**Srinivas**

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**Vmware Engineer**

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**Professional Summary**

Over 7 years of experience in Windows/Linux and Virtual infrastructure resources, System and Network administration, VMware Configuration & Administration, System Design, Data Center management, Data Center Migration, Implementation & maintenance of highly scalable 24x7 availability solutions.

**Primary Skills**:

* Server Hardware Management (Cisco UCS, HP, Dell)
* Nutanix Hyper Converged Systems
* VMware VSphere 6.X/5.X/4.X
* Windows Server 2012/2008/2003
* Backup and High Availability
* Disaster Recovery
* VMware SRM 6.0
* Oracle VM
* Vblock Implementation
* vShield, vCops, VMware VDI, VMware mirage.
* Incident Management&Change Management
* Veritas Cluster Server
* Windows Troubleshooting
* Knowledge on Active Directory, DNS, DHCP and Patch Management on Microsoft Windows Servers.

**Technical Expertise:**

* **Compute**: Nutanix Dell XC Series – XC630-10, XC730, Nutanix NX-1000, NX-3000, NX-6000Cisco UCS Servers (Blade series and Rack management) HP, IBM, Dell
* **Operating System**: Linux5.x, 6.2 and 6.3, Windows Server 2003/2008/2012
* Virtualization:VMware VSphere 6.0/5.5/5.1, Microsoft Hyper-V, VCD, vShield, vCops, VMware VDI, ThinApp, Mirage, VBlock
* **Backup and Recovery**: CA ARCServe Backup, Veeam, SRM, TSM, Avamar
* **High Availability and Business Continuity Tools**: CA ARCServe Replication and High Availability, Veeam Replication, vSphere Replication, VMware Converter, Double-Take 5.3/6.0
* **Remote Management**: ILO/DRAC/IMM/RIB/OBA/UCSM/Vcenter/Unisphere
* **Office Automation**: MS-Office, IBM Symphony

**PROFESSIONAL EXPERIENCE:**

Sr Systems Consultant,

Silicon Valley Bank – Tempe, AZ April 2017 – Present

Responsibilities:

* Architect and Implemented a Nutanix Hyper Converged solution for a large retail customer on Nutanix Dell XC hardware platform and the hypervisor used was VMware ESXi 6.x
* Configure and manage multiple Nutanix servers using Prism and Prism Central. Upgrade Nutanix Devices without any downtime
* Perform day to day operations on Nutanix devices including working on Nutanix networking, patching and storage
* Migrate data from legacy servers to Nutanix using various tools without downtime
* Architect the Upgrade of VMware environment on Nutanix from 5 to 6.x across 2 DC’s. This involved upgrading Vcenters, upgrading hosts and virtual machines (VM tools and VM hardware upgrades) using VMware Update Manager
* Administering and maintaining 800+ windows servers, 100+ ESX/ESXi hosts, 800+ VMware guest operating systems
* Deployment of servers in Cisco UCS infrastructure, Installation and configuration of Cisco UCS chassis, Blades and service profiles.
* Involved in Operational support for B-Series and C-Series Cisco UCS hardware that runs VMware vSphere 5.1 – 6.
* Maintaining COLO datacenters at remote loactions with third party service provider by effective communication.
* Installing ESXi OS on the Cisco Blades and presenting blades to vCenter.
* Configuring Server ports, Uplink ports, FC ports, Service Profiles, MAC pools, NIC Pools, HBA Pools and Service profile templates in Cisco UCS infrastructure.
* Decommissioned and deployed new Cisco UCS chassis and blades in present and new datacenters
* Managed individual VMs for performance (disk tier, vCPU and vRAM adjustments as needed), new builds and decommissions.
* Performance Tuning and Capacity planning using SolarWinds and VCops.
* Troubleshooting assistance and expertise related to VMware and Cisco UCS environment. Serve as a technical escalation point in support of high risk, complex operational challenges
* Configured VMware on clustered environment and implemented migration of VMs using V-Motion and storage V-Motion using swing LUNs.
* Defined the patch management process for VMware environment and successfully installed the VMware Update Manager.
* Configuring virtual environments for VMware High Availability (HA), vMotion, NIC Teaming, Host Profiles, VLAN tagging and Distributed Resource Scheduler (DRS).
* Installed, configured, and maintained Site Recovery Manager with vSphere replication.
* Strong Understanding of ITIL process Service Desk, Incident Management, Problem Management, Change Management, Configuration Management and Computer Operations IT disciplines.
* Coordination on Problem analysis and providing RCA (Root Cause Analysis).
* Coordination with Cisco, VMware vendor / Service provider for problem resolution.
* Prepare Wintel Run book and collect documentation to be used in the knowledge transfer of all Wintel service.

