**Ashritha Achala**

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* **12+ years of experience** in IT Infrastructure on VMware vSphere, VxRail, VMware Aria Operations, Azure, Power flex, vRealize Automation, vCloud Air, vSAN, Linux and Windows server
* **Hands-on**: Very strong in Datacenter Migration, solid experience in both Datacenter to Datacenter & Cloud and Cloud to on-premises, VxRail Migration using EMC Recovery Point and Zerto tool.
* **Solid experience** in building ESXi host from scratch to decommission ESXi host, troubleshooting ESXi host related issue, network, storage and hardware issue and provide RCA
* **Strategy & Execution**: Possesses great communication, reasoning, ability to influence and build a strong case for better technology choices and ability to effectively translate strategy into execution by closely working with digital product management teams.
* **Passionate** to stay on the top of contemporary tech trends, experimenting & learning latest technologies, hosting/participating in internal technology communities, mentoring other software engineers in the engineering community and writing blogs in internal platforms. Self-driven, innovative and pushes for high-quality measurable outcomes.
* **Collaboration** across methodology, product and enjoy working collaboratively with a diverse team and managing competing interests.
* **Leadership**: Strong sense of finding the issue and troubleshoot, accountability for teams’ success and pro- actively work to run the business.
* Strongly encourage innovation, implementation of Cloud technologies, inclusion, out of the box thinking, teamwork, self-organization and diversity.
* Experience in functional and application knowledge of Healthcare, Finance, Payment Gateway Retail, Automobile Insurance, Banking and Manufacturing sectors.
* Self-starter, Excellent communication, analytical and interpersonal skills, with strong Problem-solving skills. Effective team player and able to quickly adapt to new environments.

# PROFICIENCIES

**Converged System**: VxRail 7, PowerFlex, VCE vBlock,

**Hypervisor**: VMware ESXi

**Cloud**: Azure, vCloud Air, AWS,

**Hardware:** Cisco UCSB-B200-M3/M4/M5, Cisco UCS 720, UCS 5108 Server Blade Enclosure, DELL PowerEdge R730, M830, HP DL **380,**

## Gen 9, HP DL 380 Gen 10, Blade c7000

## **Log Analysis:** Splunk, VMware Aria Operations and logs 8.16.

## **Monitoring Tool:** VMware Aria Operations 8.16, Netcool, Nagios, BigPanda

## **Storage**: EMC VMAX, Unity

**Migration Tool**: RecoverPoint, Zerto

**OS**: Windows, Linux

**Knowledge**: CI/CD Pipeline, vSAN, AD, PowerCli, Windows Power shell, EC2, S3, RDS, VPC, IAM, ELB, Autoscaling, Route53, Github, Jenkins, Kubevirt, Ansible.

# Certification

 Microsoft Certified: Azure Administrator Associate

 Redhat certified: Redhat certified Openshift Administrator

# EXPERIENCE

**Project: Dish Network Infrastructure/System Architect (Aug 2023 – Present)**

**Description:**

 DISH Network is a subsidiary of EchoStar, provides multichannel television and satellite television via Dish Network, mobile phone service via Dish Wireless, Boost Mobile, and Boost Infinite, as well as over-the-top IPTV services via Sling TV.

