SUJEET

B.E in Computer Science & Engineering
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Objective

"I am seeking a challenging and rewarding position in VMware Network Server & Storage Administration within an organization. I am constantly striving to improve my technical skills and work ethic, to contribute to the growth of the organization and advance my career. I am particularly interested in opportunities that provide innovative challenges and assignments in a reputable organization, preferably in the field of Power Projects."

Synopsis

- B.E in Computer Science & Engineering.
- 11th Years Domain Experiences (Cyber Security, Networking, Routing & Switching Firewalls, WAF F5 Load Balancer, NSX, Server, VMware, ESXi, Server, Wintel, Storage)
- VMware NSX
- Cyber Security
- Network Administration
- VMware Administrator
- Server Configurations
- Leadership quality.

Technical Skill

- VMware NSX: NSX 6.4.1 / 6.4.5 and 6.4.4 /6.4.8 version, Upgrading NSX Manger 6.4.1 to 6.4.5 and 6.4.4 to 6.4.8 Load Balancer, VPN, SNAT, DNAT, Firewall, Firewall Rules, Routing, Vxlan, Network Adaptor, Stander Switches, Distributed Switches.
- Virtualization: VMware VSphere ESX4/ESXi5/5.1/5.5/6.0/6.5/6.7, vMotion, svMotion, HA, DRS, SDRS, HADRS, VDI View.
- Network Technologies: RIP, EIGRP, OSPF, BGP, RSTP, VLAN, VPN, TCP/IP, Ethernet, LAN/WAN. LAN: VLAN, WAN: PPP.
- Routing Protocols: RIP, IGRP, EIGRP, OSPF, BGP, MPLS
- Internetworking: OSI REFERENCE MODEL,
- Network Protocols: Telnet, ICMP, FTP, TFTP, DNS, DHCP.
- Application protocols HTTP, HTTPS, FTP, SMTP, SNMP, SSL, etc. Network Security IPsec VPN, AAA Architecture.
- Application Load balancers F5 Big IP LTM
- Firewall: ASA CISCO FIREWALL, FortiGATE 310B, SSG 5 Serial (juniper), SRX340. Operating Systems: Win Vista /Win XP/NT/2003, MS-DOS, Windows 2003, 2008, 2012, 2016 & 2019.
- Networking: Juniper Router J2320, Cisco L2&L3 Switches, IP Phones, TCP/IP, VOIP, VPN, VLAN
- Platforms: Windows Server 2003 / 2008R2 / 20012R2/2016/2019. Windows XP/07/10.
- Server: HPE SimpliVity, HP DL360 & 380 G7 G9, IBM, DELL Server, DMZ Infra Storage. Switches: Cisco L2 & L3 Switches, 2960 3650, Cisco Nexus 9K/7K/5K/2K Series of switches.
- Juniper Switches L2 3400 3700, Cisco IOS Software, and NX OS Software.

Professional History

Senior Technical Consultant (VMware NSX)

Cisco Software Define Networking –SDN
Employer: Wipro Limited, Hyderabad, TS, INDIA
Project: Telangana State Data Center, Hyderabad
Designation: SDN
Duration: January 2021 until now.

Cisco Software Define Networking –SDN- VMware-NSX

As a Lead Administrator, I act as a Single point of contact for the technical tower in front of the customer management. Ensure proper communication and quick resolution as a crisis manager. Responsible for Vendor

Management and people management. Drives day-to-day operations and work plan allocation/management. Conduct periodic reviews with teams. Weekly and monthly status reports to higher management. Participate in business meetings with various stakeholders. Take corrective actions based on the customer satisfaction surveys. Drive service improvement programs. Ensure adherence to quality/security standards defined for the engagement Perform Trend analysis, identify the top few incidents, and work with respective teams/individuals to minimize the incidents. Effort estimation/reviews on a need basis for new projects.

