

Ali Hamedi

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PROFILE: Senior Storage and Virtualization Architect

Dedicated 20+ years of experience in designing, implementing, and troubleshooting scalable and highly available enterprise infrastructures and Disaster recovery sites (Server/Network virtualization, Storage infrastructures, and Storage Networking)

Expertise in VMware vSphere, VMware Horizon View, VMware NSX-T, VMware VCF, VMware VSAN, VMware vRealize operation, Dell EMC mid-range and enterprise-scale storages, VPLEX, RecoverPoint, and Data Domain, CISCO UCS Servers, MDS9000 series, Nexus 2k/5k, HPE storages, Brocade SAN switches.

Core Competencies:

Systems Infrastructure Design, Implement, Consolidation, Optimization & Virtualization | Data Center Build Out & Migration Backup / Recovery, Storage, Solutions | DR site Implementation.

International Certificates

- Cisco: CCNP(DC), CCNP (ENT), CCNP(R&S), CCNA(DC), CCNA(R&S), CCDP, CCDA, Cisco Certified Specialist-Data Center Core, Cisco Certified Specialist-Enterprise Advanced Infrastructure Implementation, Cisco Certified Specialist-Enterprise Core Cisco Certified Specialist-Enterprise Design, Cisco Certified Specialist-SAN Implementation
- VMWARE: VCP-DCV2022, VCP-DCV2020, VCP6-NV, VCP5-DCV, VCP410
- Dell EMC: Specialist - Implementation Engineer Unity Solutions, Storage Administrator Solutions Specialist (EMCSA), Information Storage Associate (EMCISA)
- IEEE Paper: Failure Prediction Mechanisms in Cluster Systems (HPC BIO 2008)

Trainings and Courses

- Implementing Cisco Application-Centric Infrastructure (Online,2023)
- VMware Cloud Foundation: Planning, Management, Operations [4.3] (Online,2022)
- VMware NSX-T Data Center Troubleshooting Operations (Online,2021)
- VPLEX Management (Online,2020)
- Commvault (Dubai,2017)
- Managing HP 3PAR StoreServ I, II (Dubai,2015)
- Designing Cisco Data Center Unified Fabric (DCUFD) (Turkey,2014)
- EMC VNX Block Storage Deployment and Management (Singapore,2011)
- VMware vSphere: Troubleshooting (Dubai,2010)
- HP Virtual Infrastructure with ESX Server and Virtual Center3: Install and Configure (Dubai,2009)
- Replication Solution for EVA Storage (Dubai,2009)

PROFESSIONAL EXPERIENCE

Virtualization& Storage Architect Consultant 3/2018 – Present

Virtualization& Storage Architect

Designing, Implementing, and optimizing Virtual & Storage Infrastructure

Architecting infrastructure Design/Implement, server integration and virtualization, Storage Planning, Configuration, and Design of DR sites for many enterprise companies (Pasargad Bank, Mellat Bank, Middle East Bank, Melli Bank, Iran Insurance Company, National Iranian Oil Products Distribution Company, ABR AMAD Cloud Provider, Tehran Municipality ICT Organization, Golrang,...)

Selected Achievements & Solutions:

- **Private Cloud:** Planning, design, and implementation VMware VCF 4.4, Integration with vRealize Automation 8. x
- **Network Virtualization Designing and Implementing:** Based on NSX-Tv3
- **Data Center Build Out:** Stood up robust data center business continuity, high availability, and redundancy with VMware and DELL EMC/HPE storage solutions.

- **Converged Network Solutions:** Based on Cisco Nexus 5k/2k, Fabric Interconnect, MDS SAN Directors, UCS B, C series.
- **DR Site Planning:** Based on Storage/network Replication, VMware SRM, Veeam Backup, and Replication
- **Cold Backup Migrations:** Based on Dell EMC Data Domain solution.
- **Redesign Virtual infrastructure:** Based on VMware Vsphere7, Redesign computing, storage, and network resources based on monitoring results (Performance and capacity)
- **Resource Monitoring:** analyze resource monitoring to cover VM requirements, increase host capacity, and cover storage requirements based on VMware vRealize Operations manager/Veeam one monitor.
- **Analyzing& Troubleshooting Performance/Capacity physical/virtual infrastructure:** analyze monitoring results to find resource bottlenecks in physical/virtual infrastructure by calculating and comparing IOPS/capacity requirements and available IOPS/capacity and single point of failure points
- **EMC Troubleshooting and Recovery:** Offline pool/LUN recovery, reimaging VNX Block storage, Data Domain Reimaging
- **Storage Networking Designing and Implementation:** Based on Brocade and MDS SAN topologies in enterprise-scale (Core/Edge), troubleshoot, redesign, and implement live topology migrations.

Remisco

2006 – 3/2018

www.remisco.com

Virtualization& Storage Engineer

Designing and implementing virtual infrastructures, server virtualization, storage, and DR solutions.

Selected Achievements & Solutions:

- Redesign and redeploy SAN infrastructure topologies based on Cisco MDS or Brocade
- Architecting and implementing virtual infrastructure based on VMware solutions.
- Design and deploy storage infrastructure requirements based on EMC or HPE solutions.
- Implementing Unified computing based on Cisco UCS and Nexus switches.
- Architecting and implementation of Active/Active infrastructure based on EMC VPLEX
- Continuous Data Protection Design storage data based on storage or network replication solutions
- Designing Backup solutions based on Dell EMC Data Domain/HPE store once and tape solutions
- As a Technical Project manager in the biggest country projects (Telecommunication, Banks, Government Agencies, insurance)
- Design and configure Nexus 2k/5k VPC and FEX

University Degree

Master of Science in Computer Software Engineering

IUST University

2005-2008

Bachelor of Science in Computer Engineering

Azad University Central Tehran Branch

1997-2003

Instructor Trainer

- VMware NSX-T 3.x Install, configure and Manage
- VMware vSphere 7 Install, Configure, Manage
- VMware vSphere7 Optimize and Scale
- VMware vSphere 6.x install, configure and manage
- VMware6.x Optimize and Scale
- VMware NSX-V 6.4
- VMware Horizon View 7. x
- Unity Deep Dive
- Data Domain Administration
- VNX Block deployment
- EMC Information Storage v4
- Managing HP 3PAR
- Accelerated SAN Essential