

**Nandan Kumar Peddi**

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* Over **8 + years of professional experience** on VMware Virtualization ,RHEL ,Suse Linux and Windows 2008/2003 Operating Systems.
* Extensive knowledge and experience As Wintel Administrator.
* Professional experience **with VMware VSphere5,ESXi5.0, ESXi4.1**and **VMware VCenter5/VCenter4.1, VMotion, Storage VMotion, HA, DRS, FT, Host Profiles, VApp, VMware VCenter Converter**
* Experience in storage performance and Application performance testing on Vmware Virtual Machines
* Deploy, Secure, Analyze, Administer and Troubleshoot VMware VI4 platforms.
* Experience on Windows 2003 and 2008 Patch Mangement and SCCM .
* Experience on VMware vCenter 2.5,4,4.1,5 , 5.1 and Single Sign on Server .
* Experience on Active Directory 2003\2008 Administration .
* Experience on Configuring Networking on Standard vSwitch , DVS .
* Extensive Knowledge on Port Groups, VLAN Trunking , VLAN Tagging and Ether Channeling.
* Experience in the **V2V** and **P2V migration** of Physical servers to Virtual Machines.
* Advance Knowledge in Cloning ,Snapshots and OVF Templates Technology .
* Experience Deploying VMs (Linux\windows2003,2008 ) UsingTemplates.
* Knowledge of maintaining Business Continuity and performing **Disaster Recovery (DR) using VMware Site Recovery Manager (SRM)**
* Hands on experience in **updating / upgrading ESX servers**, Virtual Center servers and windows virtual machines using **VMware Update manager** and manual upgrades for **Patching**
* Experienced in Configuring SAN, Iscsi SAN and NAS Storage With Different Vendors like EMC ,NetApp ,3PAR.
* **Experience with vCloud Director 5,5.1 and vShield Networking and Security.**
* Experience installing, managing and administering Windows 2008 and 2003 based Domain controllers, Backup / Additional Domain Controllers
* Management, Client Installation, Remote control, Site database maintenance and Recovery
* Experience installing, configuring & administering Network services like **DNS, DHCP, WINS and WSUS**
* Supported a large scale Data Center projects including server installation, hardware maintenance, and break/fix activities
* Hands on experience installing, configuring & administering **Network services like DHCP and DNS services**.
* Experience in the Server and Desktop Management (Windows Administration), Support, Analysis and Maintenance
* Performed system administration activities, security policies and monitored system performance both at software and hardware levels
* Exceptional troubleshooting, organizational, interpersonal, written and verbal communication skills.
* Strong interpersonal communication and technical skills in software, hardware and networking which help me to quickly identify and resolve issues.
* Installation and Management of Network Security Servers like Symantec Corporate Edition and Trend Micro Office Scan.

**Technical Skills**

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| Core VMware Virtualization Skills | ESX 4.1/4.0, ESX 3.5, ESXi5, VSphere 3 and 4, VI3, Virtual Center Server, P2V, V2V, Storage VMotion, HA, DRS, SRM 4.0, Host Profiles, VApp, VMware Consolidated Backup, VMware Management Assistant, VMwareVsphere Client, VMware View 4, VMwareThinapp, Events and Alerts, Capacity Planning, PlatespinPowerConvert |
| DR/P2V Tool | Platespin migrator, Quest Vconvertor and Double take DR tools |
| Desktop Operating Systems | Microsoft Windows 2000, Win XP sp2, Vista, Windows 7 |
| Server Operating Systems | Microsoft Windows 2000, 2003, 2003 R2, 2008, 2008 R2. |
| Server Services | Active Directory, DNS, DHCP, TCP/IP, Clean Server Installation/Migration |
| Management Tools | HP Onboard Administrator, HP Virtual Connect Manager, Avocent DS View, Putty, MKS Integrity Change Management Software, Groundworks VI Monitoring Tool, Vkernal Monitoring Software, Microsoft Robocopy GUI, SolarWinds IP Address Tracker, Veeam Backup-FastSCP |
| Directory Services / Internet | Designing, Deploying and Migration of Windows Based Active Directory. Installation and Administration of IIS 6.0, DHCP & DNS servers |
| Server/Storage Hardware | HP blades C7000,IBM blades HS21, HP Proliant DLs and Blade Servers, Dell Power Edge Servers, HP Enterprise Virtual Array Family, Netapp FAS2000 series,Cisco UCS, EMC SAN storage VNX and Symmetrix DMX-3 |

