**Akshay Singh Chauhan**

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**Career Objective**

To be associated as a System Administrator or Developer with a progressive organization that gives me a scope to update knowledge and skills in accordance with the latest technologies and a part of team that dynamically works towards growth of organization and satisfaction thereof.

**Career Summary**

2 years 8 months of experience in Systems Administrations as a Veritas Netbackup, PureDisk(6.6) & Backup Exec Administrator, VMWare, Windows and RedHat Enterprise Linux 6 Administrator. Involved in installation, configuration, upgrading, patching and troubleshooting on servers. Also worked on multiple technologies like Dell Storage, Platespin DR application demonstrating the ability to learn and adapt to different working environments. Possess good communication and problem solving skills; focused and hard working.

**Key Expertise**

**PRIMARY SKILLS**

**Symantec Backup Technologies**

1. **NetBackup 7.0**

~ Installation of the Symantec NetBackup master server, media server, and client including remote client installation methods available within Symantec NetBackup.

~ Roles, functions, and the topology of major Symantec NetBackup components including the master, media, EMM servers, clients, agents, and options.

~ Configuring various master/media/client settings and host properties.

~ Configuring storage units, storage unit groups, volume pools and volume groups.

~ Policy attributes and scheduling. Policy clients and backup selections.

~ Synthetic backups, true image restore (TIR), multi-data streaming, multiplexing, checkpoint restart, and the use of disk and storage lifecycle policies.

~ NetBackup deduplication options, such as media server deduplication, client-side deduplication, and optimized duplication.

~ Catalog backup configuration/maintenance and disaster recovery task.

~ Interpreting status codes in order to diagnose and troubleshoot failed jobs.

~ Troubleshooting devices and media, including connectivity between master, media, and client.

~ Troubleshooting common issues related to Symantec NetBackup catalog disaster recovery.

~ Performing RCA (Root cause analysis) of Failures

~ Monitoring daily Backup/Job Failure /Disk Alerts and ensuring proper resolution

1. **PureDisk6.6**

~ Concepts, components, and terminology of PureDisk.

~ Installing the PureDisk Operating System (PDOS) and the PureDisk software.

~ Creating users, user groups, departments, and locations and assigning permissions to users and user groups.

~ Installing and configuring client agents.

~ Configuring data selections and policies to run and monitor backup jobs.

~ Restoring client data.

~ Creating PureDisk reports and using the PureDisk dashboards.

~ Exporting data from PureDisk to NetBackup, installing the PDDO plug-in, and configuring NetBackup for PDDO.

1. **BackupExec2010**

~ Installation of Backup Exec master/client server.

~ Components, features, and architecture of Symantec Backup Exec 2010.

~ Configuring policies, data selection and schedules.

~ Function and configuration of Symantec Backup Exec 2010 backup templates and policies.

~ Creating Backup selection list including use of resource discovery.

~ Monitoring and troubleshooting of backup jobs.

~ Restoring Data

**VMWare**

~ Installing and implementing VMware ESX server.

~ Installing VMware virtual center,

~ Setting up V-Motion, HA and DRS etc.

~ Creating new datastores and extending existing datastores by assigning new LUNs to the datastore.

~ Experience with VMware updates manager to install patches and updates on ESX hosts and virtual machines.

~ Creating Virtual Machine and Templates.

~ P2V and V2V conversion.

~ Guest OS deployment through Template and cloning. Resolving calls within the stipulated SLA through OTRS ticket system, conversant with ITIL process.

~ Adjust Memory and CPU allocation on VM. Increase the size of VMDK file.

~ Migrate Virtual Machine files with storage vmotion or host.

~ Unregistered and delete Virtual machines from the vCenter Server inventory or disk, Take snapshot of VMs, Revert snapshot etc.

~ Creating Resources Pools, alarms that monitors for a condition.

~ Configuring and ESXi Host to use Active directory services, create a custom role in vCenter Server, Assign permission on vCenter server inventory object.

**Red Hat Enterprise Linux 6**

~ Understanding and using essential tools for handling files, directories, command-line environments, and documentation.

~ Operating running systems, including booting into different run levels, identifying processes, starting and stopping virtual machines, and controlling services.