- Working with the Cloud Operations teams in the definition and implementation of SDN standards and best practices.
- Work within a DevOps SDN model so that NSX is automated and elastic across all cloud platforms.
- Knowledge and understanding of DevOps (CI/CD)
- Responsible for NSX/SDN Design and Implementation, Testing and Installation for Customers – Government-State Datacenter
- VMware vSphere (ESXi, vCenter Server, vSphere web clients)
- Knowledge and understanding of Ansible and Solar Wind Monitoring tools.
- NSX-v & NSX-T operational familiarity and concepts
- Deployment of NSX-v & NSX-T environment
- Upgrades of NSX-v environment
- Knowledge of basic network concepts e.g. IP, TCP, DNS, switches, routers, etc.
- Concepts of load balancers and their function and features
- VMware vRealize Operations Manager (vROps)
- OVF/OVA exports and deployments (also for migrations)
- Analysis and troubleshooting of network performance and capacity issues/concerns involving guest VMs and ESX hosts/clusters
- Experience to implement NSX-T in a Cloud environment
- PowerShell/PowerCLI scripting
- Experience VMware HCX migration tool
- NSX-V to NSX-T migration
- Understand and articulate the impact of network virtualization and security to a customer's physical IP network, operations, and future network and networking security architectures.
- Maintain current, high-level technical knowledge of the entire VMware product portfolio and future product direction and expert-level knowledge of the virtual cloud networking franchise product lines, which include NSX, advance load balancer, vRNI, HCX, and SDWAN.
- Ensuring network reliability and availability through well-planned and implemented solutions
- NSX UI and CLI access
- NSX-T Architecture design
- Prepare a new cluster for NSX
- Transport Nodes & Security Groups
- Backing up virtual machines and supporting virtual machine infrastructure.
- Supporting the operations and maintenance of the VMware virtual infrastructure
- Maintaining VMware vROps and reporting for confirmation, troubleshooting, and capacity planning.
- Define project requirements/issues/constraints with PMs.
- Take ownership and accountability for individual deliverables.
- Understanding of ITIL framework
- Ability to work in 24/7 coverage (6 days a week model)
- Maintenance of the Firewalls – Check Point, Fortinet, and Cisco ASA
- Manage IPS, Antivirus, Anti-bot, Anti-Spam, UTM, SIEM
- Manage SSL certificate, Security events, and Incident management
- Managing Application Security using NSX & F5 WAF with applications load balancer on OWASP top 10 Web application security risk
- Daily, weekly, monthly, and quarterly Security Report
- Centralized Trend Micro Deep Security implementation and management
- Maintaining an updated knowledge base of all the published security vulnerabilities and threats for related

software and microcode etc.
- Responding on NSX breaches or other incidents and coordinating with respective OEM of new threats are observed to ensure a workaround /patch is made available for the same
- Ensuring that the SDN policy is maintained and updates to the same are made regularly as per ISO 27001, BS7799 and BS 15000, ISO 20000 guidelines
- Operating systems and firmware hardening through appropriate configuration and patch updates
- Periodic reviews of domain-level rights and privileges
- Responsible for the Audit of the NSX and SDN to be carried out by a third-party agency
- Working on Palo Alto Cortex XDR, Radware DDoS, TrendMicro Tipping Point, Honeypots, and Algosec.
- Manage IPS, Antivirus, Anti-bot, Anti-Spam, UTM, SIEM.
- Manage SSL certificate, Security Events, and Incident management.
- Daily, weekly, monthly, and quarterly TMDS Reports.
- Operating systems and firmware hardening through appropriate configuration and patch updates
- Responsible for the Audit of the network and security to be carried out by a third-party agency.
- Installed the SSL certificate on the WAF device for the client's request.