# Responsibilities:

* Lead Virtualization off-shore Team and Support L4 and above.
* VxRail deployment, Installation and Configuration to ROBO Sites
* VxRail Migration from legacy hardware to VxRail E560,660
* Virtual Machines migration form on-prim to Azure cloud
* Optimizing, Deploy instance & cost analysis in Azure.
* Deploy VMware Aria Suite and integrated the Operations and Logs
* Integrated and configured the VMware Aria Operation and Logs
* Upgraded the VMware Aria Operation and Logs instances.
* Worked with infrastructure monitoring through Aria Operation, such as create Dashboard, alert generate, administration and configuration.
* Powerflex deployment and Migration using HCX
* Oversee Datacenter infrastructure, including servers, storage, network routers/switches, firewalls, VMWare Horizon etc.
* Analysis of data and trends in existing systems for the proactive management of computer & storage architecture, capacity, and response times.
* Installing, configuring, and Managing ESXi 7, vCenter 7 and vSphere (security lockouts, VIBs, updates).
* Performed VxRail, ESXi host, Aria Operations and Logs and vCenter upgrade.
* Manage ESXi host end to end process (Building new ESXi host to Decommission host)
* Installed and worked on VMware Zerto for the disaster recovery and managed recovery plans.
* Troubleshoot ESXi host, Storage and Network related Issues.
* Datastore Consolidation, VLAN creation, Port group creation and storage decommissioned.
* Closely work with capacity product owners to build the desired capacity, user testing, prototype, estimations.
* Configured and maintain new VM's, install Microsoft Windows 2019 Servers, manage VM's and ESX servers and install VMware Tools on VM's
* Cloning, Building, and deploying new VM's and installing different guest OS like Windows server 2012R2/2016/2019 and Linux.
* Cost optimization and increase operational efficiency through comprehensive solutions.
* vCenter migrate from 6.0 to vCenter server Appliance 6.7 and7.0
* Patching and Upgrading ESXi via ssh and using upgrade Manager.
* Participate in weekend’s maintenance activities and testing and validating virtual infrastructure during critical changes and Hardware upgrades.
* Installing Drivers, Firmware, BIOS on repair server hardware on HPE Server's. Maintaining and testing processes related to business continuity. Follow Vendors and VMware best practices.

**Environment:** vSphere Client,ESXi 6.0/6.5/6.7/7, VxRail 7, Azure , VMware Aria Operation and Logs 8.16, Zerto, Power Edge 730/740/M830,Powerflex,BigPanda, Cisco UCSB-B200-M3/M4/M5, Windows, Linux. Ansible, PowerCli, Windows power shell, SNOW, Skyline, vSAN, RVtool.

# Project: Wells Fargo Sr System Engineer (Oct 2022 – July 2023)

**Description:**

 Wells Fargo is a leading financial services company with approximately $1.9 trillion in assets. In the U.S., it serves one in three households and more than 10% of small businesses and is a leading middle-market banking provider.

**Responsibilities:**

* Configure and Manage vRealize Automation 7.6, vROPs, ESXi 6.7
* DataCenter Migration using Zerto and EMC Recovery Point
* Accountable and manage a dedicated production Server for cyber compliance (ESXi vulnerabilities, Firmware, etc.,)
* Practice people management with a strong focus on inclusion, empowerment and inspiring leadership.
* Led multiple initiatives which helped in enhancing the customer experience or cost savings for business in millions.
* Playing vital role in Migration, Migrate Virtual Machines from one Datacenter to another using Zerto
* Closely work with VMware and Hardware Vendor for more analysis.
* vCenter Upgrade, vRA Upgrade, ESXi host upgrade and patching
* Responsible for ESXi host, Storage and Network related Issues
* Manage ESXi host end to end process (Building new ESXi host to Decommission host)
* Configure the Monitor Netcool tool, Manage UCS B480 M5 Blade Serve, DELL PowerEdge R730, R740, M830 (iDRAC) and HP DL 380 Gen 8, HP DL 380 Gen 9, Blade c7000
* Create SOP documents.
* Implemented vRealize Operations Manager (vROPS) and created intuitive and customizable dashboards, views and reports for Enterprise customers in monitoring the infrastructure environment with analytics and proactive remediation.
* Experience in maintaining vSphere Center 6.7, Esxi 6.7, Realize Automation Operationalizations Manager, vRealize Orchestrator in a VMware virtualized environment.
* Identified and developed automation for routine infrastructure tasks, notably, auto scaling virtual machines using vRealize operations, vRealize orchestrator and powerCLI.
* Monitored infrastructure using VMware vRealize Operations Manager with Endpoint agents on Windows and Linux. Creation of Virtual Switches, Ports and Port groups and setting up Layer 2 Security Policies for Virtual Networks.
* Datastore Consolidation, VLAN creation, Port group creation and storage decommissioned.
* Closely work with capacity product owners to build the desired capacity, user testing, prototype, estimations.
* Configured and maintain new VM's, install Microsoft Windows 2019 Servers, manage VM's and ESX servers and install VMware Tools on VM's

