

Scott "Brady" MacDonald
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SKILLS SUMMARY

I have 19 years of experience in the IT field mostly in the System Engineering and Architect role in large enterprise environments. I am currently in a Senior System Engineering and support roll with a strong emphasis in business process improvement and liaison with end customers designing solutions for their IT needs.

EXPERIENCE

Banfield Pet Hospital, Portland, OR 7/09- Present

Senior Systems Engineer

- Architecture and deployment of an 8TB PACS solution
- Exchange 2007 administration and upgrade to Exchange 2010
- Blackberry BES server 4.x/5.0.x administration
- Blackberry Enterprise Service 10 (BDS)
- Architected MDM solution (MobileIron) for mobile devices
- Lync 2010 architecture and administration
- SharePoint WSS and 2010
- WSUS/SCCM security patch rollouts
- Terminal Server Gateway deployment for remote workers
- Web Portal administration on clustered front end/backend servers
- VDI - VMWare View
- VMWare administration
- General system administration duties on over 1000 Windows 2003/2008/2012 Servers
- AD and DNS administration

Bonneville Power Administration, Portland, OR 3/09-7/09

Senior Systems Engineer - Contractor CDC Software

- Active Directory/DNS cleanup and optimization
- SAN cleanup and re-architect - consolidation of LUN's, implement thin provisioning, SAN replication over WAN to DR site
- Virtualization of servers (P2V)
- Developed testing methodology to compare Microsoft Hyper-V (Windows 2008 R2) to VMWare ESX/vSphere 4.

Hewlett Packard Company, Vancouver, WA 10/00-3/09

Senior Systems Engineer (team technical lead)

- Lead Windows Server architect for entire US manufacturing and labs/product generation. Part of a global support team.
- Site and regional team lead with yearly budget of around \$250,000.
- Project manager for several IT project rollouts detailed below.
- Architected a Windows SharePoint Portal Server environment. The environment consisted of front end load balanced web servers (Microsoft Network Load Balancing) with a fail over clustered SQL back end and stand-alone indexing server. ISA server 2004 enabled remote VPN access and reverse proxy for users to the SharePoint Portal Server.
- Architected and maintain five production Windows 2003 Active directories and two Windows 2000 Active Directories including group policy implementation.
- Architected and maintain Windows clustered servers using Oracle, MS SQL and IIS along with standard file services.
- IPv6 rollout in a production environment.
- Implemented a DFS infrastructure on a Windows 2003 Enterprise edition server cluster to assure maximum uptime and enterprise wide flexibility of data management while reducing cost. Total data storage space = 25TB
- Deployed a VMWare ESX solution for rapid system availability in a test environment that reduced cost on the amount of hardware based test servers needed for customers.
- Architected and deployed several Citrix solutions using Citrix Metaframe XPE and Presentation server to allow external business customers to collaborate with internal businesses. Environment now being retrofitted on Windows 2008 application server.
- Developed Fibre Channel HP EVA 6000/8100 SAN solution to address the need for increasing disk space on demand and a better backup capability. Also implemented a couple of Left Hand SAN solutions.

- Created automated server build process using Microsoft RIS/WDS to assure rapid server deployment with current service packs and hot fixes built in.
- Cold Fusion Server setup and support.
- Exchange 2003/2007 support.
- Deployed a RRAS VPN solution for external customer access.
- Test and implementation of Windows Server 2008 HPC cluster computing farm for Simulia:Abaqus CAD design.
- Webmaster for admin team's homepage that provides among other things information to local and enterprise wide customers on site server's status and planned outages.
- Head of system security for all Windows server in all labs across the US.
- System monitoring of Windows servers using Microsoft's Operation Manager and HP Openview.

SYSTEMS PROFICIENCY

<p>Server OS's Microsoft 2012 Server, Microsoft 2008 Server (R2), Microsoft 2008 Server HPC, Microsoft Windows 2003 Server (R2), Enterprise Server 2003 (R2), Windows Small Business Server 2000, 2003, and 2008, Microsoft Windows 2000 Server, Advanced Server 2000, NT Enterprise Server, Windows NT 4.0 Server</p>	<p>Workstation OS's Windows 8, Windows 7 Enterprise, Vista Enterprise edition, Windows XP, Professional 2000, Workstation NT 4.0, Windows 95/98, Windows 3.1, DOS</p>
<p>UNIX/Linux Solaris, latest versions of Ubuntu, Red Hat Enterprise, Suse</p>	<p>MacOS 8.x, 9.x, 10.x</p>

Applications

VMWare ESX server, VMWare vSphere 4, HP Openview, HP SIM, Microsoft Terminal Server/RDS, Metaframe Citrix 1.8, XPE, Zen Server, and Presentation server, Blackberry BES 4.5, 5.0, & 10 (EDS), Microsoft Exchange (5.5, 2000, 2003, 2007, 2010), Systems Center Configuration Manager/SMS, SNA Gateway, ISA Server 2000, 2004, and 2006, TMG/UAG, Microsoft Proxy Server, SQL (6.5, 7.0, 2000, 2005, 2008 w/OLAP services), Microsoft Remote Installation Service/Windows Deployment Services, Windows Software Update Server (WSUS), SharePoint 2000-2013, HP Data protector, VERITAS, Tivoli, NetIQ Appmanager, Business Objects, Microsoft Office Pro 97 - Office 2013, Lync Server 2010, Crystal Reports, Visual Studio, Lotus Notes server, Rational ClearCase.

Experience with various scripting/programming languages

Windows PowerShell, PERL, Visual Basic, ASP, Java and C++ scripts, batch scripting, WMI, Cold Fusion

Hardware

Experienced with all x86 32bit and 64bit (including Itanium) server Proliant (and older NetServer) class hardware, HP MSA/EVA/XP SAN, MSL/ESL tape library hardware from HP. Also experience with IBM and Dell server lines. Some NetApp and other SAN hardware experience as well.

EDUCATION

<p>17th Butte Firefighting Academy <i>Butte Junior College, Butte, CA</i></p>	1993
<p>BA/Liberal Studies (emphasis in physical sciences) <i>Fresno State, Fresno, CA</i></p>	1992
<p>AS/Physical Sciences <i>Sierra Junior College, Rocklin, CA</i></p>	1988

CERTIFICATIONS

MCSE certification	Cisco CCNA Certification	ASE certified
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MISC.

Security Clearance – Top Secret/SCI clearance held while in the Navy.

References – Available upon request.