GLOBTIER INFOTECH

Employer: GLOBTIER INFOTECH
Project: JCB INDIA LTD. Faridabad Designation: Sr. Engineer
Duration: April 2020 to 12th August 2020 in Delhi/NCR
Project: SBIC Card, Gurgaon
Designation: Sr. Engineer- Wintel & VMware
Duration: 13 August 2020 to 11th January 2021 in Delhi/NCR

Wintel & VMware Admin

- Installation, Configuration, Troubleshooting & Monitoring of Wintel Server 2008r2, 2012r2, 2016 & 2019 Server.
- DC & Active Directory Migration or Roles Transfer from 2008 to 2012, 2016 & 2019.
- P2V Migration and OS Upgration in data centers. i.e. 2008 to 2012, 2016 & 2019.
- Managing AD and adding the user from the respective group give access to the user and apply the policy.
- Configuration the Active Directory and apply the policy & Rules by using GPO.
- Managing Users and Groups in Active Directory.
- Managing DHCP, DNS, FTP, File server, Symantec Antivirus, Symantec Backup Exec 2012.
- Installation, Configuration, Monitoring & Managing Antivirus AV Server. i.e. – MacAfee AV Server, Symantec AV Server, etc.
- WSUS Server for Desktop/Laptop Patching.
- Altiris tool for Windows Server Patching report
- Users share folder access, share folder publish from NetApp NAS
- Service Now & Manage Engine tools used for Incident and ticketing purposes
- Nagios & SCCDA tools are used for Monitoring purposes and checking the health of the System in live environments.
- Upgradation of vCenter 6.5 to 6.7 and 7.0 to 8.0 Design & Planning the Implementation plan and follow the ITIL Change Process.
- Upgradation of EXSi Host 5. x to 6. x and 7.0 to 8.0 Patches updates by using Update Manager and CLI Commands.
- Installation, Configuration, Live troubleshooting, diagnosis Manage & Monitoring of VMware vCenter & ESXi host. Deployments of VM by using template, Clones & OVF.
- Migration & upgradations of Standards Switches SS to Distributed Switches vDS in vCenter.
- Knowledge about licenses in VMware.
- Mounting, Installation & Configuration of L2 & L3 Switches.
- Installed the NMS Networking tools for Cisco & HP.
- Hand-on Experience to Manage & Monitor the big data center IT Infra.

Saral InfoTech Solution

Employer: Saral InfoTech Solution Project: IBM India Pvt. Ltd.
Designation: SME-VMware NSX

Duration: August 2019 to April 2020 in **Bangalore.**

VMware NSX

- Hands-on Experience in VMware NSX Environment. To upgrade NSX Manager 6.4.1. To 6.4.5 version.
- Installation and configuration of NSX Manager.
- Load Balancer in NSX to balance VM, pools, virtual server, Application server, certificate, interface, etc.
- To create an Implementation plan, do tasks, and live troubleshooting.
- To create EDGE for NSX.
- NSX rule structure derivation and filtering performance.
- Configuration, Deployed, Managed & Migration from NSX-V to NSX-T architecture.
- Configured, deployed, managed, and troubleshoot Load Balance for Virtual Machines.
- Cross vCenter NSX-V and NSX-T design and deployment & long-distance VMotion.
- Configured VPN connectivity from the End side to the peer side.
- NSX rule structure derivation and filtering performance.
- Managed the NSX-V & NSX-T VMware vCenter.
- Configured the LS, SS, & DSS. And Migration from SS to DSS.
- Create LS, DLR, NXS Edge in NSX Manager's-t & NSX-v Boths.s
- Design additional network tenants based on requirements.
- Create, manage, and develop catalog items in vRealize automation/Orchestrator
- Experience and knowledge of vRealize Orchestrator, vRO vRealize vRA, vRO, vROPS.
- Adjust the NSX overlay design (VxLAN objects) to take into consideration the cloud zone schema
- Firewall security policy migration (physical FWs to NSX)
- Configured VPN connectivity for the End side to peer side.
- To create an Implementation Plan for VPN connection, for both end and live configuration for this VPN.
- Troubleshooting for live VPN connectivity step by step if any issue occurred.
- ESXi CLI command knowledge for troubleshooting ESXI Host.
- Configured, deployed, managed, and troubleshoot for Network EDGE.
- As per client and server requirements to create EDGE for the load balancer.
- Firewall and firewall settings apply for as required.
- To create firewall rules in NSX MANAGER
- Good knowledge of routing protocols and their internetworking: OSPF, BGP, EIGRP
- Hand-on experience in how to capture Packet data for NSX Manager for both directions (Bi-direction) TX & RX
- Experience in packet capturing data for ESXi Host and particular VM.NSX EDGE, firewall, firewall setting, routing, load balancer, VPN connectivity, SNAT, DNAT setting.
- Experienced in developing technical design documentation of new LAN/WAN connectivity
- Experience working with Service Now Ticketing tools (or similar ticketing/ITSM applications).
- Experience of working in an ITIL environment with particular regard to Change and Incident management.