**Environment:** vSphere Client,ESXi 6.0/6.5/6.7, vRealize Automation 7.6, vROPs, Zerto, NSX, UCS B480 M5 Blade Serve, Power Edge 730/740/M830, HP DL 380 Gen 8, Blade c7000, netcool, VxRail, LogInsight, Windows, Linux. Ansible, PowerCli, Windows power shell, SNOW, Skyline, vSAN, RVtool.

# Project: Warner Media Sr System Engineer (Oct 2020 – Sep 2022)

**Description:**

 The company provides premium pay television services, streaming services, television, feature film, home video, video-game production and distribution. It manages popular digital sites and family of streaming services Warner Media Boomerang and DC Universe.

**Responsibilities:**

* ESXi host upgrade and patching
* Manage DataCenter Migration activity for ESXi
* Configure & manage ESXi5.5, ESXi 6.0&ESXi 6.5 and vCenter Migration from 5.5 to 6.5.
* Patching and Upgrading ESXi via ssh and using upgrade Manager.
* Generating inventory reports using PowerShell and optimizing resources, DRS, HA.
* Design and architecture review for VREALIZE installation based on VMware recommended best practices
* Implemented and designed cloud solution based on VMware vCloud Director for users.
* Manage host profile, iDRAC, ILO, BIOS and firmware upgrade for new build ESXi host
* Configure the Monitoring netcool tool, Manage UCS B480 M5 Blade Serve, DELL PowerEdge R730, R740, M830 (iDRAC) and HP DL 380 Gen 8, HP DL 380 Gen 8, Blade c7000
* Datastore Consolidation, VLAN creation, Port group creation and storage decommissioned M830 HW failures for EMEA - OME Configure & manage VDI (Virtual Desktop Infrastructure)
* Manage and generate report using VROPs & VCOPS Manage the infrastructure by using Turbonomics, Splunk and LogInsigh
* Implemented vRealize Operations Manager (vROps) and created intuitive and customizable dashboards, views and reports for Enterprise customers in monitoring the infrastructure environment with analytics and proactive remediation.
* Creating and managing the users, groups, GPO in the Active Directory.
* Automation of repetitive task and generation of reports using PowerShell and other scripting languages.
* Manages administrative templates for Group Policies.
* Responsible to developing multi-year business plan to deliver business capabilities and define execution approach to achieve business goal while reducing risk and delivering early business value where ever possible.
* Applies advanced knowledge of the business, its products and processes and integrates potential services to achieve business goals. Negotiates agreements, settles disputes equitably and diffuses high tension situations.
* Conduct performance reviews for employees on Quarterly, Semi-Annual, Annual basis and provide training facility to learn and implement in the projects.

**Environment:** vSphere Client, ESXi 5.5/6.0/6.5, Recovery Point,, vROPs, Turbonomics, Splunk, UCS B480 M5 Blade Serve ,Power Edge 730/740/M830, HP DL 380 Gen 8, Blade c7000, , RVtool,REST,VDI,OME, LogInsight, Windows, Linux, EMC VMAX, Unity,VxRail, Ansible,Powercli,Windows Power shell, BMC Remedy, Jira, GITHub, vSAN.

# Project: Warners Brothers, India Senior Administrator (May 2018 - Sep 2020)

**Description:**

 WB is a global entertainment company that creates, produces, distributes, licenses, and markets entertainment content and brands. The company is a leader in the film, television, digital, and home entertainment industries, as well as animation, comic books, video games, and product licensing.