**Experience Summary**

**Client:Diageo ,Norwalk, CT Dec2010-Till Now**

**VMware Admin**

* Installed Management Server (VCenter Server) instances to enable centralized management of multiple hosts
* Configured the linked mode configuration on Vcenter servers for the ease of Operation.
* **Administrated the environment consisting of 350+Esxi hosts and 1000+ Virtual Machines .**
* **Involved In vSphere5.1 Migration Project .and Updated VMware tools and Virtual Hardware.**
* Installed Unified Infrastructure Manager Provisioning center and Unified Infrastructure Manager Operations center.
* **Involved In Setting Up SRM 5 Testing of different recovery plans in SRM to ensure recovery of failover VM’s**.
* **Involved In Installation and Configuration of vCloud Director and vShield networking and Security**.
* **Involved in Creation vdc Organizations, Catalogs , and VXLAN Deployment for Internal Cloud**
* Experience with Cisco Dashboard for management of UCSM application.
* Installed and ConfiguredVMTurbo and Hyperic for VM and infrastructure monitoring.
* Installed and Configured EMC Avamar appliance for VM backup.
* Back up the SRM database using the tools that your database software provides.
* Generated scripts to extract the configuration values on vcenter
* Configured the standard cluster settings on vcenter clusters
* Supported 100+ RHEL Virtual Machines .
* Used VCloud director for deploying VM’s by far decreasing the overhead capacity in vcenter.
* Used VMwareHyperic to monitor all the virtual machines across the VBlock environment.
* Used Cisco UCS 1.3 and 2.0(1q,1s,3a) and 2.1(1a) for managing Cisco B200 M2, B230 M2 and B440 M2 Blade servers
* Successfully completed the blades swap from B200 M2 to B230 M2 in production.
* Extensively worked with UIMP Dev and Support team to fix the unknown bugs.
* Used CIMC 1.3(2j), 1.4.2 and 1.4(3p) for managing c200 rack-mount servers.
* Upgraded successfully entire vblock from 2.4.1 to 2.5.2 and 3.0.2
* Configured and Documented windows clustering for vcenter server and SQL Servers.
* Day to Day Operations on VBlock Environment, Virtualization, UCSM and Storage.
* Wrote the strategy document to upgrade the existing VBlock 2.4 matrix to 2.4.1 and then on to 2.5.2 Matrix
* Worked with the VCE Technical support team, CISCO TAC, UIMP and UIMOps engineering team to fix the unknown bugs, helped them to replicate the issues.
* Experience with BMC Remedy 7.0 for the change management and Incident resolution.
* Documented and build the low level design document on the VBlock environment.
* Provided 24/7 On-call for the VBlock Environment
* Worked in NOC environment.

**Client : BB&T ,Raleigh ,NC March2010-Dec2010**

**VMware Admin**

* Wrote the strategy document, designed and administrated the environment consisting of over 90 ESX hosts and 1200 Virtual machines environments at different Geographical locations
* Designed and successfully implemented VMware ESX servers for server consolidation
* Installed VMware ESX server 4.1/4.0 and created virtual machines on ESX Servers. Created standard templates and deployed virtual machines from these templates
* Load Testing on the VMware Lab Manager/VCloud director deployment with DR Testing on SRM
* Installed, Configured and administered ESX 4.1 on HP Blade servers using HP onboard administrator for the HP Blade chassis& enclosures and Cisco UCS blades.
* Installed Management Server (VCenter Server) instances to enable centralized management of multiple hosts
* Linked Different Vcenter servers using linked mode to have a single instance of Vsphere client to manage the whole Virtual environment
* Creating and managing Virtual Machines and Templates, worked with clones and snapshots of Virtual Machines
* Configured VMware on clustered environment, implemented migration of virtual machines using VMotion, Virtualized Windows servers using VMware Converter and PlatespinPowerConvert.
* Hot and Cold cloning of Virtual Machines using VMware Converter.
* Configured VMware HA, VMware DRS in acquiring higher efficiency for VMware Infrastructure
* Installed and worked on VMware Site Recovery Manager (SRM 4.0) for the disaster recovery and managed recovery plans
* Analyzing the VM-support logs for ESX servers and Virtual Center logs to diagnose the root cause for the problem
* Used Avocent DS View Module for the remote server access to the Dell rack servers
* Defined the Patch Management process for the VMware Environment to upgrade the Hosts and VM’s and Successful completion of Update Manager Installation in all the Environments.
* Performed hardware replacement and troubleshooting for the Dell Rack servers and HP Blade servers
* Configured and monitored Microsoft SQL server 2005/2008 Databases and perform routine tasks such as performance tuning, indexing, purging and database replication for Vcenter server and Database dependent virtual machines
* Used different Administration and support tools(Veeam Backup-FastSCP) to perform regular backup and restore of the virtual machines disks and data
* Conducted VMware Virtualization Assessments to recommend consolidation scenarios and project cost savings associated with virtualization for clients.
* Used MKS Integrity Change management Software tool to maintain the CMDB and Virtual Infrastructure Information.
* Used Groundworks&Vkernal Monitoring Tools to have 24/7 monitoring on all the servers and virtual machines
* Performed in place upgrades of Windows 2003 server to Windows Server 2008/R2 on Dell Physical Servers -Power Edge 1950, R610 & R710.
* Windows clustering Administration and troubleshooting

