

Full Name: Dinesha Sharma

Designation: Manager / VMware Solution Architect/Tanzu SME

Location: Bangalore, India

Languages: English, Hindi, Kannada and Marathi

Contact Number: 9620808777

Mail: mailmedinesha@gmail.com

Professional Summary

- Around 14 years of experience as Quality Assurance/ Implementation in the field virtualization and Kubernetes @VMware.
- Experience with general software testing as well as test automation, storage management, system administration.
- Proficient in many operating systems including Linux and Windows and quick to learn.
- Hands on various VMware technologies such as vCenter Server, VMware vRealize Operations, VMware vRealize, VMware vRealize Log Insight, Pivotal Container Service (PKS/TKGI), NSX-T, NSX Advanced Load Balancer (AVI), Tanzu Kubernetes Grid, Tanzu Mission Control, Tanzu Observability, Tanzu Service Mesh, VMware Cloud Foundation (VCF), vSphere with Tanzu, Tanzu Build Service (TBS)
- Experience in working in Agile methodology in couple of VMware Projects.

KEY SKILLS:

- Testing Framework : TestNG
- Operating Environments : Unix/Linux, fedora, Ubuntu, Windows Server, VMware ESXi
- Version Control : Perforce, HPQC, Jira
- Defect Tracking Tools : Bugzilla
- Programming Language : Python (Beginner), Core Java

CERTIFICATIONS:

VMware vSphere with Tanzu Specialist

VMware Certified Professional: Application Modernization

VMware Certified Advanced Professional 6.5: Data Center Design (VCAP: vSphere Design 6.5)

Certified Kubernetes Administrator (CKA)

Certified Kubernetes Application Developer (CKAD)

Certified Kubernetes Security Specialist (CKS)

Experience

Product Engineering Services Group, Capgemini, Bangalore

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Organization Name: Capgemini, Bangalore

Type of Industry: Virtualization and Kubernetes

Project: MAPBU Solution Engineering / Global Strategic Alliances, GSI

Client : VMware

Description:

Duration: Feb 2018 to Present

Role: VMware Solutions Architect/Tanzu SME.

Responsibilities:

- Setting up internal Tanzu labs with latest build releases and test them.
- Assist GSI partners to develop, build and their Tanzu environment strategize their container practice
- Interact with partners and assist them in evaluating Tanzu Products.
- Onboarding GSI partners with Tanzu Products and brief them on product features with necessary presentations and Demos.
- Work on POCs with customer and provide them POC guide after completion of POC.
- Hands on various VMware Tanzu products like: TKGi, TKG, TO, TBS, TAC, TMC, TSM
- Partners currently worked/working with: Accenture (Accenture Cloud Platform) , IBM(ISPW), IBM(CoE), IBM(D4PCI), IBM(MCDS), IBM(MCMS), TCS, DXC, Cognizant
- **Published VMware Blogs:**

<https://blogs.vmware.com/management/2018/09/pivotal-container-service-analytics-and-monitoring-with-wavefront-use-cases.html>

<https://blogs.vmware.com/management/2018/08/a-comparative-analysis-on-health-monitoring-of-pivotal-container-servicepks-using-vmware-wavefront-and-vrealize-operations.html>

Written and published multi-cloud blog including a demo published in youtube:

<https://vcloudmakers.wordpress.com/the-era-of-multicloud-kubernetes-containerized-apps-is-here/>

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Type of Industry: Storage & Virtualization
Project: DELL-EMC ScaleIO vCloud NFVI Solution Design
Client : Dell-EMC

Duration: May 2017 to Jan 2018.

Role: Project Manager/VMware Architect.

Responsibilities:

- Test and verify the physical network and port map configuration.
- Was the main architect to plan and design vCloud NFV2.0 ScaleIO design guide which is published online:

http://en.community.dell.com/techcenter/service_provider_solutions/m/mediagallery/20444702

- Prepare high level VMware vCloud NFV 2.0 cluster design with VCD/VIO
- Implement and test various VMware features to ScaleIO storage, tested following VMware features: VMware vSphere Replication, VMware vSphere Data protection, VMware vRealize Operations Advanced, VMware vRealize Orchestrator Appliance , VMware vRealize Log Insight , VMware vRealize Network Insight, VMware vCloud Director for service providers, VMware Integrated OpenStack and VMware NSX Manager.
- Setup daily/alternate day calls with client to update the progress of the work.
- Prepare MOM and share it with Delivery head and client to keep track of deliverables scheduled and plan to provide the same.
- Setup up debugging sessions with Tech support for hardware issues if any.

Harman Connected Services, Bangalore.

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Type of Industry: Storage & Virtualization
Project: CPD (Continuous Product Development)
Client : VMware
Duration: February 2016 – March 2017.