~ Configuring local storage using partitions and logical volumes.

~ Creating and configuring file systems and file system attributes, such as permissions, encryption, access control lists, and network file systems.

~ Deploying, configuring, and maintaining systems, including software installation, update, and core services.

~ Managing users and groups, including use of a centralized directory for authentication.

~ Managing security, including basic firewall and SELinux configuration.

**~ Windows administration**

**~ DHCP**

**~ DNS**

**~ Active Directory**

**~ Dell Storage**

~ C#

~ GUI Application development using .NET

~ Proficiency in Ticketing Tools: BMC Remedy and Service Desk

~ Windows patching through WSUS and KACE

~ Platespin, KACE, Riverbed.

~ Shell scripting

**Certifications**

~ Red Hat Certified System Administrator (RHCSA)

• Dated: June 18, 2012

• Certificate no: 120-076-385

~ VMware Certified Associate - Data Center Virtualization

 • Series: VCAD510

 • Date: 12 Nov, 2013

~ ITIL V3 foundation from L&T Infotech

~ L3 level certification from L&T Infotech

**Professional Trainings Attended**

~ C#, C, C++ ~ RDBMS, SQL Server 2005

~ GUI development using .NET Framework ~ Networking

~ J2EE ~ Introduction to Storage

~ ANIIT course from NIIT Ltd. ~ HTML, XML

~ Red Hat Enterprise Linux 5 and 6

~ Data Protection: Symantec NetBackup, PureDisk, Backup Exec

EMC LegatoNetworker

HP Data Protection

~ Monitoring tools

~ ITIL V3

**Career Highlights**

**Larsen & Toubro Infotech,** Mumbai, India.

**Systems Engineer Jan 2012 ~ Present**

~ Working as System administrator for UTC Data Center

**Role:-**

~ Managing the Datacenter Operations consisting of 28 ESX Hosts, Dell Storage (MDSM iSCSI Storage Arrays & Equallogic), 100 Physical Servers, 200 Virtual Servers, 250 Development Machines, NetBackup, PureDisk & Backup Exec for data protection, WAN Optimization Riverbed Devices and Platespin DR Application.

~ Primary role in backup technologies, VMWare, Windows and Linux server administration.

~ Responsible for the data protection of the entire environment using Veritas NetBackup, PureDisk and Backup Exec technologies.

~ Responsible for Monthly Status Update Calls to the Higher Management and the Client.

~ Training new team members on technology and Project work

~ Major role in establishing backup environment of UTC project.

~ Providing L3 level tasks in troubleshooting backup failures and monitoring them.

~ Handle escalations for NetBackup, PureDisk, & Backup Exec.

~ Get daily Status Report Monitoring Data from the L1 Engineers.

~ Publish the reports to the management & customer; answer their queries if any.

~ Conduct Weekly & Monthly Review within the team, management and with customers.

~ Analyze the failures; give recommendations to the team to avoid failures.

~ Create Root Cause Analysis Document.

~ Interact with the vendors, help the team to get faster resolution.

~ 24 x 7 availability for all restores & critical project activities.

**Key Achievement:-**

~ Recovered whole backup environment without catalog backup after master server software got crashed down. Got spot performance award for the same.

~ Successful migration of NetBackup clients to PureDisk to provide offsite backups which will be helpful in case of natural disaster.

~ Got several appreciations from client for making stable and reliable backup environment.

**Education**

~ **Bachelor of Engineering Degree (Electronics Engineering) 77%**

Madhav Institute of Technology & Science, Gwalior (Universitey: RGPV, Bhopal)

Jul 2011

~ **Higher Secondary School** **88%**

Kendriya Vidyalaya No. 2, Gwalior (CBSE Board)

May 2007

~ **Senior Secondary School 78%**

Kendriya Vidyalaya No. 2, Gwalior (CBSE Board)

May 2005

**Personal Details**

~ Gender : Male

~ Date of Birth : 11-Nov-1989

~ Marital Status : Single

~ Nationality : India

~ Hobbies : Listening songs, watching Science shows, science fiction movies.

*\*\*\*Professional references available on request.*