

Preetam Cheeli

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Summary

Highly Knowledgeable with 23 years of IT experience and effective Architect/Lead Engineer to conduct server virtualization technology evaluations and deploy virtualization environments. Responsible for designing, implementing and support infrastructure and systems that include dedicated hosting and managed hosting.

Experience

Senior Associate –New York Life Insurance

Feb2021-Present

- Responsible for managing service providers and ensure that enterprise platforms standardized, optimized and highly available. Lead strategic initiatives and build core data platforms for the enterprise.
- Ability to build secure and robust solutions using architecture design principles based on customer requirements. Provide strong leadership with the ability to lead complex projects across a highly matrixed environment. Responsible for bridging the gaps between complex business problems and solutions in the cloud.
- Knowledge in Trusted Advisor, RDS, Cloud Watch, Cloud Trial, EC2 & S3, IAM, Organizations, CloudFormation, VPC etc.,
- Work with vendor on cloud patching for Windows and Linux instances
- AWS Certified Solutions Architect

Senior Solutions Engineer –UnitedHealth Group

Feb2011- Jan2021

- Install BareMetal NSX Edge hosts, deploy Cloud builders, vCenter Servers, SDDC Managers, NSX Managers, Workload domains for private cloud.
- Built a secure enclave to host government applications that require a high level of security to meet very strict regulatory requirements. HP DL 380 G10Clusters for vSphere 6.5 were deployed and built MGMT vCenters, Compute and VDI vCenters. Built ESXi servers using Auto Deploy Powercli scripts, apply Custom Certificates Configuring vCenter HA, VCHA cluster setup (Active, Passive & Witness nodes), Create DRS anti Affinity Rules to keep vCenter HA nodes separate within a cluster. Build Windows 2016 servers for TFTP, vCenter backup and jump servers. Develop and execute in building non prod environment to address performance issues and user issues.
- Implemented 40 Cisco UCS 2.2 Pods by running powercli scripts; built PSC/SSO (Web Client) , vCenter, VUM, SRM and Auto deploy Servers. Deployed Esxi servers using Auto deploy scripts. Configure array based replication using SRM 6.5/5.5. Configure Protection groups and recovery plans for disaster recovery for SRM enabled virtual machines.. Develop, document and improve process and guidelines required to effectively support disaster recovery program. Configured AREP data stores with 8/24/48/72 RTO bands.
- Design, Engineer, build and implement solutions for virtual infrastructure projects and deliver successfully. Datacenter builds with Cisco UCS B200-M3/M4 blades, HP C7000 Enclosures with HP 460, 680c, 620 blades, HP DL380/580 G9,G10, Host profiles; add ESXi hosts into Cisco NEXUS 1000v, and deployed Windows 2012 R2 & 2008 R2 VM's
- Heavy emphasis on VMware ESXi 6.x, 5.5, 5.0, 4.x. Manage virtualization infrastructure with SAN, NAS storage, VM templates and cloning. Support guest OS's (Windows and Linux).Build and configure vCenter Appliances 6.7, 6.5, apply custom certs, configure vCenter HA with Active/Passive/Witness nodes for cloud and commercial projects.

- Collaborate with global operation teams to upgrade products based on stability and bug fixes of hardware and software in US/Ireland/Philippines and India. Facilitate discussions with Optum delivery teams for solving complex business problems related BC/DR processes. Deployed VMs using Jenkins/Terraform and also using VRA automation
- Work with Agile teams (Project Management, Network, SAN and Security) to build the system for successful delivery of all scope and hand over to infrastructure Operations team for steady-state support. Work closely with engineering and service teams to build unique technical skills and best practices to optimize the use of our technology in modern datacenter environments. Follows change management policies and incident management by using Service Now product.
- Perform Capacity Manager Role to participate in supply/demand activities of Capacity Planning management program. Work with architecture and performance team to understand production infrastructure capacity impacts for new projects. Verify Capacity against production and provide recommendations and purchase new hardware to increase capacity.
- Train and mentor on/offshore teams with new technology. Build, configure, deploy and maintain servers running MS Windows Server 2012/2016 & 2019.

