Matthew J. Schneider

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- Over 17 years of industry experience – Architecture | Design | Deployment | Sustainable Operations
- Designed, deployed and managed over eighty NetApp storage arrays, multiple VMware environments consisting of three-hundred Cisco UCS ESX hosts and thousands of guest servers running RHEL, Windows and Solaris.
- Experience: VMware, NetApp, EMC, Cisco, Red Hat, Veritas NetBackup, Veritas Cluster Server, Veritas Storage Foundation, Microsoft, Oracle, Hitachi, HP, Dell, SAN/NAS, FC, NFS, SMB, iSCSI, Active Directory, LDAP, DNS, DHCP, MS-SQL, Oracle RAC and Time Series Databases.
- Current industry certifications: NCIE, NCSA, RHCSA.

SKILLS

- Storage – NAS | SAN
- VMware – vCenter | ESXi | NFS & FC Datastores
- Red Hat Enterprise Linux
- Windows Server
- Solaris

- Scripting – Python | PowerShell | BASH
- Networking – Routers | Firewall | Load Balancers
- Automation and Monitoring solutions
- Disaster Recovery and Backup infrastructure design
- Performance Troubleshooting

WORK EXPERIENCE

Senior Storage Engineer *2016 – 2017*

Charter Communications *(acquisition of Bright House Networks and Time Warner Cable)*

- Enterprise Storage Engineer for newly formed Storage Team; consisting of storage engineers from all three companies and hardware from nearly all major enterprise storage vendors.
- Pioneered a project that automatically polls and trends metrics from all Charter storage systems. This project provided a gap fill for much needed capacity trending while funding was procured for a NetApp OnCommand Insight; a $24 million project. Developed Python scripts to poll multiple vendor APIs, forward to an InfluxDB and presented via Grafana dashboards.
- Experienced in workflow design and execution of storage migrations between different storage vendors.
- Deployed storage and virtual infrastructure management and performance monitoring solutions.

Systems Engineer II *2014 – 2016*

Bright House Networks

- Subject Mater Expert for Enterprise Storage. Responsible for over 100 storage systems and 8PB capacity; majority consisting of NetApp storage arrays, cluster mode and 7-mode. At one point, I maintained the largest NetApp cluster mode deployment in Florida.
- Other responsibilities include deployment and operational management of physical and virtual servers and their OS, layer 3-4 network configuration, A10 Load Balancers management, DNS services, AD & LDAP authentication, NTP services, SNMP relays, configuration management via CFEngine and SaltStack.
- Experience using Python and PowerShell to manage VMware, NetApp, MS SQL and Active Directory.

Systems Engineer *2009 – 2014*

Bright House Networks

- Systems engineering and operations generalist and Subject Mater Expert for Enterprise Storage. Supporting multiple VMware environments hosting thousands of servers as well guest OS support and its underlying physical infrastructure.
- Supporting multiple VMware environments containing thousands of server OS client VMs as well guest OS support and its underlying physical infrastructure.
- Designed custom alarm notifications via Python scripting for NetApp storage arrays. By utilizing free software suites from NetApp, I was able to send custom alarm notification to our Zenoss event management platform. This saved countless person-hours by using NetApp OnCommand's built-in recommended thresholds and checks to create/clear events in Zenoss. The alternative would have been to create Zenoss checks manually after interpreting several thousand SNMP fields and performance counters.

Senior Systems Administrator *2005 – 2009*

Bright House Networks

- Designed, deployed and managed a total backup/disaster recovery solution using NetBackup, Sun StorageTek Tape Libraries and NetApp VTLs.
- Trained employees on procedures for offsite storage, Active Directory administration, Exchange administration, server support and desktop support.
- Assisted in designing and deployment of VMware ESX environment on HP blade chasses as well as daily use of it thereafter. Also fully transitioned from FC Datastores to NFS Datastores.
- Experience in administering SAN fabric and storage.

OTHER WORK EXPERIENCE

Systems Support Analyst   *2004 – 2005*
Bright House Networks

Network Administrator / Help Desk Supervisor   *2000 – 2003*
United States Marine Corps, San Diego, CA

EDUCATION

Vendor training	Over the course of my career I have maintained my skillset by attending many vendor specific training sessions, some of which include NetApp, Red Hat, EMC, VMware and Microsoft.
St. Petersburg College	Currently enrolled in classes. Degree desired in Information Technology.
Online/Self-paced studies	Some of the courses I have completed include COURSERA's Python game creation and SOLORLEARN's Python introduction.
U.S. Marine Corps	Specialized training: Leadership, Diversity, Communications, Server Repair, Routers, and Network Administration.
Lakewood High School	
(C.A.T. Center for Advanced Technologies)	Completed classes in BASIC, C, PASCAL, and FORTRAN programming languages, along with normal high school curriculum.