Sivaji A

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**Summary:**

* Having 2+ years of Experience in **Storage Testing and Virtualization.**

**Professional Summary:**

* Good Exposure to Storage Protocols **FC, SCSI, SATA, SAS** and **iSCSI.**
* Hands on Experience on storage domains like **SAN, NAS** and **DAS.**
* Having sound knowledge on **Zoning** and **Multipathing.**
* Good knowledge on **RAID** and **RAID levels.**
* Hands on experience on vSphere **5.0, ESX 4.0, ESXi 4.0, ESXi 5.0, ESXi 5.5.**
* Hands on Experience on creating and managing Virtual Machines.
* Good in **testing methodologies,** processes and tools (**test plans, test scripts, defect tracking,** etc.).
* Good at **SDLC, STLC** and **Defect Life Cycle.**
* Strong experience with multiple common computer platforms (**Linux, Solaris, Windows, VMware**).
* Expertise in **Functional, Sanity, System testing** and **Regression testing.**
* Configuration of vSphere features like **Vmotion, SVmotion, DRS** and **HA.**
* Hands on experience on features like **Cloning, Template** and **Snapshot.**
* Good knowledge on **Networking concepts.**
* Good Knowledge on **Python.**

**Professional Experience:**

* Working as a QA Engineer in **Mindscape Software Team India Pvt Ltd.** From August 2012 to till date.

**Academics:**

* B.Sc(M.S.CS) from Sri Venkateswara University in 2009.

**Operating Systems:**

* Windows 2003. 2008, 2008 R2, 2012, 2012 R2.
* RHEL 5.0, RHEL 6.0.
* ESXi 4.0, 5.0, 5.1, 5.5.
* Cent OS 6.0.

**Project Profile:**

**Project #1:**

Project Title: To Qualify the Pillar Storage Array with ESX.

Client: Pillar Data Systems.

Role: Team member.

Duration: February 2014 to till date.

Environment: ESXi 5.0, vCenter 5.0, Solaris, RHEL, Axiom.

**Description:**

The Pillar Axiom storage system is designed to provide consolidated storage with ease of administration. The Pillar Axiom storage system can be configured as a Network Attached Storage (NAS), Storage Area Networks (SAN). The system unifies NAS and SAN into a common storage platform using highly available, redundant hardware and policy-based management software and storage virtualization to support. It provides High Performance, High Availability, Reliability and Scalability. Flexible data protection options include Snap FS, Clone FS, Clone LUN, and Volume copy. Other features include proactive, automatic display and notification of critical status changes and events, and the ability to compile and deliver system health and performance statistics to address potential problems before they occur.

**Responsibilities:**

* Understanding the Requirement and Functional Specification Documents.
* Involved in System, Sanity, Functional and Regression Testing.
* Writing and executing test cases.
* Provide inputs & review the feature documentation before the release.
* File bug reports & work with developers to help with bug analysis (if required).
* Keep track of all defects resulting from testing, ensuring all high and urgent priority defects are resolved on time.
* Defect logging, tracking and maintaining the logs.
* Setting up the Infrastructure as per the Requirements.

**Project #2:**

Project title: To Qualify the functionality of iSCSI Storage Array with ESX.

Role: Team Member.

Duration: May 2013 to January 2014.

Environment: ESX 4.0, 5.0 and vCenter 4.0 and 5.0.

**Description:**

VMware ESX is an Operating system, used for Server Virtualization, Which fully utilizes the Physical server resources and helps enhance availability and performance and which supports multiple guest operating systems. The objective of the Project is to qualify the functionality of the iSCSI storage array like LUNs, Initiator Groups and Volume groups along with Multipathing.

**Responsibilities:**

* Understanding Requirements and Functional specification documents.
* Installing and configuring ESX servers and vCenter server.
* Creation and Configuration of virtual switches.
* Creating, Configuring and Managing HA, DRS at the Cluster level.
* Worked on Snapshots, Cloning and Template.
* Performed Sanity, System, Regression and Functional testing.
* Writing and executing test cases and logging defects.

**Project #3:**

Project Title: Qualifying Whiptail Storage array along with vCenter plugin for Storage.

Client: Whiptail.

Role: Team Member.

Duration: August 2012 to April 2013.

Environment: ESXi 4.0, 5.0, vCenter 4.0, vCenter 5.0, Java.

**Description:**

The Storage Array, which Supports Fibre Channel, iSCSI and NAS. The functionality of the Storage Array includes, LUN creation, Mapping and Unmapping. vCenter plugin development and testing. The vCenter admin will get familiar with the Storage array. Volume Groups and mirrors creation. vCenter plugin for Storage provides an interface to manage three kinds of storage arrays.

**Responsibilities:**

* Understanding the Requirement specification documents.
* Develop, maintain, and execute test cases/scripts. Maintain complete, detailed test results data.
* Coordinate test planning, manual testing according to project deliverables.
* Develop/maintain regression test data throughout project life cycle.
* Involved in Functional, Sanity, System testing and Regression Testing.
* Setting up the Infrastructure includes Installation of ESXi 5.0 and vCenter Server.
* Creating Virtual machines and Installing Guest Operating systems.