**DEEPAK**

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**Professional Summary:**

* Over 8+ years of experience in administration of VMware products and familiar with installing, configuring , troubleshooting, managing VMware vSphereESXi6.0/5.5/5.1/5.0/4.1, ESX 4.1/4.0/3.5/3.0 platforms and administrating windows servers 2003, 2008 & R2, 2012 & R2.
* Experience with HP servers, CISCO UCS servers and Dell Power Edge Servers.
* Managing the successful migration of critical production and contingency shared data systems from the source servers to the Private Cloud (EMC's Vblock) and Converged and Hyper Converged Infrastructures.
* Design and Implement virtualization solutions based on vCenter server 6.0/5.5/4.0/2.5 and Vblock100/200/300/540/700 series.
* Extensive good knowledge in dealing with VMware Cloud Infrastructure Suite such asPlatform Service Controller , vCloud Automation Center(vCAC), vRealize Automation and vCOPS.
* Experience in working on Cisco Network Switches like Nexus 1000v, N2K, Nexus5K, Nexus7K, and MDS.
* Experience in deploying and maintaining NSX software defined solution using NSX Manager.
* Experience in troubleshooting NSX platform with NSX Controller, NSX Manager and Distributed Logical Routers.
* Experience with enterprise storage systems EMC XtremeIO, VMAX and VNX.
* Extensive knowledge in installing and configuring different versions of Site Recovery Manager which includes 5.0, 5.1, 5.5, 5.8 and 6.0.
* Strong knowledge in performing and maintaining Disaster Recovery (DR) using Site Recovery Manager (SRM) with the help of vSphere Replication and Array Replication.
* Experience in planning failover and failback of protected and recovery sites using Site Recovery Manager.
* Experience in maintaining 99.99% efficiency of running virtual machines on replicated and disaster sites with vSphere Replication and Array Replication.
* Excellent skills in Upgrading ESXi servers using VMware Update Manager (VUM), CLI and DCUI.
* Excellent experience in performing all aspects of VMware vSphereOperations and actions which is essentially required for virtual machines such as vMotion, Storage vMotion, HA, DRS, DPM and advanced features like setting I/O control with MTU parameters of storage and network adapters.
* Experience in configuring switches to maintain network traffic control inside VMware infrastructure with different port groups that provides NIC Teamingand able to maintain VMFS (SAN), NFS (NAS) with the help of iSCSI and Fiber channels.
* Configuring RAID and RAID groups , Storage Pools and thick and thin LUN’s and able to add LUN’s with iSCSI initiator and target
* Expertise in converting P2V and V2V migrations using VMware Converter and PlateSpin in a large environments and knowledge in creating Host profiles and applying them.
* Responsible for day to day administration of Vblock’senvironment using native element managers including vCenter, UCS (Unified Computing System), UIM (Unified Infrastructure Management), Unisphere, Cisco Nexus CLI and DCNM.
* Experience in creating service profiles templates and deploy them on Cisco UCS using Cisco UCS manager (UCSM).
* Experienced in performing administration tasks using PowerCLI and PowerShell scripting using.
* Experience in the Server and Desktop Management (Windows Administration), Support, Analysisand Maintenance.

**Certifications:**

* VMware Certified Professional (**VCP-5**)
* VCE Converged Infrastructure Associate (**VCE-CIA**)
* EMC Storage Administrator (**EMCSA**)
* CCNA Routing & Switching

**Technical skills:**

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| **VMWARE:** | VMware vSphere 6.0,5.x,4.x andESX Server 3.x ,4.x & 5.x ,vCenterServer 3.x, 4.x& 5.x , VM ware Converter 3.0,Site Recovery Manager 5.0, vBlock300/540/700 Series. VMware Converter 3.0, VMware Update Manager, VMware Virtual Desktop Infrastructure VDM 2.0, VMware View, VMware View Composer, Leostream, Thinstall Application Virtualization, vRealize Orchestrator, VMSight, Platespin ,Citrix Xenserver, Hyper-V, and Virtual-pc |
| **APPLICATION**  **SERVERS :** | SQL Server 2000 and 2005, Microsoft Active Directory 2003,2008, DHCP, DNS |
| **BACKUP**  **SOULTIONS:** | VM ware VCB, Symantec NetBackup 6.0, VizioncoreVrangerPro, Acronis- Pro v10 |
| **DESKTOP**  **APPLICATIONS:** | Microsoft Office 2003,2007 & 2010, VM ware Workstation 6 ,9 & 10 |
| **HARDWARE:** | Dell Servers , HP servers & Cisco UCS, Cisco Nexus, EMC XtremeIO, VMAX,VNX WYSE VL10 and VL9, EMC Multi Serial Port Adapter, CDR and CDROM, iSCSI/ SATA Hard drive and Flash drive(SSD), Hubs, Switches, Routing protocols,RIP,RIP2, Cisco ASA Firewalls and Load Balancing |

