**Vinay Kumar Gourishetty**

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**Summary**

Multi-disciplinary professional with 8 years of rich experience in Tableau Administration & Maintenance, BI Testing, Product Development with exposure of working on Tableau, OBIEE 11g/12c, ODI 11g/12C, & Vertica database.

**Professional Experience**

* Since December’21: HCL ., Hyderabad.
* January’21 to December’21: Microfocus., Bangalore.
* July’16 to January’21: Global logic India Pvt Ltd., Noida.
* April’14 to July’16: Business Intelli., Hyderabad.

**Technical Skills**

* **Visualization Tools:** Tableau, Oracle Business Intelligence
* **Database:** Vertica Database, Oracle Database, Big query
* **SQL Tools:** DB Visualizer, Dbeaver
* **Operating Systems:** CentOS, RHEL, MAC, Windows Server 2019, 2016,2012
* **Security and Authentication:** Kerberos, SSL.
* **Virtualization:** VMware, Oracle VM
* **Automation:** Workato

**Annexure:**

**Project IV**

**Client: **

**Environment**

*Tableau server V2021.2.16, Tableau server V2022.1.16, Tableau server v2022.1.8 – Linux, Tableau desktop 2021.2.16, Tableau desktop, big query, Qualtrics survey platform, Tableau content migration, Logshark*

**Responsibilities:**

**Tableau LBLM:** I led a team of three in the implementation of login-based license management at Google. We began by determining the number of licenses required and collaborated with the procurement team to obtain the necessary license. We implemented the license on a test server for all the mandatory testing’s before using it on PROD.

 Several iterations of testing were done including but not limited to:

* Working with the platform SRE team to deploy the Tableau desktop application on a test track that supports LBLM instead of key-based activation process.
* Identifying the prerequisites for onboarding users for testing LBLM at Google.
* Observing activation issues due to certain VPNs, discussing with the network team to determine the root cause, and receiving a customized package from the Tableau team to mitigate the issue.
* Testing with multiple users on Windows and Mac OS, and with different ATR expiries, before concluding the process and being ready for implementation on the production server.
* Successfully migrating the activation process from key-based to LBLM.

**Tableau Cloud:** To make Tableau server more compliant with security and privacy norms at Google a new Linux instance of Tableaus server has been deployed at Google cloud (GCP). A workflow was created by me to facilitate users' onboarding to Tableau, and an LDAP sync process was designed to synchronize Google's internal groups with Tableau groups. To migrate the existing reports from the on prem to cloud Tableau server tested and used Tableau content migration tool (CMT). Continuously supported new users to onboard their data to be compatible to use with Tableau cloud allowed data sources.

**Redesigning the Internal documentation:** All of Google internal documentation is present on a markdown referenced platform internal to Google. The tool uses syntaxes resembling HTML, JS, CSS. I created our teams’ documents on this tool about the topics such as Qualtrics, Tableau, Tableau on cloud and many other process flows. Also, I lead a team of 5 members in a initiative that migrates the whole Google sites documentation of our team to this new tool and was responsible to continuously update the documentation with the latest changes in teams or tools or upgradations etc.

**Qualtrics:** Qualtrics is a comprehensive survey software platform. It enables users to create surveys, distribute them, and collect and analyze survey responses.

* Redesigned the Qualtrics onboarding process to a self-serve mechanism which previously used to be very manual involving multiple days of synchronization
* Integrated the internal Google SFTP with the Qualtrics platform to store the survey responses.
* Creating groups and maintaining directories to enable the group of users to collaborate and share their surveys.
* Created a knowledge base to be implemented on a chat bot to enable reduced flow of user tickets.
* To maintain anonymity and avoid risk of impersonation, collaborated with Qualtrics support and administered domain changes.

**Business as usual:**

* Monitor server activity and usage statistics using Logshark to identify potential performance issues and enhancements.
* Created canned responses for Tableau, Qualtrics, and other general inquiries, which assisted in providing prompt answers to frequently asked questions and accelerated response times for customers.
* As part of the cleanup activity, identifying unlicensed users and removing them with the help of the Tableau Server REST API.
* To comply with internal audit policy and server cleanup process, we identify unused sites and dashboards, and remove them by contacting the owners.
* Creating groups, sites, and projects on Tableau Server, synchronizing the sites with internal LDAP with the groups to add the users.
* Work towards improving performance of Tableau Server components through maintenance, performance tuning, and troubleshooting.
* Created weekly, monthly, and quarterly business reports detailing all updates regarding Tableau server and Qualtrics within the project.
* Worked with end-users, administrators, business intelligence architects, and developers to plan and implement solutions for tickets regarding Tableau and Qualtrics.