Environment:Nutanix XC730, Nutanix NX-1000, NX-3000,Cisco UCS B200 M4, UCS 5108 AC2 Chassis, Fabric Interconnect UCS 6296UP, Windows2012 R2, PowerCLI, PowerShell, VMware ESXi 6.0/5.5, ITIL, VMware View 5.x,VMware Site Recovery Manager, VMware Vsphere Replication, SCCM, Solar winds, Hitachi, IBM storage VMware converter, VMotion, System Center Operations Manager (SCOM).

Sr. Systems Engineer/VMware, SUPERVALU, INC.– Boise, Idaho August 2015 – Feb 2017

**Responsibilities:**

* Implemented a Nutanix 3060 solution for a Utility customer. The install involved designing the Nutanix solution for networking, storage and High Availability
* Installed Nutanix NX-3050 Converged Infrastructure platform for a financial customer for their VDI solution and educated the customer on using the Nutanix platform
* Implemented VSAN Solution for a customer as part of their VRealize setup. Part of the team responsible for implementing Out of the Box Vrealize Automation and Vrealize Operations (VRops)
* Configure and perform day to day operations like patching/upgrades of Nutanix and ESXi
* Designed and implemented a 2 site Cisco UCS solution for a financial customer across 4 Domains. There were approximately 100 B series servers used for VMware, Windows etc. The project involved 6332 FI’s, B 200 M4 blades.
* Part of the Level 2 Network support team; troubleshoot Network issues within the MSIT Microsoft domain.
* Migrated Virtual Desktop Infrastructure (VMware Horizon View 5.3 to Horizon view 6.2.2) with 1500+ Windows 7 virtual desktops for a Retailer Client in 2016.
* Virtualizing desktop applications for use in a VDI environment through VMware ThinApp and App Volumes.
* Deployed and decommissioned AIX, Red Hat, and Solaris virtual and physical servers.
* Deploy OVM server pool for load balancing and High Availability.
* Managed and led graphical user interface (GUI) teams for the Veritas Volume Manager, File System, and Veritas Cluster Server.
* Active Directory Administration for 2 Domains spanning 2 Forests containing 40K users.
* Design and maintain network monitoring and alarm management systems using SolarWinds and NetSight tools.
* Worked with Installation of Windows Sever 2012 R2 in a Data Center, Installation of various server roles based on requirement and troubleshooting Web and FTP Server.
* Created Standard and Distributed Switches (DvSwitch) in the vCenter servers for making use of best network design and stability across the vCenter servers.
* Upgraded the UCS environment without downtime from Code 2.x to 3.x
* Build ESXi hosts on HP and Cisco UCS servers (HP BL 460c and CISCO UCS B200 servers).
* As part of Capacity add Project create Service Profiles for new Cisco UCS servers and build ESXi hosts, add ESXi hosts to Vcenter and assign them to the designated clusters.
* Manage Cisco UCS servers usingCisco UCS manager to ensure all the alerts were addressed.
* Deploy OVM server pool for load balancing and High Availability, Creating server pool policy DRS/DPM.
* Install, upgrade, maintenance and performance tuning Redhat Linux / Oracle Enterprise Linux on Physical/Virtual machines.
* Monitoring the VMware Infrastructure through vRealize Operations Manager and troubleshooting Memory, Storage and CPU related issues.
* Implemented a Cisco UCS compute environment for VMware VDI for a financial customer across 2 DC’s involving B 200 M4 blades and 6296 FI’s
* Implemented and managed VMWare vSAN 5.5/6.0
* Working on Incidents related to SCOM agent issues, new monitoring request & tweaking SCOMenvironment.
* Execute large scale Workload migration onto the Vblock Platform using P2V & V2V techniques.
* Experience with Cisco UCS and HP C7000 Blades for ESXi hosts.Worked on TSM tape Management (Backup Activity).
* Replace Memory, CPU, Mother Boards, Blades, Chassis and Fabric Interconnects in Cisco UCS domain and HP blade servers to resolve issues related to hardware failure.
* Experience in upgrading ESXi hosts and VM guests using VMware Update Manager.
* Follow change management principles to ensure all the infrastructure changes were performed with in the specified change management policies.
* Upgrade VSphere 5.1 to 5.5 and 5.5 to 6.0 which includes upgrading VCenter server, ESXi hosts and VUM.
* Upgraded hosts from ESXi 5.5 to ESXI 6.0, ESXi 6.0 U2.
* **Perform Health check analysis** for the entire VMware Infrastructure using the VMware Health Check virtual appliance and other homegrown custom **Powercli**scripts to ensure compliance with VMware best practices guidelines.

