cleared***

**Technical Lead / Technical Design Authority** – IBM Managed Service Clients –

* Project Planning / Management and Execution.
* Service Improvement Process (SIP) engagement with special reference in “troubled environments”
* vSphere Design and Design remediation / Technical Design Authority (TDA).
* Business Engagement with Stakeholders (CIO) – presentation and proposal delivery
* Working with Delivery and Demand Management
* Strategy Development & Roadmaps
* Statement of Work definitions / Contract Change Amendments / Request for Service
* Technical, Disaster Recovery and Business Continuity solutions
* Service Management integration
* Case Studies for customer interest

**IBM - Infrastructure Management** – Fix-on-Fail Backline (3rd/4th) / Projects – IBM Managed Services / Hosting

**IBM - Sainsbury’s BOSS Project**  – Back of Store Service & Environment Recovery – VMware vSphere Design /vCenter (Linked Mode) / Windows Design / Linux Design for all Sainsbury’s Stores nationwide. End-to-end Design, Test & Build

**IBM -Sainsbury’s Strategic Server Project**  – Pre-Sales engagement with Sainsbury's doing Proposals/ Bid-work with Solution Architects / Hardware Specifications / Design. Servers number – 1000's.

**IBM IT Services -**  vSphere Specialist Consultant

***VMware Project Consultant – Virgin Media – Nov 2009 – April 2010 – 2 renewals***

***Northgate IS -3rd Line Technical Support – Sept 2009 – Nov 2009***

***Northgate IS – 3rd Line Technical Support – May 2009 – July 2009***

***T-Systems - Datacentre Change Projects Team – VMware Consultant – June 2008 – January 2009***

***Transport for London (TfL) – VMware Consultant - Core Services Projects Team – February 2008 – June 2008***

***T-Systems and CENTRICA PLC – Server Build / Technical Design Projects Team – Datacentre Change Projects Team – April 2006 to Jan 2008 – 7 contracts / extensions***

***Accenture – 3rd Line Technical Server Support / Security Operations – Feb 2005 to April 2006 – 5 contracts/extensions***

***BT Exact and HP Services – 3rd Line Technical Server Support/ Build – Jan 2004 to Feb 2005 – 3 Contract Extensions***

***Channel 4 Television - IT Engineer – Network Administrator – 3rd/2nd Line Support – July 2000/ Dec 2003***

***Broadway Malyan Architects – IT Support 3rd Line – June/July 2000***

***Chief Financial Officer / Group Financial Manager – Hylton Ross Group of Companies 1997 – 2000***

***IT Director, Financial Manager, Microsource CC 1990 - 1997***

***Audit Supervisor, Fisher Hoffman Stride (PKF Group) 1987 - 1990***

**E D U C A T I O N**

1980 Matriculated from Herzlia High School, Cape Town, South Africa.

1984 – 1988 Served Trainee Accountant Contract

1984 – 1988 University of South Africa

1999 - Microsoft Certified Systems Engineer – MCSE+I

2008 – VMware VCP ESX (V310)

2010 – VMware VCP vSphere (V410)

2011 – VMware VCP vSphere (V510)

2015 – VMware VCP vSphere (VCP550)

2017 – VMware VCP vSphere (VCP610)

**I N T E R E S T S & A C T I V I T I E S**

Golf - past Club Captain

Classic Cars - Motorcycles

Sailing – Skipper / Instructor / Examiner - Royal Cape Yacht Club, Cape Town, South Africa

* Instructor – Good Hope Sailing Academy, Cape Town, South Africa
* Lecturer – Yachtmaster Ocean Services CC, Cape Town, South Africa
* Commercial Skipper – Sailing / Powered Passenger Vessels under 25 tons

**C O M P U T E R S K I L L S**

* vCloud Director / vBlock / VCE
* VMware vSphere / ESX Server 6.x / 5.x / 4.x / 3.x / 3.0.x / 2.5.x
* VMware vCenter 6.x / 5.x / 4.x / 2.5 / 2.0.x / 1.0.x
* PowerShell / PowerCLI (6.5)
* VMware Horizon View (VDI Solutions)
* VMware Thinapp 4.7 / 5.1
* VMware OpenStack Deployment
* Windows 2003 Server
* Windows 2008 Server
* Windows 2012 Server
* Windoiws 2016 Server
* Microsoft Exchange 2010
* Microsoft SQL Server 2005/2008/2012/2016
* Tivoli Storage Manager (TSM 5 + 6)
* Microsoft SCOM & SCCM
* Teradici Management
* Veritas High Availability (Veritas Clustering)
* Mac OS X Server 10.x
* HP System Insight Manager
* IBM Director
* Citrix Metaframe XP / 4.x
* Altiris RDP
* McAfee Anti-Virus / Sophos Anti-Virus / Symantec Anti-Virus
* Propero Proper Deploy connection broker

**R E F E R E E S – All contactable upon request**