**Professional Experience:**

**Pepsico, Plano, TX**

**Role: Sr. VMware Engineer. Dec 2014-Till Date**

**Responsibilities**:

* Installed and managed multiple versions of vCenter server and complete virtual infrastructure.
* Involved in setting up new vBlock 340 and Cisco UCS Blade Servers with EMC VNX2 storage.
* Worked on vCloud Automation center to create Business groups, Tenants, Blue Prints and endpoints and also worked partially on vRealize Orchestrator to create workflows.
* Installed ESXi on physical servers and configured them as per requirement, and added them to theclusters.
* Installed and configured ESXi and vSphere suite including vCenter6.0 using both embedded and Platform Service Controller (PSC).
* VNX Block Storage Provisioning and Management including Raid Groups and Traditional LUNs,Pools and Thin LUNs, LUN Migration, FAST VP, FAST Cache, Storage groups, Host Initiator registration.
* Provisioning resource pools for servers, UUIDs, MAC addresses, WWNNs, WWPNs
* Converted several physical servers (both Linux and Windows) to virtual servers using Plate Spin.
* Worked on troubleshooting ESXi 6.0 hosts including DRS Cluster errors with shares, pools, and limits.
* Provisioned LUN’s on the arrays and added them as data stores on several ESXi hosts.
* Experience in monitoring cluster performance, optimize the server environment, diagnose and resolve production issues amongst Data Centers and over servers.
* Managing multiple vCenter Server inventories using VMware vCenter Linked Mode.
* Installed and configured VMware Site Recovery Manager 5.5 (SRM) on multiple sites and created disaster recovery plans.
* Created and maintained failover and failback for the disaster recovery & protected site and migrated two data centers virtual machine to one single other datacenter.
* Involved in upgrading every component of the Vblock and personally responsible for seamlessly upgrading entire vBlock.
* Participating as an active member of the software development lifecycle, through attending new feature requirements reviews and developing leading edge processes to support these new product enhancements.
* Maintained data center environment and monitoring equipment.
* Provided performance metrics, work load status update, and project status updates at biweekly workload tracking meetings.
* Created User Accounts and Groups in Active Directory (AD) as required after gaining required approvals.
* Experience using a formalized change management and incident management process.

**Environment**: VMware ESXi 6.0/5.5 Server, Windows 2003/2008 R2/2012 R2, SQL Server 2000, IIS 6.0/7.0, Dell Power Edge Servers, HP Servers, CISCO blade servers, , Remote Desktop Services, IBM TSM, Microsoft Visual Studio TFS.