# Responsibilities:

* Manage Converge Infrastructure. Configure & manage ESXi5.1,ESXi 5.5&ESXi 6.0
* Manage multiple Virtual platform ( Citrix Xenapp, Xendesktop, VxRail, VxRack)
* Manage and generate report using VROPs Manage vBlock 720 series using Cisco UCS.
* Troubleshooting back up (networker & TSM) VSS issue
* Good Knowledge on HP C7000 enclosure and Cisco UCS
* Created new organizational units according to the application policies and resolved multiple issues related to OU and Group policies.
* Write and maintain PowerShell scripts as necessary to automate system maintenance and monitoring.
* Installs, configures, and troubleshoots group policy and administrative templates.
* Worked on Active Directory, GPOs, DNS, DHCP, File & Print Server, IIS (Web Server), FTP, Terminal Server, RIS, RRAS, NAT, WSUS, Microsoft Clustering, Exchange Mail Server and ISA Server.
* Responsible for Active directory, GPO, Domain users, Administrating users and groups and given appropriate permissions and privilege to access our LAN and Domain environment.
* Creating and managing the users, groups, GPO in the Active Directory.
* Raise case with VMware & Microsoft if resolution required from their end
* Create reports and publish to the respective stakeholders
* Responsible to maintain the SLA for Project, Tasks and Tickets, as per Customer requirement

**Environment:** vSphere web Client, ESXi 5.1/5.5/6.0, Citrix Xenapp, Xendesktop, VxRail, VxRack, vBlock 720,TSM, vROPs, HP Blade c7000, VDI, REST, DFS, Windows, RVtool, SNOW, DFSR.,AD,GPO,

# Project: HBO, India Technical Specialist (Mar 2014 – April 2018)

**Description:**

 Home Box Office, is an American pay television network that offers a variety of home entertainment, including movies, documentaries, and award-winning series. HBO is known for its innovative original programming and mix of movies, and is considered one of the most respected entertainment brands in the world.

# Responsibilities:

* Deploy Virtual Machines with help of Golden Template
* Configure & manage ESXi5.0, ESXi 5.1&ESXi 5.5. vCenter maintenance cleanup activities (Datastore, Clone, Snapshot& VM) with help of vCheck
* Good Knowledge on HP C7000 Hardware and basic knowledge on Cisco UCS
* VMtools and VM Hardware maintenance upgradation.
* P2V and V2V conversions by using VMware Converter Configure data store to ESXi server using SCSI, iSCSI, Vmfs.
* Create resources pool, Template &Clone in Virtual Center Upgrade patches for ESXi Using update manager.
* Configure Virtual Network in ESXi server by creating vSwitches Create network port groups at Standard switches

**Environment:** vSphere web Client, ESXi 5.0/5.1/5.5, P2V,V2V VMware Converter, REST, vBlock 720,Nagios, vROPs, HP Blade c7000, DFS , DFSR, Windows. MS Excel, Active Directory

#  Project: KPMG, India Technical Support Engineer (Nov 2011 – Feb 2014)

**Description:**

KPMG is one of the world's leading professional services firms, providing innovative business solutions and audit, tax, and advisory services to many of the world's largest and most prestigious organizations. KPMG is widely recognized for being a great place to work and build a career. We have provided Infrastructure support to the end client. We have provided Infrastructure support to the end client and involved in hardware refreshment project.

# Responsibilities:

* Support development projects for setting up required software & OS environment
* Support and troubleshoot problems related to development projects in establishing the VPN connectivity
* Operate effectively without direct supervision but within a clear accountability framework
* Plan and monitor the use of their own time to ensure that assigned activities are managed within agreed targets
* Analyze logs and provide solutions to the end users across the globe
* Add, modify and delete user/group accounts and set up a user’s work.
* Handle Remote control from customer disk and troubleshoot of computers and HP AIO Printer

**Environment:** HP AIO Printers, Router, Switch, VPN Windows 98/XP/Vista/7, Laptop, Desktop, MS Excel.

# PROFESSIONAL EDUCATION

## Bachelor’s degree in information technology

## JNTUA university (Aug 2007 to Jun 2011)