

AKHILESH DONGRE

Big Data Hadoop Administrator

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SKILLS

Security: MIT and AD Kerberos, Sentry, LDAP, Extended ACLs, and KMS

Big Data Technologies: HDFS, Yarn, Spark, MapReduce

Ecosystem: Hive, Kafka, Zookeeper, Hue, Oozie, Streamsets

Cloud Technology - Amazon Web Services (AWS): S3, Glaciers, EC2, IAM, VPC, EBS, Cloudwatch

EXPERIENCE

Big Data Hadoop Administrator

Opratec technologies private limited, Pune
August 17 – Present

- Professional Hadoop Admin with 3+ years of experience in Big Data Hadoop Technologies and AWS.
- Responsible for delivering Enterprise Data Hub in Public, Private and Hybrid Cloud Environment.
- Performed Upgradation of Cloudera Manager (CM) and CDH in the production environment.
- Working knowledge of Hadoop Architecture and Ecosystem.
- Experienced in Installing, Configuring, and Managing the Complete Hadoop Ecosystem.
- Knowledge of AWS services: S3, VPC, EMR, Cloudwatch, IAM, EBS, and EC2.
- Configured and Managed High Availability (HA) for various Hadoop Stack.
- Involved in Cluster Capacity Planning and Architecting with the team.
- Configured Backup and Disaster Recovery of Cluster.
- Setting up new Hadoop users, Linux users, and Kerberos principals.
- Performance Tuning the services to obtain the Optimum Performance.
- Troubleshooting, Monitoring, and Diagnosing the Hadoop Cluster.
- Commissioning and Decommissioning, Node Balancing, and Trash Configuration.
- Working knowledge of Unix/Linux Operating System (OS) Commands.
- Created data pipeline from S3 to HDFS and vice-versa.
- Manage and review Hadoop log files.
- Working knowledge of Cloudera Director.
- Created Alerts and Events, performed Log Analysis using AWS Cloudwatch.
- Implemented Hive using the Remote Metastore Deployment Method.
- Experienced in creating Data Integration Pipelines using Streamsets Data Collector (SDC).
- Established Connection between Hive and Tableau for Business Intelligence (BI) team.

- Experienced in Setting Cloudera Hadoop Prerequisites on a Linux server.
- Followed Best Practices for deploying and maintaining Hadoop Cluster in the production.
- Performed Root Cause Analysis (RCA) for failures and resolve as per SLAs.
- Collaborated with the Network, Development, BI, Infrastructure, and Database teams.
- Installation, configuration, deployment, and maintenance of the Enterprise Hadoop Clusters using Cloudera Manager CDH.

Security:

- Secured the Cluster using MIT and Active Directory (AD) Kerberos for Authentication.
- Configured Sentry, LDAP, Extended ACLs, and POSIX Style Permissions for Authorization.
- Configured KMS for Data at Rest Encryption in the Production Environment.
- Expertise in implementing Data Governance on Hadoop Cluster.

Licenses & Certifications

Hadoop Foundations - Level 2-IBM

MapReduce and YARN- IBM

Hadoop Foundations - Level 1-IBM

EDUCATION

Bachelor of Engineering (BE), Information Technology

Dr. BAMU University, Aurangabad, Maharashtra.

Diploma in Information Technology

MSBTE, Maharashtra.

Akhilesh Ashokrao Dongre