



Taralkar Jaydeep

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HIGHLIGHTS

- Bachelor's Degree holder with 13+ years experience as System Admin and Analyst in UNIX and 4+ years experience in Cloudera / Apache Hadoop System, have worked on Solaris as primary skill along with Linux and UNIX (Redhat)
- Additional working Knowledge as a Hadoop Administrator (Cloudera Hadoop). HDFS,Hbase, Kafka , Solr , Django, Python, Chef.
- Certified and Working Knowledge of APaaS (Application as Service) which is a recent product of Redhat
- L3 Support and Major Incident management for Cloudera Hadoop
- Hadoop automation , developed hadoop inventory Tool with Cloudera API and Python
- Hadoop Archiving on Isilon storage and developed HDFS metadata analysis tool.
- Capacity planning of Hadoop
- Having good Hold in virtualization and patching of OS, also DR recovery and DR test. Having working Knowledge of Storage like Clarion , StorageTek, DMX, Isilon. L3 support experience for Solaris and having good Knowledge of veritas having 10+ years experience of handling high Severity calls and restoring the critical services.
- Solaris 10 Certified System admin along with ITIL V3 certified and Red Hat OpenShift certified

PROFESSIONAL EXPERIENCE

Assistant Vice President Hadoop, NY USA — Nov 2016 - Till Date

Barclays Technology Center , 1301 6th Ave NYC , USA

- **Hadoop major activities**

- Design / Architecture of Hadoop Cluster, Jobs schedule, Edge node configuration, Mysql
- Installation and configuration of Hadoop Cluster
- **Automation** of Hadoop upgrades and Installation using Chef
- Configuration of Hadoop alerting using Cloudera API and integrating it with Ticketing tool (Service Now / Service First)

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- Backup and security of Hadoop cluster , configuration of BDR
- Developed and Implemented HDFS metadata tool that can be used for capacity management and also find the usage trend.
- *Creating Front end for Flume in **Django**.*
- **Python automation** for backup and cluster admin task for L1
- Cluster upgrade and automation in **cluster upgrade with Cloudera API** .
- Writing customized parcel which are compatible for Cloudera.
- expectation setting and working closely with application for understanding the current and upcoming requirements.
- Worked on Initial setup of **Blue data** for spinning Hadoop cluster using Isilon.
- Designed and developed the **hadoop Archiving using Isilon**.
- **Integrated GridGain accelerator** with HDFS and Hive to hold database on **IGFS**.

Assistant Vice President Hadoop, Rainstor 2008 – Nov 2016

Barclays Technology Center Pune, Pune India

Accomplishments

- Achieved A grade for consecutive years and best Performer.
- Got promote twice in my tenure of 8 yrs.
- ITIL V3 certified and Solaris 10 system admin certified
- Redhat certified Openshift expert. 3.2 PAAS
- Having Sound Knowledge of Hadoop and OpenShift.

Responsibilities

- **Hadoop Build**
 - Design / Architecture of Hadoop Cluster , Jobs schedule , Edge node configuration , Mysql / MariaDB backup
 - Installation and configuration of Hadoop Cluster
 - **Automation** of Hadoop upgrades and Installation using Chef
 - Configuration of Hadoop alerting using Cloudera API and integrating it with Ticketing tool (Service Now)
 - Backup and security of Hadoop cluster , configuration of BDR
 - **DRF configuration** in Yarn to priorities the jobs on cluster
 - **HA-proxy** for Hive load-balancer
 - Automation using Python and Shell scripting
 - Cluster upgrade and automation in **cluster upgrade with Cloudera API** .
 - Writing customized parcel which are compatible for Cloudera
 - Node addition, decommission in Cloudera and apache hadoop.
 - Implementing High Availability of Name Node and, Yarn, Zookeeper, Hbase
 - User Management and user activity management with Navigator API for security compliance.
 - Teradata connector deployment for Hadoop Sqoop.
 - Performance tuning in Yarn for job optimization and execution
 - Configuration of BDR (Backup and Disaster recovery)

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- **Hadoop security**

- Kerberos configuration
- Navigator encryption for local log security, HDFS encryption at REST, In-flight encryption using ssl and 3des.
- Configuring KMS and KTS service and encryption in Hadoop.
- Configuration of sentry and kerberos in Cloudera Hadoop.
- Cluster penetration testing and vulnerability fix, automation in auditing cluster compliance and periodic scan.