**Environment:**Nutanix Dell XC Series – XC630-10, NX-3000, NX-6000, Cisco UCS, VMware VSphere 5.0, ESXi 6.0, 5.5, 5.0 Virtual Center, Vblock, Virtual Infrastructure Client, VMotion,vRealize, VMware ThinApp, clustering, EMC Isilon& NetApp SAN/NAS, VCB, AIX, Vcenter Capacity Planner, Oracle VM, Disaster Recovery &Backup,VMWare HA & DRS, Systems Center Configuration Manager (SCCM), System Center Operations Manager (SCOM).

Systems Engineer, WellCare, Tampa, FL May 2012 – July 2014

**Responsibilities:**

* Build and upgrade the core datacenter infrastructure to VMware VSphere 5.1
* Create service profiles on Cisco UCS for the new 5.1 Vsphere Infrastructure.
* Provided assistance to the VDI team for desktop and application virtualization using Vmware view 4.6 and Vmware.
* Installation, configuration & administration of RHEL 5.x/ 6.x & AIX 5.1/5.2/5.3 servers.
* Installation of power VC server and Installing Virtual center components
* Deploy OVM server pool for load balancing and High Availability
* Installed and configured Horizon UEM 9.0(User Environment manger) and created user and admin file shares to save their personalized settings.
* Created and applied Storage Profile, Host Profile and worked with Standard Switch and DistributedSwitch
* Experience in upgrading ESXi hosts and VM guests using VMware Update Manager.
* Worked on SRM 6.0 SETUP on both protected and recovery site
* Configured SRM site pairing and installing storage replication adapters
* Analyze network traffic and troubleshoot issues for customers that are not able to implement their application due to network connectivity issues.
* Provisioning around 50 VMs a week through vRealize Automation and maintaining them for User Acceptance Testing.
* Systems Integration Business Process Management Enterprise/Distributed Architecture.
* Works with product development teams and senior architects to identify virtualization requirements and creates service specifications for those requirements ensuring hosting principals are applied.
* Created upgrade governance plan to migrate from SharePoint Server 2007 to SharePoint Server 2010 by using database attach approach. Managed upgrading over 100 databases with minimal service interruption to the end-user. Deployed alternate URL to be utilized during upgrade process.
* Migrated SharePoint farms to an enduring site as part of the retrograde process. Consolidated over 200 SharePoint sites by using SQL database detach-attach and data export-import process.
* Day to Day administration of Cisco UCS like alerting, change management, upgrades etc
* Performed migration of Microsoft SCCM 2007 R2 from Windows Server 2003 to Windows Server 2008.
* Used windows **PowerShell** for EventLog retrieves Windows event logs and retrieves access control lists (ACLs).
* Timely update of patches, drivers and firmware's on all ESXi hosts.
* Build, configure and deploy Microsoft Windows 2008, 2008 R2, and 2012 Virtual and Physical servers using Blade logic and MDT.
* Installed, managed and deployed Linux RedHat Enterprise, Ubuntu, CentOS and installation of packages and patches for Red Hat Linux Servers.
* Assist DBA team with install of SQL databases on new builds.
* Assist application teams to install and configure applications on new builds.
* Perform P2V and V2V conversions using VMware Converter and PlateSpin
* Configured **Blade Logic** patching for Windows, Linux and Unix servers.
* Deploy Blade Logic agent to 1,000 servers with Bulk RSCD agent installer in multi domain environments.
* Utilized Blade Logic to deploy **Patrol agent** to server infrastructure Solaris, Linux and Windows 2003 and 2008 64 bit.
* Provide Server administration and technical support for Windows 2008 R2 and 2012 Servers like Guest operating system issues, Disk expansion, adding CPU, increasing VM Memory etc.
* Assist Windows migration team in migrating Windows Server 2003 to Windows server 2008 R2