Siemens Ltd. (Payroll Kanthwal Services.) Project-Mumbai International Airport.

Employer: Siemens Ltd. (Payroll Kanthval Services.) Project-Mumbai International Airport.
Designation: System Administrator / VMware Administrator. Duration: March 2016 to August 2019 in Mumbai

Key Deliverables: IT – Information Technology

VMware Administrator

- Extensive knowledge of advanced features of VMware ESXi 6.5/5.x/4.x vCenter 6.5/5.x vMotion, SvMotion, HA and DRS, SDRS, HADRS.
- Experience in with Virtualization technologies like installing, configuring, and VMware vSphere. Creation,
- Experience in designing, deploying virtual networks, and upgrading systems, including hardware, software, networks, databases, servers, and peripheral equipment.
- Creating iSCSi/SAN/VFS and providing Client and troubleshooting.
- VLAN/Firewall Port Forwarding/Public IP NAT.
- Experience in P2V MIGRATION using VMware Converter / and VM templates and cloning.
- Worked on VMware Update Manager for updating or patching for all the ESXi hosts and Virtual Machines.
- Analyzing the VM-support logs for ESXi servers and Virtual Center logs to diagnose the root cause of the problem.

- Experience in VMware infrastructure Migration, Windows Domain migration,
- Vendor Management/Arrange Vendor meetings to get the best solution as per IT infrastructure.

Network Administrator
- Configuration of L2 & L3 Switch.
- Monitoring & Managing Cisco SNMP, LMS, NMS.
- Strong hands-on experience with WAN Technologies (MPLS, VPN, GRE) Switching (Capacity Planning, Design, VLANs)
- Good understanding of HSRP, VRRP, GLBP, QOS, TCP/IP, Multicast, Ethernet, and other networking-related concepts/failures
- Design and implementation of LAN/WAN, using Cisco routers, hubs, and switches
- Identified 15+ network vulnerabilities by manually and automatically testing infrastructure security, and implemented a Cisco 2100s with FTD platform to track potential threats to the network from the firewall to the final destination on the network.
- Upgrading and backups of Cisco router configuration files.
- Analysis, Troubleshooting & handing L2 & L3 escalation.
- Configured and installed Firewall routers switches and wireless controllers.
- Root Cause & System Log Analysis and Reporting.
- Configurations of Virtual switches and network connections.
- Daily reports of Application Servers as well as server logs.
- Installing, configuring, and managing virtual infrastructure and virtual center.
- Provision and maintain Hyper-V clusters, Hosts, and VMs in a large environment with multiple tiered clusters and 800 plus Hosts (Microsoft Hyper-V, Microsoft SCVMM).
- Root Cause & System Log Analysis and Reporting.
- Oversight of HP Systems Insight Manager SNMP monitoring with HP Remote support page.
- Troubleshooting unique and mission-critical issues.
- Prepares status reports, implementation plans, and systems documentation, and maintains project plans.
- Monitors networks daily to ensure the best performance
- Motivated, enthusiastic, and proactive System/Network Administrator with an excellent 'can-do' attitude.