- **UNIX.**

- Managing Veritas file system SVM Configuration of alerts on system (e.g. file system full, IP change or switch over)
- Patch Up gradation OS.
- Configures Jumpstart server for Solaris and NIM for AIX
- VERITAS cluster issue resolving, RCA for configuration issues in Barclays.
- Break fix for Linux (Redhat) and recovery (Rescue mode)
- Hardware uplifting and capacity planning for Hadoop cluster.
- Patching with Bladelogic tool and Chef
- Audit compliance check and fix all audit failure system
- System Data center migration and rebuild for Solaris Jumpstart and Solaris client from flar image.
- Handling sev1 and sev2 calls and service outage in hadoop
- Designing tasks for changes.
- Managing the resource groups in cluster.Switching the services in cluster.
- Solaris Cluster 3.2 admin

Other responsibilities in Barclays

- Setup of support team, defining escalation matrix, mutually agreed on SLA's
- Process improvement and making a GO-TO team for support.
- Service and expectation setup with Customer.
- Managing support with win-win situation for team member and Organization in terms of work life balance with team.
- Good experience in handling tough Customer and managed tight deadline with simple concept — Service First.

Member of system admin

2007 - 2008

Persistent System LTD, Pune India

Accomplishments

- Got to work with version control software (clearcase Rational -- IBM) Have worked on UNIX and Linux Systems.

Responsibilities

- Develop System for software engineer, Installation and restore the system upgrade and install software as per client requirement.
- Monitoring servers
- Configuring the servers for developers
- Resolving the user (developers) issues regarding system
- Installing OS (Solaris)
- Installing Oracle
- User account management
- NIS User management
- NFS file system management
- Patch Up gradation
- Configures Jumpstart server for Solaris and NIM for AIX

Customer Support Engineer

2005 - 2007

Wipro Ltd, Pune India

Accomplishments

I was recruited from college campus by Wipro and in a year i was promoted to Customer Engineer. got hand-on exp. on storage admin work as well. I have worked on Solaris (UNIX) System and also on Storage System.

Responsibilities

- Installed Sun Solaris 5.9,5.8 , 5.10 on Sun Fire 880, Sun Enterprise 450.
- Added external SCSI drives to the systems.
- Worked on NFS Server and Clients.
- Configured DHCP Server and Clients
- Configured DNS Server and FTP Server.
- Involved in installation and configuration of hardware and software of servers,workstations and I/O devices in Solaris environment.
- Implementing RAID Technology
- RAID level 1 + 0 and 5 were implemented for improving I/O subsystem demands, which require more throughput and higher availability than is available with standard interfaces and maintain data redundancy.
- Backup and restore of files & file systems using tar, cpio, ufsrestore and ufsdump
- Configured NIS
- Managing the complete NFS
- Monitored and maintained the system performance.
- Monitoring the backup jobs
- System performance and tuning
- Configuring printers using admin tool
- Managing user accounts and group accounts
- Installed Solaris operating systems and Installed Oracle, upgraded the software according to the requirement.
- Installed Solaris 8, 9 ,10 at various clients places on Sparc and Intel Hardware STORAGE

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- Installation of EMC storages , SUN storages
- Implementing RAID levels on DMX , clarion, and sun storages
- Trouble shooting the problem
- Changing and upgrading the storages
- Health checkup of EMC box
- Rack mounting of storages
- Host integration for AIX and clarions

PROFESSIONAL CERTIFICATIONS and LICENSING

Sun certified Solaris 10 system admin - India

Issued: 2007

Sun certified (Oracle now) which is a proof for system admin skill

ITIL V3 - India Process certification

Issued: 2010

Process certification from HP

Red Hat certificate of expertise in platform-as-a-services - India Issued: (#

150-051-043) 2015

Red hat Openshift certification. it's a cloud technology which makes easy for platform availability to application

Ics Lean Competency system --- 2015

Issued :- Certificate ID: barc-H08412162-20151124-AB416

certification for competence in Lean Thinking knowledge and Practice

Docker certified Associate -- 2019

Issued :- Docker Inc. certificate validate the knowledge with docker.

EDUCATION

Bachelor's Degree - B.E Electronics

Lokmanya Tilak collage of engine, Mumbai

2002 - 2005

College Diploma - Diploma Industrial Electronics

Satara Polytechnic Satara, Satara

1999 - 2002