Senior VMware Engineer(Consultant - Open Systems) - Comcast July2010-Jan2011

- **Built a datacenter with HP C7000 Enclosures (10) containing 80 HP 490c blades. Implemented Active directory, SQL 2008 R2 and deployed 200 VM's. Designed and implemented vCenter Heartbeat 6.3 on W2K8 R2 Server.**
- Manage large environment of ESXi 4 **(200 hosts and 1800 VM's)** – 4 datacenters with NAS storage, Windows and Linux VM's.. Extensive knowledge of VM Converter, VM templates & cloning. Upgrade ILO firmware and Virtual Connect firmware, upgrade ESXi 4.0 Update2, configure Ethernet networks, server profiles, Uplink ports, networking, add ESXi hosts into DVSwitch & Cisco NEXUS 1000v, configure iSCSI and **NetApp NFS** for storage. Deploy VM's with 4GB memory and 2 CPU's manage four clusters and upgrade memory on each ESX host to 96GB. Configure Jumbo frames **(MTU 9000) using vSphere Management Assistant.**
- Engineer, implement and manage a core VMware virtual infrastructure containing vSphere 4.0 host servers on HP c class servers, utilizing VMware's Vmotion, DRS and HA technologies to provide high availability.
- Develop documentation in support of product selections, certifications, strategies, standards, operational guides and enterprise design packages.
- Planning for supported infrastructure components including capacity, availability and performance related processes. Perform firmware and software upgrades for all hardware components
- Work closely with engineering and service teams to build unique technical skills and best practices to optimize the use of our technology in modern datacenter environments. Evaluate VKernel (Capacity Management Suite)
- Configure group policies on Active Directory. Configure Windows Firewall with proper exceptions for Virtual Center Server, NetApp and database ports. Solve issues related to the deployment and support of VMware technologies. Provide technical documentation, train and mentor team members

VMware Consultant at AT&T Hosting**Jan2009-June2010**

- Install vSphere4, vCenter Server, vSphere Client, vCenter Update Manager and upgrade ESX 3.5 hosts to ESX 4.0 by using Host Update Utility and Update Manager.
- Install vSphere4 on Sun blades and install W2K8 server, SQL 2008 and Virtual Center Server 4.0 on SUN blade 4140 for Cloud Computing Project. Certify vCenter Server 4.0 with heartbeat 5.5 Update 2 on W2K8 Server and SQL 2008
- Installation, configuration of ESX 3.5 update4. Configure HA, DRS, VMotion and Storage VMotion. Deploy Windows 2003 and Windows 2008 VM's via ADS &WDS on ESX Servers. Upgrade Virtual Center Servers 2.5 Update 2 to Update4 and Update5. Upgrade Virtual Center Server 2.5 to vCenter Server 4.0Installed Update Manager Download server on a Web server to down load patch metadata and patch binaries. Configure vCenter Server to connect to Web server as a shared repository to down load patch binaries and metadata. Create baseline group, scan and remediate 3.5 hosts to 4.0.Provide solutions to clients on how to add new ESX 3.5 hosts to the existing cluster and document the process. Provide 3rd/4th level support and resolve ESX server issues for clients.

Dow Jones, Princeton, NJ**Technical Architect****Nov2000-Sep2008**

Responsible for managing the Server/Desktop Engineering technologies, projects in support of End User and Client desktop computing, remote access, automation and virtualization best practices.

- Provided Business Continuity Solution/Disaster Recovery to Dow Jones business unit and deployed more than **150 VMware guest vm's** globally under budget and under timeline.
- Convert Physical machines running windows operating systems to VMware virtual machines. Create VM templates and deploy VM's from templates for server VM's and desktop VM's
- Implemented Cisco ASA 5540 Remote Access devices in US, London, Singapore, Hong Kong and Brussels through change management procedures.
- Managed the efforts focusing on hardware and software vendor relationships, including Dell, IBM and HP, to ensure Dow Jones is utilizing the most efficient platforms and standards
- Architected, designed and configured Windows 2003 Server on DMZ and deployed iPass Client using DM (Device Management) to remote laptops where in clients can use broadband wireless solutions. Created Cisco VPN Client Package and deployed using DM tool over the internet to remote machines.

TECHNOLOGY SKILLS

- **Hardware— Cisco UCS B200-M3/M4 blades, HP C7000 Enclosure, HP 680 G5, 490c G6, 460c G8 blades, HP DL380 G10,G9, G8, HP DL 580,585 and Dell 2950, Dell R900,I R710, RX740, Dell Equal Logic PS 5000, & SUN blades X4140, Hitachi Fiber Channel SAN, EMC Storage**
- AWS –S3, EC2, VPC, IAM, Redshift, Lambda, Athena, Terraform, Ansible, Jenkins
- VMware ESX 7.0, 6.x,5.5, 5..0, 4.1, 4.0 U2, 4, 3.5, 3.5i & Virtual Center 2.5, 4.0, 4.1, 5.x, 6.x
- VMware vRealize Automation Manager 7.3
- VMware Cloud Foundation (vSphere, VSAN, NSX) & HCX
- Configuring Windows 2019,2016,2012, 2008, DNS, DHCP, IIS 7.0, Distributed Virtual Switch, Cisco 1000v

Education

- Honors Post Graduate Diploma in Systems Management
- Bachelor of Science from Ideal Degree College, Andhra University

Certifications

- **AWS Certified Solutions Architect**
- **VMware Certified Professional(VCP) on Cloud**
- **VMware Certified Professional(VCP) on vSphere 5.0, vSphere 4.0, 3.5**