Amartech Convergence India (P) Ltd. Sep. 2013 - Feb. 2016 System Administrator
- Responsible for installation & maintenance of all IT infrastructure of Call Centre.
- Plan and recommend network hardware, systems management software, and design.
- Configure and maintain routers, switches, and network systems (including wireless and VoIP).
- Integrate and schematically depict communication architectures, topologies, hardware, software, transmission, and signaling links and protocols into complete network configurations.
- Perform network systems tuning and recommend improvements.
- Evaluate new network products and monitor protocol capability.
- Installing different types of Domain Controllers i.e. PDC, ADC, CDC & RODCs.
- Backup & Restore of AD Domain Controllers.
- Maintaining & Configuring DHCP, DNS & FTP Servers.
- Backup & Restore of AD Domain Controllers.
- Sensitivity: Internal & Restricted
- Managing Users and Groups in Active Directory.
- Group Policy Management using GPMC.
- Partner with the security team to research and recommend secure network solutions to business problems and to prevent, detect, and investigate suspicious activity on time.
- Installation of device drivers and other applications; configuration of LAN settings, IP management

Personal Skill
- Infosys Good team worker, willing to work hard and ability to learn quickly.
- Optimistic, goal-oriented, and ambitious to achieve high positions and organization skills
- HP software skill training.
- Campus Connect software skill training. Co-Curricular Activity
- National level Seminar on hacking by Sunny Vaghela named as "HACTRAC"
- Attenend the Workshop on "IBM DB2"

- National-level Seminar on "Windows Azure" and "Phone 7" supported by Microsoft.
- Linux Administration conducted by Jectking, Boring Road, Patna
- Networking training conducted by BSNL, Patna, Bihar.
- Certificate in Developing Applications Using Core JAVA in NIIT, Patna.
- ORACLE Workforce Development Program in Oracle 9i: SQL.
- VMware. Training from Attari Class, Mumbai
- CCNA Training from RST Forum, Matunga.

Certification

- CCNA certificate for RST Forum, Matunga.
- VMware Certified Professional Network Virtualization NSX-T. (VMW-02931677J-02880893)
- VMware NSX-T 3.0 Training from VMware and Udmey.
- VMware Certified Professional for Data Center Virtualization.
- VMware VX Rail 7.0 Workshop Course Certified DXC Technology.
- VMware NSX certificate for Attari Classes, Mumbai.
- Trend Micro Deep Security Certified – Hybrid Cloud Security.
- Trend Micro Deep Security Training from Trend Micro.
- Netskope Cloud Security Specialist.
- Oracle Certified Foundation Associate
- Palo Alto Networks Systems Engineer (PSE): Prisma Cloud Associate
- Cortex XDR 3
- Training - F5 (LTM & ASM)
- Azure – AZ 500 and 104 Training from Microsoft.
- AlgoSec ASMS Foundation.
- ITIL V4 certified.
- Zscaler Zero Trust Associate (ZTCA) Certification Form Zscaler Academy. (ahmb593wpxc3)
- Certificate in Developing Applications Using Core JAVA in NIIT, Patna.
- Linux Administration (Red Hat Linux) conducted by Jectking, Boring Road, Patna
- VMware Training from Attari Class, Mumbai.
- ORACLE Workforce Development Program in Oracle 9i: SQL.
- VMware VCP-DCV Certified.

Educational Qualification

B.E (CSE) from VMKVEC affiliated to VMU SALEM.
- Senior Secondary Examination (XII) from Patna Collegiate +2 school.
- Secondary School Examination (X) from Bal Vidhya Niketan

Personal Details

Father's Name	NavRatan Pandey.
Date of birth	8th June 1990.
Sex	Male.
Marital status	Married.
Nationality	India.
Passport	B6867496.
Linguistic Ability	Hindi, English, Tamil, Marathi, Bhojpuri.
Permanent address	Arpan Bank Colony Phase-2 Ramjaipal road Bailey Road Danapur Patna Bihar 801503 India.

Declaration

I hereby declare that all the information furnished above is true to the best of my knowledge.

Date: **SUJEET.**