Roles and Responsibilities:

- Work on PR verification
- Execution of System Test cases with recommended builds

- Configure Vsphere Test Bed Manually with networking and Datastore recommendations
- Deploy Virtual machines using automation for System Test case execution
- Execute STIO test cases using Eclipse and monitor and debug if any failures
- Regression Test case execution on following features: IO Filter, vFlash Cache, VMIOstats, Automatic Unmap and iSCSI-NSX feature.

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Type of Industry: Storage & Virtualization
Project: vCHS (v Cloud Hybrid Service)
Client : VMware

Description:

vCloud Hybrid Service, an Infrastructure-as-a-Service (IaaS) cloud-based service on VMware vSphere that extends VMware software to the public cloud. VMware vCloud Hybrid Service (vCHS) is also an Infrastructure as a Service (IaaS) offering based on the VMware vSphere hypervisor managed by virtual vCloud Automation Center or vCloud Director.

Duration: January 2015 – January 2016

Roles and Responsibilities:

- Setup vCloud Director Test Environment.
- Configure vCloud Director Setup for executing Test Cases.
- Update the Test case execution results in HP Quality Center and File Bug when encountered.
- Followed Agile methodology while working in Pinnacle Release, attended daily scrum meetings.
- Represented vCD in Plugfest#2 and Plugfest#3
- Bug Regression related activities.
- Monitoring Team members

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Type of Industry: Storage
Project: vStorage APIs for Data Protection (VADP)
Client : VMware

Description:

VADP is the next generation of VMware's data protection framework that enables backup products to do centralized, efficient, off-host LAN free backup of vSphere virtual machines. A backup product using VADP can backup vSphere virtual machines from a central backup server or virtual machine without requiring backup agents or requiring backup processing to be done inside each guest virtual machine on the ESX host. This offloads backup processing from ESX hosts and reduces costs by allowing each ESX host to run more virtual machines.

Duration: April 2014 – December 2014

Roles and Responsibilities:

- Installation and Configuration of Vcenter 6.0 and VMware ESXi 6.0 and managing Virtual Machines
- Involvement in Manual testing and narrow down the issues and find out the root cause for the issues.
- Regular interaction with developers in fixing the bugs and provided the detailed steps to reproduce the bugs
- Creation of multiple Windows and Linux Virtual machines using Vcenter 6.0 and VMware ESXi 6.0
- Execution of test cases to run concurrent backups in scaled and stress environment.

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Type of Industry: Storage & Virtualization
Project: VMware, Update QE: System Testing.
Client : VMware
Duration: April 2013 to March 2014

Roles and Responsibilities:

- Create and update test case scenarios
- Execution of STIO Test cases as planned by the client.
- Setup test environments and validate bugs
- Setup VM (VM deployment) using JavaTestNG and execute System Tests using Java Unification framework.
- Configure test bed and via automation execute the test cases via ATLAS or JavaTestNG

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Type of Industry: Backup & Storage
Project: Atempo [Atempo Live Navigator]
Client : Atempo
Description :

Atempo Live Navigator protects data on endpoint devices like desktops and laptops and at remote offices, making it easy to bring all your organizations computers and devices in alignment with your corporate backup and recovery policy. This near-CDP solution also integrates with Atempo Time Navigator and its advanced deduplication technology, and reduces the cost and failures associated with protecting and recovering data across all enterprise systems.

Duration : From August 2011 till March 2013

Responsibilities:

- Performing install upgrade and system testing for ALN
- Performing Functionality, System, Regression and GUI testing.
- Test case management: writing, executing and updating test cases related to Backup and Restore functionality
- Test Reporting: Logging test execution results via Test link.
- Defect Management: Finding and filing new bugs, doing bug regression etc. using Bugzilla.

Type of Industry: Backup & Storage

Project: Backup Exec

Client: Symantec Software India Private Limited, Pune.

Duration: Jan 2010 to August 2011

Roles and Responsibilities:

- Worked as an Enterprise Support analyst for Symantec in Enterprise support services Team for Backup Exec.
- Worked with Storage/ Network Administrators to resolve core issues on Backup Exec application software
- Trouble shooting and installations of various Backup Exec versions from 11d, 12.0, 12.5 and 2010 R2.
- Performing disaster recovery on various windows platforms from win 2008, win 2003 with respect to Backup Exec.
- Configured and troubleshoot issues related to Backup jobs and Restore jobs.
- Handling core issues with Linux Operating system point of view such as installing Remote agents on Linux machines, MAC and Solaris platforms.
- Troubleshooting EMC, Netapp, DataDomain; NDMP storage devices backup and restore point of view.

Higher Education

Master's In computer applications (MCA) Pune University

Bachelor's in science (Electronics) Pune University

