Mahdi SadeghiNasab

Senior Storage, Backup, VMware Engineer

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Professional Summary

I'm a Datacenter Infrastructure Enginner with over 10 years of experience in the storage, backup and virtualization solution. Hence my many years of practical experience made me able to offering storage, backup and virtual solutions for many datacenters with critical mission and huge data capacity. Whenever I'm working in business-critical application mission environment, I give an excellent grasp of how these systems work in real world and allowing me to make solid recommendations for solution. Now, I attempt to have new projects as consultant, design, manage, support or whole rule which I can do as a specialist. I am always interested in and ready to learn new technologies.

Work History

REMIS Co, Tehran   NOV 2012- Present
REMIS is a private company with about 500 staff working in the realm of networking, data center, storage, Linux and oracle administrator which are the main area of activities is designing, Implementation and maintenance of banks and large organizations network and datacenter and also different business lines of the company. REMIS has reached an annual turnover of 30 Million USD within a decade which proves its capabilities in attracting customers and implementing strategic plans to develop the criteria of Informatics community in Iran. As a Storage, Backup and VI Solution Specialist in REMIS I had different responsibilities in different organizations: https://www.remisco.com/

Job Title: Senior Storage|Backup|VMware Engineer

- Responsible for the day-to-day operational aspects of the storage, server and virtual infrastructure environments.
- Actively for monitor and reporting for backup tasks every day.
- Perform Planning, designing and implementing Dell Unity series and VNX series and HPE 3PAR, EVA, MSA series with latest best practice for Oracle Cluster Databases, VMware, Microsoft SQL for specific project.
- Perform and provide designing, building and managing complex and mission critical storage Infrastructure in a large (> 1PB) environment.
- Perform daily Managing, Supporting and monitoring task for improve performance and or troubleshoot on EMC and HPE storage through embedded and third-party tools.
- Performing firmware upgrade on HP 3PAR and SP, Dell Unity, EMC VNX, Unity Series continuously base on bug and improve performance.
- Assist capacity and performance planning with infrastructure assessments for expandability.
- Successfully migration several Oracle cluster databases on HPE and Dell EMC storage through storage-based migration tools like SAN Copy, 3PAR Online Import, Unity replication
- Perform design, implement, configure, support and monitor Dell EMC RecoverPoint for VMs in Fan-Out architecture and VMware SRM Storage Replication.
- Performance tuning and audit backup policies and environments to ensure integrity of backup and recovery activities.
- Expert Proficiency in the following Specialty Storage Solutions: NAS (CIFS, NFS) & SAN (FC, iSCSI)
- Responsible for maintaining and testing disaster recovery for all critical business applications/systems.
- Regularly validates backup data by restore in stage environment for disaster recovery plan.
- Disaster Recovery strategies and scripts involving centralized storage.
- Analyze and resolve the problems and issues of Server, Virtualization and Data Storage Infrastructure components.
- Strong knowledge and good experience with vary enterprise backup and restore software like Commvault, Oracle Secure Backup, Veeam Backup and Replication, SEP Sesam, HP Data Protector, Symantec Netback up and Backup Exec, Acronis.