**Capital One, Plano, TX**

**Role: VMware/Vblock Consultant. Oct 2012 – Nov2014.**

**Responsibilities**:

* Regularly reviewed firmware levels on Host/Servers, involved in analyzing and implementing OS patches, hot fixes well as updates and performed
* Worked on Site Recovery Manager 5.0 to test and maintain the Disaster Recovery with vSphere Replication and able to deploy virtual appliance analyze proof of concept (POC) according to the organization requirements.
* Experience in configuring Storage Replication Adapters (SRA) according to the hardware requirements.
* Created and maintained disaster recovery on multiple sites with vSphere Replication.
* Upgraded ESXi 5.1 to 5.5 using with VMware Update Manager tool.
* Cloud Infrastructure administration with VMware vCenter, Cisco UCS manger, Unisphere and Cisco Nexus CLI.
* VMAX and VNX storage system implementation and administration in VMware environment.
* Support, troubleshoot and maintain hardware including hosts/servers, storage and related peripherals.
* Created new VLAN’s and port-profiles on Nexus 1000v as per the requirements.
* Maintained and troubleshoot NSX platform with NSX Manger and NSX Controller.
* Installed and Configured ESXi 5.5 On Dell PowerEdge Systems.
* Maintained Network Routing Protocols like SNMP, STP, Multicast, 1/10/40 GB Ethernet.
* VNX Storage Array monitoring and advanced performance analysis using Unisphere Analyzer.
* Daily administration of large-scale VMware and Hyper-V environments.
* Minimal experience on vRealize Orchestrator and cloud infrastructure.
* Ensured coordination/integration with Storage, Network, & Database systems specialists and Worked with IT management to plans and schedules system upgrades.
* Used PowerShell to execute commands/scripts, Installed remote server administration tools using PowerCLI, VBScript scripts.
* Performed health checks, reported and resolved customer issues and maintained 99.99% uptime of the virtual infrastructure.
* Implemented the concept of Windows Clustering on the servers having critical applications running on it.
* Performed routine maintenance on VMware environment such as vCenter upgrades, firmware upgrades, Patching, and HBA updates.
* Experience maintaining business continuity using snapshot backup technology in a virtualized environment.
* Provide daily support for the environment. Assist in all Data Center migration efforts; worked on SAN storage for Host Prep on Server, Configuring shared LUN's, Expanding and Shrinking of hard disk.
* Coordinate with specialized technical teams to provide support to ensure environment health.
* Monitoring ITIL environments such as change/ incident Management, Create and monitor RFC up to closure, Reviews all implemented changes to ensure that they have met their objectives; refers back any that have been backed out.
* Designed SOP and maintained proper documentation, closely work with program managers to ensure timely delivery of expected deliverable.

**Environment**:Windows 2000/2003/2008 R2, SMS, SQL Server 2005/2000, IIS 6.0/7.0, VMware ESXi 5.5/5.1 Server, Dell Power Edge Servers, CISCO UCS blade servers, HP Servers

**Salesforce, San Fransisco, CA**

**Role: Sr. VMware Consultant Feb 2011-Sep 2012**

**Responsibilities**:

* Managed operations and implementation of a large scale VMware based virtualization environment comprising of 6 Linked mode vCenter servers, 10 vDatacenters, 72 HA/DRS clusters, 1500 ESX/ESXi hosts and more than 11,000 VM’s.
* Performance tuning of ESX hosts and Guest OS on VMs.
* EMC VNX based Storage Provisioning and Administration using Navisphere.
* Proof of Concept for VMware on Cisco Unified Computing Systems.
* Building HP DL380/580G Servers for VMware deployments.
* Responsible for ESX server deployments, system updates/upgrades, system health and statusmonitoring.
* Creating LUNs, Storage groups, Raid groups and Pools in VNX and VMAX arrays.
* Performed zoning on MDS fiber channel switch for connectivity between VNX arrays and Cisco UCS blades.
* Implementing Change requests for different configuration changes within the virtual infrastructure.
* Performing production wide live VM networking migration from Standard Virtual Switches to Distributed Virtual Switch.
* Executing large scale live VM Storage Migration from EMC VNX toVMAX.
* P2V of approximately 400 physical Windows 2008 servers to HP P-class blades using PlateSpin, while ensuring computing, memory, and disk capacity were maintained at acceptable levels.
* Responsible for proper licensing of VMware Environment.
* Monitoring VMware Infrastructure - CPU, Memory, Disks and networks.
* Provided Tier 2 and Tier 3 technical support.
* Experience in Installing and configure the VMware NSX appliances for a setup including VMware vSphere, VMware NSX and open stack.
* Deployed performance enhancing/monitoring tools.
* Recommended new updates and changes required by the clients.
* Produced new system and network designs for clients.
* Preparing daily checklist and updating management regularly.

**Environment**:Windows 2000/2003/2008 R2, SMS, SQL Server 2000, IIS 6.0, VMware ESXi 5.5/5.1 Server, CISCO UCS blade servers, HP Blade servers, HP Proliant DL360G7, PlateSpin, Citrix Xen Server.

