

DAVID W. CHAPMAN JR.

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OBJECTIVE

To assist organizations in their IT needs as a freelance consultant.

PROFICIENCIES

Active Directory	AlertLogic	ASP / ASP.NET	AWS
AWS EC2	AWS Route53	Azure	Azure Active Directory
Azure Application Gateway	Azure Data Factory	Azure SQL	BGP
BIND	C#	CheckMK	CheckPoint
Cisco	Cisco UCS	Citrix XenApp/ XenDesktop	Citrix XenServer
Cloudflare	Commvault	Data Center Migrations	DevOps
DNS	DotNet	ELK / Elastic Stack	F5 BIG-IP
FoxPro	FreeBSD	Git	Golang
Google AdSense	Google Analytics	Google App Engine	Google Cloud
Google G-Suite	Google Search Console	HP Comware	HP Procurve
IP Routing	iSCSI	Kubernetes	Layer 2 Switching
Linux	LogicMonitor	Microsoft Access	Microsoft Certificate Authority
Microsoft IIS	Microsoft Lync (Pre Skype)	Microsoft SQL Server	Microsoft SSIS
MPLS	MySQL	Nimble Storage	Palo Alto
PERL	PHP	Postfix	Postman
Powershell	Rancher	Regular Expressions	Salt Stack
Samba	Sendgrid	Sendmail	SEO
Solaris	Square (CC Processing)	UNIX shell scripting	Veeam
VLAN	VMWare Photon OS	VMWare vCenter	VMware vSphere
Windows Server	Wireshark	WordPress	

EXPERIENCE

Pegasus Solutions Companies

Senior Systems Engineer | September 2016 – Current

- Implement and manage monitoring system using Check_MK (Nagios based) and custom application monitoring scripts. Previously used HP SiteScope and needed to migrate off
- Assisted in Data Center migration from on premise DC to colocation facilities
- Manage and monitor most of the networking infrastructure including CheckPoint firewalls, HP Comware switches, Cisco Nexus switches, Cisco ASA firewalls, Palo Alto firewalls, Meraki Access Points, ASR1001 Edge internet routers using BGP, F5 BIG-IP LTM and ASM.
- Implement and manage Azure IaaS and PaaS environments such as VM hosting, Application Gateways with WAF enabled, Traffic Managers and Network Security Groups
- Write custom monitoring scripts as necessary, typically in perl, awk and homegrown internal language.
- Manage and maintain VMware environment consisting of 3 vSphere 6.X clusters including vCenter and VMware Update Manager.
- Manage and maintain Windows servers ranging from Windows 2003 to 2012 R2 running WSUS, DUO (MFA), password reset tools, MSSQL (Database, Analytics and Integration Services).
- Help maintain backup environment running a mix of Veeam and Commvault with QNAP units as the back-end store
- Help maintain FC SAN running Cisco MDS 9148S switches and Nimble Storage FC SAN.
- Provide backup support for Unix admin (primarily CentOS, RHEL and Solaris 10)
- Provide backup support for Informix DBA primarily limited to upgrading Informix from 32bit to 64bit and adding chunks as necessary
- Lead 2018 client specific Disaster Recovery test project

Woohoo Services Incorporated

Owner | June 2013 – Current

- Side business involving various consulting work for clients on demand.
- Primary author of <https://blog.woohoosvcs.com>
- Primary developer for <https://tools.woohoosvcs.com>

onTop Technology Corp

Chief Information Officer | June 2013 – September 2016

- Built greenfield datacenter out in order to host Cloud services such as Exchange, Lync, vSphere, vCloud.
- Built out technical team consisting of Help Desk Support & Implementation for Managed Services
- Managed technical team of 10-15 combined between Support & Implementation teams
- Defined Change Management policies and procedures
- Oversaw client implementations to ensure smooth deployment by technical lead
- Escalation point for client issues from an executive and technical perspective

Triple Point Technology

Principal IT Analyst | July 2008 – May 2013

- TPT Acquired ROME Corporation
- Assist in migration of office to TPT Houston office
- Managed IT aspect of office consolidation of three London offices into a new office
- Migrated two NT4 domains to corporate Active Directory
- Recommended and assisted in core networking infrastructure upgrade from single non-manageable switches to modular layer 3 switches and IPSEC tunnels over the internet to dedicated MPLS links.