- Perform design, implement hardware and software application for D2D2T backup and recovery architecture, integrating Commvault V11 CommServ and Media Agent Server with HPE tape library and EMC Data Domain appliance for backup data from Oracle Cluster, Microsoft SQL Cluster databases and VMware cluster servers.
- Perform managing and supporting Commvault backup and recovery environment, by overseeing backup policy, monitoring drive capacity, services, patches, daily check report, installing required agents and maintaining the backup infrastructure to ensure all Service Level Agreements are met.
- Actively managing, supporting and monitoring backup catalog every day to ensure succeed client task for reporting backup statues.
- Plan, design and implement, support, maintain and monitor VMware vSphere with all related components (emphasis on servers and VMware, including vCenter, ESXi, network, storage, and VMware tools) for more than 800+ virtual machines.
- Installation and implement Cisco UCS and HyperFlex with ESXi and deploying vCenter.
- Perform daily Managing, Supporting and monitoring task for improve performance and or troubleshoot on VMware components through embedded and third-party tools.
- Providing administrator daily task as a provision storage resource for Oracle Database (ASM) and VMware ESXi hosts.
- Perform design, implement, management and maintaining with Cisco MDS series and Brocade SAN switches.
- Provide monitoring and reporting Cisco SAN switch by traffic utilization and ports bandwidth.
- Responsible and participates in presentation new technology evaluations, product upgrades, hardware refreshes, and data migrations
- Analyzes and troubleshoots Logical Unit Numbers (LUN) provisioning to ascertain if data is being delivered appropriately to SAN devices and executes prescribed activities and procedures to restore proper provisioning if required. Activities may include adding and/or removing disks, LUN provisioning and LUN management and presentation to Oracle Cluster hosts.
- Adding or removing FRU and sometimes CRU component from storages or servers in failure case.
- Managing, supporting and troubleshooting on HPE Servers like: integrity SuperDome-sx2000, RP, Prolaint BL/DL Series, Synergy.
- Designing and implementing HPE Server variety models for new service in Linux, VMware, Microsoft
- Provide continues tuning and performance optimization of Oracle database and VMware on storage.
- Timely reporting management about storage capacity utilization and performance of business-critical databases and virtualizations.
- Experience of project management techniques including planning, resource allocation, prioritization and escalation
- Provide monthly regular service reports to optimize usage of resource.
- Expert at leading complex multistage projects.
- Followed system development lifecycle methodology.
- Ability to manage all phases of project life: inception, documentation, procurement, deployment, monitoring and administration.
- Developed key documentations and templates in Excel, World and Visio format that were used by various organizations to maintain and troubleshoot their environment.
- Being involved in a project from evaluation, conception and completion.
- Making sure that all the aims of the project are met.
- Analytical skills and team work diplomacy.
- Provide 24x7 on-call or in-site coverage and monitoring system logs and messages.
- Managing and supporting DR site components.
- Perform daily task for DR site document and report.

PADISAR Informatics Inc.   (AUG 2001 – MAY 2011)

Found in 1996, PADISAR Informatics incorporation is an expert groups which runs the information-communication projects in the following general categories: https://www.padiarco.com/

Job Title: Storage and Server Engineer

- Maintain, configure, support and monitor HPE EVA, MSA series.
- Perform daily manage, configure, maintain, supporting and monitoring task for improve performance and or troubleshoot on HP storage through embedded and third-party tools.
- Create Disk Groups with proper RAID level and provide LUNs provisioning and LUN masking for presentation to Hosts.
- Provide and provision LUNs for Microsoft SQL cluster database servers.
- Perform connectivity to SAN switch for presentation LUNs to SQL hosts.
- Actively monitor storage for optimal and improve performance to meet specific customer SLA.
- Responsible for install and configure a HP Prolaint C7000 enclosure include HP Prolaint BL and DL G7 servers and HP EVAs storage.
- Perform Install and configure HP SAN Switches 8/24 and provide connectivity with other SAN components

- Perform SAN installation activities include supporting system's configuration, connectivity setup via connections such as fiber optics and performing proper physical setup, configuration and installation
- Perform configuration and installation a SMA Server (HP DL380 G7) for manage, support and monitor HP EVA storage.
- Create Disk Groups with proper RAID level and provide LUNs provisioning and LUN masking for presentation to Hosts.
- Provide and provision LUNs for VMware vSphere cluster Servers.

Languages:
- Persian - Native Speaker
- English - Advanced

Soft and Hard Skills:
- Storage Solutions: Dell Unity series, EMC VNX block series and HPE 3PAR, EVA, MSA series.
- Virtualization Skills: VMware vSphere, vSAN, SRM, vRA, vRealize, Horizon 8(Full Clone).
  OS & Application: Linux (RHEL, CentOS), Windows Servers, SCO Open Server, Unixware, Oracle Database.
- Replication Solutions: EMC Recoverpoint, VMware SRM, Zerto Replication.
- Storage Network Solutions: Cisco MDS and Brocade SAN Switches.
- Backup and Recovery Software Solutions: Commvault, Veeam, Oracle Secure Backup, Veritas Backup-Exec, HP Data Protector, SEP Sesam.
- Data Protection Appliance: Dell EMC Data Domain, HPE Tape Library, Quantum Scalar.
- Server Solutions: HP Integrity Superdome Servers, RP series, HPE Server Series (DL/BL/ML) & Synergy, Cisco UCS & HyperFlex, SuperMicro, Sun.
- Adaptability, Teamwork, Ability to Work Under Pressure, Communication, Time Management, Active Listening, Problem Solving, Highly Motivated

Personal Info:
- Date of Birth: April 01, 1982
- University Degree: Bachelor of Computer Network Technology
- Gender: Male
- Marital Status: Married

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