**Client: Home Depot ,Atlanta ,GA Sept2009-Feb2010**

**VMware Consultant**

* Installed VMware VSphere 4 and created virtual machines on ESX 4.0 Servers. Created standard images and deployed servers from the images.
* Designed and successfully implemented VMware ESX 4.0 servers for server consolidation.
* Worked as Technical Lead on various infrastructure projects surrounding Servers consolidation, Physical to Virtual Migrations, Storage and Server Management.
* Responsible for the management of servers and duties include regular and proactive monitoring of servers, responding the alerts
* Worked on Central Management Server (VCenter Server) to manage all the ESX hosts in the datacenter.
* Creating and managing Virtual Machines and Templates. Working with snapshots of Virtual Machines.
* Installed and Tested VMware Site Recovery Manager (SRM 2.0/4.0) for the disaster recovery and managed recovery plans
* Extensive experience with HP blades C7000/C3000 server hardware.
* Involved with designing and implementing VMware backup products and disaster recovery solutions
* Involved in installing/configuring and troubleshooting VMware Lab Manager and administrating multiple labs in Lab Manager and dealing with Lab Manager issues
* Installed & configured VMware virtual center for production & DR site.
* Perform server consolidation using VMware Converter to convert physical machines to virtual machines in a production environment.
* Involved in VMware updates manager to install & troubleshoot patches and updates on ESX hosts and virtual machines.
* Implemented successful recovery by VMware SRM and eliminated the complexity of managing and testing recovery plans
* Configured VMware on clustered environment, Implemented Migration of Virtual Machines using VMotion, Storage VMotion
* Virtualized Windows server Migration using VMware Converter, PlateSpinPowerConvert.
* Hot and Cold Cloning of Virtual Machines using VMware Converter.
* Configured VMware HA, VMware DRS and Fault Tolerance in acquiring higher efficiency for VMware Virtual Infrastructure
* Worked on VMware Update Manager for updating or patching for all the ESX hosts and Virtual machines
* Integrated the HP SAN volumes to the Virtual Infrastructure to store the Virtual Machine files
* Analyzing the VM-support logs for ESX servers and Virtual Center logs to diagnose the root cause for the problem.

**Client: PNC Bank, Cleveland, OH OCT2006-July2008**

**Technical Consultant**

* Deployed VMware ESX server3.5 3.0 (virtualization technology) for Intel platforms (Windows and Linux servers). Total of 40 ESX servers with over 600 VMs with Virtual center.
* Implementation of Microsoft DHCP, DNS, WINS, Domain trust relationship, fault tolerance, file and print services, user and group management.
* Involved in design and implement Server migration from Physical to Virtual using VMware P2V Assistant 2.1.2
* Involved in migrating physical servers to VMware virtual servers using P2V Assistant.
* Worked on Migration Projects Involving IIS 5.0 and 6.0 based applications.
* Installed VMware ESX Server 2.5 on all the physical servers to host multiple virtual machines.
* Installed Management Server (VMware VCenter Server) instance to enable centralized management of multiple hosts
* Installed VM Clusters (ESX 2.5), Hosts and virtual machines
* Converting the physical servers to virtual servers using P2V Assistant
* Enabled VMware HA, VMware DRS for higher efficiency for the Infrastructure
* Installing, troubleshooting and supporting of Desktops, Laptops, Network Devices, and Computer Peripherals.
* User Support - Monitoring and troubleshooting system performance, server & user related problems. Support users to resolve their day to day issues related to OS, E-mail, Account issues, hardware etc.
* Responsible for Backup/recovery strategy of all ESX servers. Planning and implementing fault tolerance and strategies for backup and restoring files on the network
* Responsible in diagnosing & troubleshooting of VMware ESX and Virtual Center Environments.
* Support & Training - Provide necessary help / training to IT Helpdesk / Telecom Support Personal to resolve day to day issues.

**Client:Compugra ,HYD, India Dec2005-August2006**

**Jr SysAdmin**

* Installing, troubleshooting and supporting Windows 2003 servers administration and Active Directory .
* User Support - Monitoring and troubleshooting system performance, server & user related problems. Support users to resolve their day to day issues related to OS, E-mail, Account issues, hardware etc.
* Responsible for Backup/recovery strategy of all ESX servers. Planning and implementing fault tolerance and strategies for backup and restoring files on the network
* Managed the installation and configuration of Windows 2000 Server/Workstations.
* Created user and computer accounts on the Active directory users and computers.
* Configured servers for DHCP, WINS and DNS services.
* Installation, configuration and Administration of IIS web servers.
* Provided Norton Antivirus support for virus security.
* Administration of print servers and troubleshooting print jobs.
* Support & Training - Provide necessary help / training to IT Helpdesk / Telecom Support Personal to resolve day to day issues.
* Built servers and installed applications as per the company standards and requirement. Used windows 2003 Standard Edition. Upgraded the Firmware of the servers. Participated in mounting, racking and cabling of the servers
* Monitored the servers and trouble shot the server issues
* Resolved the user issues related to Active Directory Users and Groups

**Education**

* Bachelors in Computer Science Engineering, India. 2005
* Anna University ,India.