

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, NCDA, RHCSA.

SKILLS

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| • Storage – NAS SAN | • Scripting – Python PowerShell BASH |
| • VMware – vCenter ESXi NFS & FC Datastores | • Networking – Routers Firewall Load Balancers |
| • Red Hat Enterprise Linux | • Automation and Monitoring solutions |
| • Windows Server | • Disaster Recovery and Backup infrastructure design |
| • Solaris | • 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 Matter 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 Matter Expert for Enterprise Storage. Supporting multiple VMware environments hosting thousands of servers 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 chassis 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 Bright House Networks	<i>2004 – 2005</i>
Network Administrator / Help Desk Supervisor United States Marine Corps, San Diego, CA	<i>2000 – 2003</i>

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 Online/Self-paced studies	Currently enrolled in classes. Degree desired in Information Technology. Some of the courses I have completed include COURSERA's Python game creation and SOLOREARN'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.