Systems Engineer (Windows and VMware), Virtusa - India April 2011 – February 2012

Client - The Hartford Insurance Group – Hartford – USA

**Responsibilities:**

* Install and Configure Windows Server 2003 and Windows Server 2008 on Physical and Virtual Environments.
* Responsible for Daily Active Directory Administration and GPO (Group Policy Objects)
* Troubleshoot layers 1, 2, and 3 of the OSI model on a daily basis with customers and partners.
* Experience on configuring datastore to ESXi Server using iSCSI and NFS.
* Excellent knowledge in creating and configuring VMFS and NFS Datastores.
* Working on change requests like add/remove servers, users to SCOM Infrastructure and user profiles respectively.
* Install and configure VMware vSphere including networking and storage configurations.
* Install and configure **VMware Site Recovery Manager** and work with the storage team to implement and test SRM.
* Designing, implementing LAN/WAN configurations on Cisco 5K, catalyst 6500 switches
* Implementation and administration of VMware ESXi 4.x, 5.x, vCenter for running Redhat Linux, windows Servers on Production and Development.
* Perform monthly patching cycles on windows servers using Shavlik and SCCM
* Address Production issues related to windows and VMware environment like Guest operating system, Disk expansion, adding CPU, increasing VM Memory.
* Creating Virtual Machines, updating VMware tools, VMware Hardware, Virtual disk and memory expansion.
* Worked on windows server migrations using Robocopy, EMcopy.
* Plan and test DR Strategies using Double-Take 5.3
* Taking up Escalations and Performing RCA on Escalated issues
* Co-ordinates with Onsite team if manual intervention is required on any hardware related issues.
* Co-ordinates with Storage, network, Application, Change Coordinator teams during DR tests.

Windows System Administrator

Verus Solutions Pvt Ltd – India August 2010–March 2011

**Responsibilities:**

* Install, configure and administration of Windows Server 2008/2003/2000.
* Ensure that Windows Infrastructure is properly monitored and all the incidents were addressed.
* Responsible production support of Active directory (AD), GPO, Domain users, Users and groups and given appropriate permissions, shares and privilege to access LAN and Domain environment.
* Extensive Hands on experience in back office and desktop issue diagnosis and troubleshooting.
* Administered SCCM servers in VMWare ESX virtual server farms and trained personnel on SCCMbest practices.
* Experience with designing, supporting, and administering Active Directory domain services.
* Active Directory Group cleanup by identifying redundant group memberships.
* Experience in administering **Windows 2003 Server** and **Active Directory**
* Responsible for windows systems architecture (including **DNS**, **AD**) in an internal corporate infrastructure, development and production environments.
* Experience in Cisco switches and routers: IP addressing, WAN configurations.
* Created users and groups and allocated different security policies
* Maintained **LAN** and gave support on Layer 1 and Layer 2.
* Maintain File servers, Application Servers and Print Server.
* Patch all the windows servers using Shavlik.
* Update HP Firmware and ProLiant Support Pack for Windows 2000/2003 servers
* Work with HP to ensure all the faulty hardware is replaced as required.
* Managing Incident Queue and ensuring that SLA is met all the times.
* Managing Change requests effectively and ensures all Changes to be performed as per change management guidelines following ITIL best practices.

**Environment:** ESX 5.0 Server, VMware VSphere 5.0**,** Windows Server 2003, VMotion**,**  Microsoft DFS, Active Directory, AIX, DNS, DHCP, TCP/IP, HP/Compaq DL 380 and ML 150 Servers, Cisco Catalyst Switch’s.

**Education**: Bachelor’s degree in Information Technology, 2011 – JNTU, India.