Rizwan ansari

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Presently working with *Paytm* as dba

Professional summary

- computer science graduate with 6+ years of experience as **database system administrator.**
- completed red hat certified engineer certification (certificate no.-130-211-378) in red hat enterprise linux.

Education qualification

- b.tech in computer science and engineering -lucknow integral university in 2013.

Technical proficiency

- **mysql:**Understanding of MySQL internal architecture, implementation, performance tuning, MySQL engines like INNODB, MYISAM , SQL TUNING using EXPLAIN PLAN, Taking Backup of important Databases and restoring when it is required, MySQL installation ,configuration and upgradation, Managing large and complex data sets within MySQL databases debugging, optimization, monitoring, and capacity planning, Open Source/Linux development and production, creating DB Users, Schema, Grant and Revoke Privileges of Users, Database Replication in MySQL, Log file maintenance, Crash recovery, Clustering, NDB clustering, HA proxy clustering, Root cause analysis, Data masking, partitioning. MSSQL Server: Understanding of MSSQL server installation, logins creation, granting permissions, revoking permissions, backup, restoration, log shipping, security, audit logging, TDE, Dynamic data masking, DBCC commands. MongoDB: Understanding of Installation, configuration, backup, restoration, replication, gtid replication, user management, query writing, fetching records, mysql_failover, setup cluster,
- **Mongodb:** installation, configuration, setup replication,
- **Linux:** user authentication, group administration, cat, top, mv, cp, less, more, tail, lvm, ssh, rpm, yum, kill, backup, restore, booting, run level, cron & at jobs, services,file system permission, install, remove & update packages, umask
managing partition with fdisk and lvm
- **Aws:** ec2 instances, s3 storage, auto scaling, cloud watch, lambda function, elb, rds, sns, vpc. elb, alb, cloudwatch, route53.
- **Jenkins:** jobs, user management, pipeline, manage plug in, configuration, source code management, cron management, upstream & downstream setup, slave configure & management
- **Git:** clone, add,commit, pull, push, merge, stash, password less connection, webhooks, code review, pull request
- **Docker:** pull, run, build, dockerfile, container, commit, tag, push, clean up container & images
- **Ansible:** installation, configuration.
- **Vmware:** vsphere, esxi, phd console, vm cluster, vm motion, vm migration,
- **Monitoring:** nagios, site 24*7, splunk, datadog, prometheus
- **Web server:** apache, nginx, installation, configuration, redirection, setup with website.

- **Application server**: tomcat, jboss, installation, managing java application.

Current company

Paytm/DBA
nov 2018 - present
F1 sec-6 noida

Role and responsibility

- setup monitoring for database specific
- managing backup with snapshot of db ec2 with aws-cli on a regular basis.
- launch ec2 instance with aws for setup mysql database with terraform
- managing it security group with terraform
- managing aws role policy with terraform.
- working with SQL query .
- mysql database maintenance and repair.
- managing mysql security.
- partitioning of table.
- setup various types of native replication master to master, master to slave, multi-source replication etc.
- setup DB replication with GTID.
- managing Backup, Restoration database with mysqldump, pxe backup, inno backups etc.
- setup Mysql_failover with orchestrator
- setup Mongodb replication
- setup mongodb sharding
- setup GTID based replication.
- working with shell scripting to automate tasks.
- Development of different applications using database objects like Functions, Procedures, Triggers, Views on Databases MySQL.
- working on servers like Centos, Ubuntu etc on different hosts.
- Query optimization skills to speed up critical operations for smooth customer experience.
- Reviewed and ensured analysis data and programming code to meet regulatory and company standards.

Previous company

dew solutions/database and system engineer
Oct 2017 to Nov 2018, gurgaon

jmd megapolis, 1017, 10th floor, sector 48, gurugram, haryana 122018

Project in dew-solutions

budbee.com lms (learning management system)
voxpop.com (e commerce)
tata cliq (e commerce)

technology stack: *aws, mysql, github, jenkins, linux, docker , ansible , shell scripting,nagios, apache, linux system administrator.*

team size: 2

Role and responsibility

- Re-structured AWS infrastructure as per requirement and usage of services/machines thereby reducing cost to 80%.
- Write script for automate tasks like create delete ami, snapshot etc
- Lambda function to automate tasks like create delete ami snapshot etc.
- Managing security with a security group.
- creating instances with ec2, load-balancing with elb & alb,
- auto scaling architectures with elb and elastic-bin stack,
- managing ebs volumes,
- managing application storage using s3.
- configuration management and system orchestration of instances via ansible.
- Setup Cloud Watch AWS monitoring tool for real time alerting thereby optimizing the server performance.
- Setup and implement Jenkins Script to automate the Deployment process.
- Configured ELK and elastic search stack for logging and audit analysis of incidents thereby using CloudWatch in free tier limit.
- Configured Security policies of AWS and S3 to minimize the risk of unauthorized access.
- vpc (virtual private cloud) and managing subnet, sg, routing table, igw, net gateway etc.
- Setup AWS RDS and Aurora cluster along with Replication and Logging policies.
- Setup and implement AWS Beanstalk environment thereby reducing load on servers and reducing manual interventions.
- monitoring and performance tuning of database systems and refreshing database systems with mysql.

- Apache web server – hands on experience in installation and troubleshooting of web server apache.
- Installation and setup of wordpress on server.
- Setup lamp stack on server, and monitoring it.
- Installation and configuration of monitoring tool nagios to monitor application server and system utility.
- Setup all type replication with mysql.
- Installing, configuring and managing apache, tomcat, jboss, nginx and nginx-proxy.
- Troubleshooting all type issues with linux machines, and with its packages.

Previous company

software data (india) ltd / associate L2
march 2015 – Oct 2017, gurgaon
h-135, first floor, sector -63, noida uttar pradesh-201301,
technology stack: apache, linux server, mysql, system administrator,
aws, nagios, vmware
team size: 4

Previous company

infinite computer solutions / associate L1
march 2014 – march 2015, gurgaon
bhagwan mahavir marg, institutional area, sector 44, gurugram, haryana 122001

description : all kinds of monitoring, primary troubleshooting, vmware backup, vmware cluster, os hardening

technology stack: nagios, linux, windows, linux system administration, new relic, service now, itsm, pagerduty, otrs,

team size: 5

Personal detail

- father's name   : mr. alauddin
- date of birth   : 23rd dec, 1990
- nationality   : indian
- languages known   : hindi, english
- mobile number   : 8585946563
- permanent address   : H 50-51 dharam colony gurgaon.

- I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

  place:
  date: *rizwan ansari*