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Amazon Web Services certified Solutions Architect with over 5 years of experience as a Cloud Engineer. Cognitive about designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services (AWS). Experienced with most layers of AWS offerings and integrations.

Professional Summary

- Have deployed Statistical Analytics System(SAS) on the AWS cloud in different single and multi-tier cloud environments
- Strong experience designing, building, maintaining and securing AWS resources
- Experience in administration of production and dev-test environments
- Familiar with the Cloud Adoption Framework for cloud migrations and DR solutions
- Familiar with the TOGAF enterprise architectural methodology
- Experience with the newer DR methods on AWS like Pilot light, Warm Standby and Multi Site for maximum Business Continuity
- Skilled in deployment, data security and troubleshooting of applications using AWS services
- Experience on various AWS services including but not limited to EC2, S3, VPC, RDS, IAM, CloudWatch, ELB, EBS, AMI's, Systems Manager, CloudTrail, QuickSight
- Experience in storage provisioning and administration with HP-3PAR and Netapp supporting multiple platforms and applications
- Experience in decommissioning and storage reclaiming for physical servers and Virtual Machines(VM's)
- Experience with managing infrastructure and asset management at the Datacenter level and performing HBA installations, hardware replacements, FC and Ethernet cabling
- Strong experience with cloud monitoring (AWS Cloud Watch, DataDog, SignaFx) and logging to set up custom monitoring/metrics/alarm/notifications
- Familiar with different migration strategies like re-hosting, re-platforming and re-architecting
- Familiar with Blue/Green cut over testing and deployments without customer downtime
- Experience with mitigation of outages and disasters meeting the RTO and RPO's
- Experience on working with AMI's, Auto scaling and setting up instances in multiple AZ's
- Experience with utilizing VPC networking tools including but not limited to IGW, subnets, elastic IP's, NAT instances, security groups and NACL's
- Good knowledge of application developments using Agile and DevOps concepts and practices
- Knowledge of Hybrid architectures, Disaster Recovery (DR) and backup solutions on the cloud
- Good knowledge of Continuous integration (CI), Continuous deployment (CD) principles and tools like Chef and Jenkins
- Posses strong verbal and written communication skills in customer/partner engagements
- Meet deadlines, and work both independently and as a cloud team member
- Skilled individual contributor with the ability to also manage a small team
- Experience in a customer- facing engineering role

Professional Experience

Pinnacle Solutions, Indianapolis, IN September 2016 – Current

Designation - Cloud Engineer

Roles and Responsibilities

- AWS Engineer to support all the client environments on the AWS Cloud. Working with clients directly to design, deploy, monitor and support their environments on AWS
- Deploy SAS analytics on the AWS cloud in different single and multi-tier cloud environments
- Design/Architect scalable, cost efficient and secure cloud solutions for our clients
- Set up monitoring for all the assets deployed on the cloud
- Set up backup and disaster recovery solutions for the various environments
- Performing bi-weekly and monthly maintenance tasks for supporting the AWS and SAS environments
- Troubleshooting and configuring SAS office analytics (OA) and SAS visual analytics (VA)
- Learning to automate deployment using CloudFormation and Lambda
- Configure and assign AWS Workspaces
- Recommend and implement best practices on AWS on behalf of your clients
- Create security and vulnerability reports and inform the clients of any security and compliance threats to the environment
- Configure connectivity between various AWS services through IAM roles and policies, SG's and NACL's
- Create Backup policies via AWS Lifecycle Manager to automate daily, weekly and monthly snapshots
- Utilize AWS Systems Manager to automate the uptime of the EC2 instances for clients to be cost efficient
- Set up QuickSight for different clients for visual analytics.
- Manage Reserved Instance expirations and purchases for different clients

Sabre Corporation, Southlake, TX June 2014 – September 2016

Designation - Storage and Datacenter Engineer

Roles and Responsibilities

- Lastminute and Travelocity were two Sabre owned websites for their airline business. I was a part of the team that handled the storage and datacenter aspect for all the servers that supported the two websites
- Storage Provisioning, capacity planning, creating, managing and reclaiming Common Provisioning Groups (CPG's), virtual volumes (LUN's), host clusters on SAN and NAS in a multi-vendor storage environment like Windows, Linux and VMware from NetApp and HP 3 PAR storage arrays
- Troubleshooting, management and maintenance of HP3 PAR T400, F400, Violin 6232, 3210 storage arrays for SAN
- Troubleshooting management and maintenance of NetApp FAS2040, FAS3040 storage arrays for NAS
- Zoning and un zoning hosts, troubleshooting and monitoring on the SAN fabric on Brocade DCX-4S director SAN switches using Brocade CLI and Webtools
- Host renaming and updating on both switches and storage arrays
- Decommissioning of Virtual Machines, physical servers and reclaiming storage
- Creating backup policies, manual backups, monitoring daily and weekly backups, replication and troubleshooting on Symantec NetBackup V7.6.0.4
- Replication for Disaster Recovery (DR) on EMC DataDomain DD670 and DD660
- Racking, installing and maintenance of physical HP server blades (BL-460 6th, 7th and 8th gen) and HP BLC7000 series enclosures

- Performing firmware upgrades and patches on HP-BLC series blade server enclosures
- Fiber Channel (FC) and Ethernet Cabling, HBA installations, replacements and maintenance of disks, virtual connects, Pass-thru modules and switch modules on the blade server enclosures, hardware replacements, infrastructure and asset management at the datacenter level

Technical Skills

Technologies	Cloud Computing, SAN, NAS, Virtualization, IoT, SAS OA, SAS VA, IaaS, PaaS,
Tools	AWS CLI and Console, DataDog, SignalFx, WinSCP, SmartSync Pro, VMware vSphere ESXi, Brocade WebTools, NetApp DATA ONTAP, Nagios, HP-3PAR InServ, Chef, Jenkins, Git, FileZilla, Matlab, CloudFormation
Storage products	HP-3PAR T400, F400; FAS 2040,3040; Violin 6232,3210; Brocade DCX-4S; EMC DD670, DD660
Networking	IPv4, IPv6, TCP/IP, UDP, DNS, OSPF, EIGRP, BGP, Switching, LAN/WAN, IPSEC,
Servers	Linux (RHEL, CentOS, Ubuntu), Windows, MacOS X

Education

M.S. Telecommunications and Networking - GPA 3.47/4.00 April 2014
Florida International University, Miami, FL

B.E. Electronics and Communications - GPA 3.43/4.00 June 2012
Visvesvaraya Technological University, Gogte Institute of Technology, Karnataka, India.

Certifications

 Solutions Architect - Professional

 Solutions Architect - Associate