**National Insurance, Bloomington, IL**

**Role: VMware Engineer Oct 2009-Jan 2011**

**Responsibilities**:

* Responsible for participating in providing transition support and services for the Delphi Automotive Windows servers to gather and define the processes needed for the HP global delivery teams.
* Publishing and assigning the user permissions to access the Applications in Windows Management Console.
* Creating the load evaluators for load balance purpose while users accessing the Applications.
* Maintaining the file server, application and Print Server.
* Created User Accounts, groups and running scripts on production servers.
* Assigned local security policies on member servers and standalone servers using RDP.
* Manage and monitor Active Directory services and group policies.
* Worked elaborately on different windows environment which include Windows NT version 4.0, Work Station, Terminal, 2000 and 2003.
* Running VB Scripts to validate logins on 1000 + servers and check the server access on weekly basis.
* Strong Knowledge in creating various objects like User Accounts, Computer Accounts, and Auto log on accounts.
* Provided BC/DR replication for VMware and Hyper-V infrastructures incorporating OTV and NSX virtual networking.
* Assigning folder permissions to the users by gathering approval from the group owners.
* Efficiently created and managed various Groups (Domain Local and Global Security).
* Worked on HP Open View Service Desk (OVSD) tickets.
* Raised tickets for any issues discovered during validation.
* Using Net Use command to check whether we can connect to member servers or not.
* Scheduling scripts twice a week and worked extensively on bad server list.
* Categorization of server in terms of complexity and effort required to complete the primary system access tasks.
* Experience with VM ware, creating VM Sessions for installing multiple OS and applications.
* Working on Ticket process in receiving Incident tickets in Remedy Tool in 24x7 environments.
* Created standard operating procedures and process documents for training off shore resources.

**Environment**: Red Hat Linux 4/5, Windows2000/2003/2008 server, Active Directory, DNS, DHCP, Exchange 2003/ 2007, Microsoft Office, VMware VCenter Server, EMC CLARiiON, Symantec Netbackup, SQL server 2005, Service-now.

**Birla Soft, Hyd, India**

**Role: Vblock Administrator June 2008 – Oct 2009**

**Responsibilities**:

* Installing, configuring, administration of Windows 2003 servers, Active Directory Services, DNS DHCP, FTP, WSUS, IIS Web Server and SQL Database Server, System Management Servers (SMS) servers.
* Experienced with x86 / x64 Intel, HP, IBM &amp; Dell hardware like rack-mounted servers, tower servers, desktop, laptop and other peripherals.
* Managing Exchange 2003 servers and troubleshooting issues related to User and group accounts, mail delivery, configuring MX records to enable and disable domain.
* Administering DHCP Server-creation of reservation and under reservation options, configuring of router IP address.
* Responsible for Active directory, GPO, Domain users, Administrating users and groups and given appropriate permissions and privilege to access our LAN and Domain environment.
* Configure and Managed Microsoft Outlook 2003/2007 for the users.
* Configured Terminal Server to access to the servers using Remote Desktop Protocol (RDP).
* Migrated the Windows XP desktop environment to the Windows7.
* Excellent understanding of SAN, NAS storage architecture.
* Responsible for Security Patch Management and Deployment to all clients using Microsoft WSUS.
* Installing, configuring, administering, and performance tuning Microsoft SQL Server 2000 familiar with Database Creation, Database Security, Database
* Replication/ Migration, Database Performance Monitoring, User Management, Database Backup/Restoration, Import/Export of SQL Database, Transact SQL, Microsoft SQL Clustering, SQL Query analyser and profiler.
* Installing, configuring, administering, troubleshooting VMware server on ESX platform and VMware client, workstation.
* Installation and Configuration of networks, router/switches configuration and wireless access point/router with security, TCP/IP, VPN, Content Filtering.
* Access Control Lists on router/switches, VLANs (port mapping, naming etc.), and routing IP address in both LAN/WAN and wireless networks.
* LAN Cabling, RJ-45 crimping, Labelling, Patch Panel, PC Junction boxes, Phone Switches and Rack set-up.
* Analyze, log, track and complex software and hardware matters of significance pertaining to networking connectivity issues, printer, server, and application to meet business needs.
* Creating a backup job and also took backup of data center on daily, weekly and monthly basis.

**Environment**: Windows 2000/2003, SMS, IIS 6.0, Exchange Server 2003, Microsoft WWSUS, Windows XP, VMware ESX Server, VMware Workstation.