ROME Corporation

Operations Engineer | January 2008 – July 2008

- Maintain 5 Host VMWare ESX Cluster
- Maintain physical network infrastructure for two offices and data center
- Work with users to find applications that increase their productivity and integrate into infrastructure

Petris Technology

Senior Windows Systems Administrator | August 2006 – 2007

- Administer Windows Network of 60-80 servers
- Maintain Active Directory Infrastructure for corporate and satellite offices.
- Maintain corporate infrastructure and propose upgrades to infrastructure to meet the needs caused by rapid growth
- Ensure systems are up to date and patched with all security updates using technologies such as WSUS and Microsoft's Security Audit tool.
- Propose specifications for servers to be purchased

- Maintain and support Citrix Presentation Server farm containing 25-30 applications while working with developers internal and external to Petris.
- Assist Unix administrator with 20-30 Solaris and Linux servers and eventually take over duties. Issues relating to samba, apache, NIS, NFS, user permissions, print problems and other issues running Petris Applications
- Proposed and implemented NIS/NFS to centralize user accounts and storage as well as integrate into Active Directory and Windows file sharing
- Help internal software developers with systems issues
- Provide technical information and assistance to remote offices.
- Maintain VMWare servers by upgrading software and provisioning new virtual machines as well as expanding physical capacity.
- Manage internal networking infrastructure, including core switches and edge VPN devices and firewalls.

Axeous Technologies

Senior Systems Engineer | 2005 – August 2006

- My duties at Axeous are the same as they were at Raintree as it was bought out by Axeous.

Raintree Network Services

Senior Systems Engineer | 2001-2004

- Manage and troubleshoot networking equipment for clients such as Cisco Pix, FreeBSD firewalls, manageable switches (Cisco, HP, 3COM) and routers.
- Monitor manageable network equipment via syslog and their web interfaces
- Setting up manageable switches with VLANS using 802.1Q to split up broadcast domains and optimize network traffic
- Maintain internal network for services provided such as DNS using bind 8.x and 9.x, Web Mail using Apache Web Server and PHP server extensions in conjunction with the Mail server using Postfix 2.1.x and 2.2.x for the Mail Transfer Agent and Courier-IMAP4/POP3 for the Mail Delivery Agent
- Administer Secure Offsite backup servers using DES and Blowfish encryption methods along with compression.
- Administer various client databases such as MySQL, PostGreSQL, MSSQL and Oracle to ensure reliable backups and proper indexing for systems depending on these RDBMS
- Monitored databases for growth, performance and availability and tune accordingly
- Setup and maintain secure tunnels to clients using IPSEC, gif and GRE to allow access to their private networks from our office and between client offices using FreeBSD, DragonFlyBSD and Cisco.

- Setup Network Intrusion Detection using FreeBSD and SNORT for clients.
- Remotely maintain servers and workstations for various clients with support contracts ranging from Windows 98 to Windows XP and Novell 3.x through Windows 2003.
- Work with vendors of clients to help resolve issues, such as their Internet Service Provider and Software Vendors.
- Manage development of custom software for clients.
- Help desk and onsite support for clients for servers and workstations to resolve issues they are experiencing.

Alliance Benefit Group of Houston

Systems Administrator | 1997-2000

- Maintained and administered company network inclusive of 15 workstations and 3 Windows NT 4.0 servers running Exchange and Oracle 7 as well as 1 FreeBSD 3.x firewall.
- Worked with software vendor of data tracking system to keep tracking software and oracle server updated with the latest updates and fixes.
- Wrote custom applications in Microsoft Access and Microsoft FoxPro to assist users in conversion of data from clients into formats compatible with their software.
- Setup and monitored network intrusion detect system to monitor the security of the network via SNORT.
- Ensured all installed software on workstations and servers had the latest updates and fixes

EDUCATION

2004-2006	University of Houston	Houston, TX
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Briefly studied Computer Science and Computer Information Systems

2000-2004	Houston Community College	Houston, TX
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Associates in Science

1999	MTI Co-op course	Houston, TX
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Co-op Network Technician program for one semester to learn about network technologies, server and workstation software as well as troubleshooting and support.

AWARDS AND ACKNOWLEDGEMENTS

- CompTIA A+
- Cisco Certified Network Associate (expired 2001)