**Derek Peoples**

Fort Worth, Texas 76131 | (346) 218-5469 | derek@peeps-lab.com

**Professional Experience**

**The Weir Group. Fort Worth, Tx 2020-current**

**Infrastructure Storage Engineer/Backup Engineer**

* Managed enterprise SAN and NAS environments for a large corporation, including Pure Storage, Dell Compellent, NetApp FAS/AFF, and Dell EMC NX Devices.
* Designed and implemented new storage solutions, consolidations, migrations, expansions, upgrades, and refresh projects. Reduced costs by eliminating duplication of platforms.
* Optimized performance by conducting in-depth analysis and tuning of storage systems. Achieved over 90% utilization of available capacity through meticulous planning and provisioning.
* Established backup and recovery systems to protect critical company data. Implemented Veeam and Commvault to back up hundreds of VMs, databases, files shares and other systems.
* Lead recovery efforts of Commvault and T0 infrastructure from configuration files with assistance from Security Operations following a sophisticated Cyber-attack in 2022.
* Created and documented SAN zoning, LUN mapping, CIFS shares, NFS exports, and all other configuration details.
* Successful Cyber recovery of Dell HCI appliance infrastructure following a security incident in 2024, ensuring minimal data loss and rapid service restoration. This required a 2 week high priority trip to our Canadian facility with onsite reinstallation and recovery of SAN and backup installation.
* Successful recovery of locked Dell Compellant SANs from variety of hardware reasons.
* Troubleshot and fixed complex storage problems. Identified root cause through logs and traces.
* Worked closely with application owners, database administrators, virtualization team and other stakeholders to architect storage for optimal performance, redundancy, and ease of management.
* Managed Multiple Windows Server 2012 – 2022 Virtual machines and participated in Monthly Patch Cycle.
* ManageEngine Deployed to assist with patch management

**Oracle Linux Sysadmin**

* Managed production Oracle Linux environment running critical databases and applications for a large enterprise.
* Led OS upgrades, patching, configuration changes, and provisioning of new Oracle Linux servers. Optimized system performance by tuning kernel parameters, file systems, network settings based on workload.
* Engineered disaster recovery systems storage replication and RMAN backups. Tested and implemented DR procedures to achieve RTO/RPO objectives.
* Consolidated Oracle VM Server virtualization onto new powerful servers to increase utilization and simplify management. Migrated VMs with no downtime.
* Provided 24/7 on-call support as part of team rotation. Troubleshot and debugged Linux, network, storage issues to find root cause.
* Worked closely with database administrators on capacity planning, performance tuning, new database deployments, and migrations.
* Ensured security hardening of Linux servers according to corporate policies and industry best practices like CIS benchmarks.

**Pier 1 Imports, Inc., Fort Worth, TX 2018-2020**

**Network Storage Engineer/Infrastructure Engineer**

* Designed, planned, and implemented storage solutions: Unix (HP-UX, AIX, RHEL, SuSEL) Servers (X86, Dell, HP) Consolidation, Storage (EMC, HPE) Consolidation, SAN Fabric (Brocade & Cisco) consolidation, Backup Solution, Data Center Consolidation, DR Solution that resulted in cost savings of over $1 million dollars.
* Performed non-disruptive migration from existing NetApp FAS8020 NAS to Dell/EMC Isilon platform, ~200TB of data moved seamlessly between systems and cutover over a 30-day period.
* Installed and configured new HPE 3par 9450 system and upgraded over the course of its lifecycle, setup synchronous replication between datacenters utilizing FCIP over dark fiber.
* Provided support for a VMware ESX environment with over 1000 VM's included production, test, dev, and across a variety of host platforms.
* Maintained a BCDR environment with over 300 clients including VMware VM level backups and agent-based backups.
* Daily administration of various Linux and Windows systems with regards to storage and backup/recovery.
* Provided estimates for assigned deliverables as directed by leadership.
* Developed, packaged, tested, documented, and implemented quality infrastructure within targeted due dates. Resolved complex infrastructure issues with no guidance.
* Provided system performance, tuning, internals and root cause determination for storage and SAN related systems.
* NetApp FAS3XXXX, FAS8XXX, Administrator for corporate environment.
* Performed non-disruptive migration from old SAN equipment (T800 3par) to new (8450).
* Consolidated and upgraded the SAN cores from mixed 2gb/4gb to new 9710 32gb fabric and eliminated all 1u switches and bottlenecks.
* Collaborated with vendors and suppliers on pricing and deliverables to fit budget time and budget constraints.
* Configured NetBackup storage units (STU).
* Provided tier 1 support for SAN and NAS events. Verified and escalated potential production impacting events to SAN and NAS teams.

**Computex Technology Solutions, Houston TX 2016-2018**

**System Engineer**

* Created storage systems and maintained hardware and software.
* Planned and implemented NetApp storage solutions in live production environments included FAS series and AFF.
* Configured NetApp filers in SAN (FC and iSCSI) and NAS (CIFS and NFS) environments.
* Loaded software and patches relative to NetApp functionality on servers running different OS platforms (Windows, Unix, Linux).
* Coordinated meetings and conference calls with developers and customers to ensure projects stay on track.
* Provided presales recommendation for next-generation backup appliances such as Cohesity and Rubrik, performed field testing and lab environment for customers.
* Performed data center relocations of production arrays with the datacenter team.
* Served as contracted administrator for storage and NAS solutions.

**EMC, Houston TX 2011-2015**

**Customer Engineer**

* Planned, provisioned, and configured and installed hardware and software solutions and provided support for external customers.
* Applied latest EMC technologies in corporate environments.
* Perform effective planning, provisioning, configuration, and installation of hardware and software solutions.
* Ensure system hardware, software systems, and operating systems comply with industry standards.
* Assist the project team through all the phases of development.
* Provided field-level support on a variety of platforms including Clariion, VNX, Greenplum, Atmos, VMAX, and Celerra.

**Technical Training & Certifications**

* EMC Certified Clariion and VNX Specialist
* NetApp Certified Data Administrator, ONTAP
* Veeam Training Conference (2019)
* NetApp Training Conference (2017)
* HPE Training Conference (2017 & 2019)
* RedHat Training RH124 and RH134 (2022/2023)
* RedHat Identity Management and Security Training (2024)