**Project III:**

**Client:** 

**Role: Engineer II – Partner Support.**

**Environment**

*Vertica Server 7.X, 8.X, 9.X, 10.X, Tableau Desktop, Workato, Tableau Linux, Tableau Windows Server, Tableau Bridge, Tableau Online, OBIEE 11.1.1.7, OBIEE 11.1.1.9, OBIEE 12.2.1, Apache Superset, VMWare, Centos 7.x, Windows Server 2012,2016.*

**Responsibilities:**

**Tableau - Support**

* Involved in the integration testing of entire Tableau products with Vertica.
* Responsible for installing, Upgrading, maintaining the servers of Tableau.
* I have developed a quick start which is a simple application implemented as a set of Tableau dashboards powered by the Vertica Analytics database. It shows how retails companies could use Vertica and Tableau to quickly explore, visualize and gain insight into their data stored in Vertica.
* Developed best practices document which gives insights of working with
* Parallel query processing
* How to use pass-through functions in Tableau which are Vertica specific.
* Using XML files for configuring the Maximum number of connections.
* Using TDC & TDS files for enabling load balance, Buffer size, Session labels and other Vertica connection properties for secure tracking query processing in Vertica.
* Functionality and Object testing of new beta or pre-releases of Tableau for bug rectification before the release
* Installed Tableau Linux Server for several releases
* I worked on the Tableau bridge setup to test live connections from on-premises to the Tableau Online.
* Installed and maintained the Kerberos Setup for single sign-on authentications from Tableau to Vertica server.
* Reproducing the customer issues and giving them the best possible solutions.
* Collaborated with the sales team for customer POC'S. Helped the sales team for their setup of Tableau Desktop, Tableau Linux

**Vertica - Support**

* Worked with Vertica versions 7.x, 8.x, 9.x, and 10.x.
* Worked in the Vertica partner integration team and developed multiple best practices documents, quick starts, and connection guides, which were recommended to customers by Vertica SMEs.
* Investigated and reproduced complex issues of Vertica.
* Installed and upgraded Vertica according to requirements.
* Worked on installation issues on various operating system platforms.
* Prepared machines in VSphere with the recommended operating system requirements for installing Vertica.
* Configured Vertica server-side setups such as load balancing, SSL, and Kerberos.
* Demonstrated in-depth knowledge of working with client drivers like ODBC, JDBC, Vertica-Python, and UnixODBC.
* Loaded data from multiple JSON files into the flex tables and tested it with other external BI-tools.

**Oracle Business Intelligence ( OBIEE ) - Support**

* Deploying of Oracle business intelligence in Fusion Middleware.
* Testing of Vertica features, datatypes by developing the RPD.
* Configured the OBIEE Linux Version environment with Vertica ODBC, and UnixODBC.
* Created documents for configuring the UnixODBC settings into the core application of OBIEE. This document are used as a reference by the customers for configuring environment with Vertica ODBC Driver against OBIEE.
* Involved in POC'S migrations of reports from the Oracle to Vertica. Collaborated with the sales team to explain what kind of challenges they might face while migrating the reports/ dashboards from oracle to Vertica.
* Developed RPD'S for Oracle to Vertica migration with Vertica specific settings & features.
* Reproduced and solved so many customer issues in OBIEE Linux which are related to the ODBC Functionality.

**Project II:**

**Client: **

**Role: Senior software Engineer – Partner Engineering**

**Environment**

*Vertica Server 7.X, 8.X, 9.X, 10.X, Tableau Desktop, Workato, Tableau Linux, Tableau Windows Server, Tableau Bridge, Tableau Online, OBIEE 11.1.1.7, OBIEE 11.1.1.9, OBIEE 12.2.1, Apache Superset, VMWare, Centos 7.x, Windows Server 2012,2016.*

**Responsibilities:**

* Strong experience in providing end-to-end business intelligence solution by configuring metadata and building OBIEE Repository via Oracle as well as Vertica drivers (ODBC, unixODBC, Data Direct) and many customer issues/bugs.
* Worked with stakeholders in order to understand the metrics needed to ensure data integrity and most valuable and effective metrics
* Executed & participated in full lifecycle of analytics/BI/Data Visualization starting from gathering and understanding the stakeholder needs, creating design, architecting the solution and implementation. • Executed the functional and product tests before delivering solutions to stakeholders.
* Created best visualization product to represent the kind of data at hand.
* Able to understand how best to represent various data forms, e.g. text, numbers, ranges, images utilizing various visualization techniques, charts e.g. box charts, histograms, word cloud, bubble chart, heat maps, tree maps, waterfall etc.
* Expert at bringing data from different data sources into the visualization tool e.g. Oracle, Vertica, DB2, flat files, etc.
* Created powerful insights/dashboards and Analytics using Power BI, Tableau Desktop & Tableau Online/Server, managed Admin activities too
* Managed the troubleshooting process, performance tuning of reports and resolving issues within Tableau server and reports
* Sound technical and analytical expertise while responding to specialized report requests requiring higher-level data analysis and data management services
* Extensive experience on BI feature testing, datatype testing as well as integration analysis with drivers including JDBC, ODBC, ADO.net and OLEDB drivers

**Project I:**

**Role: Associate software Engineer – OBIEE & Linux Support**

**Environment**

*Oracle Business Intelligence Publisher, OBIEE 11.1.1.7.0, Red hat enterprise 6&7, CentOS 6&7*

**Responsibilities:**

* Install, configure, and administer Red hat 6&7 and CentOS 6&7 OS.
* Perform regular system backup.
* Install and configure Apache in RHEL and CentOS.
* Configure firewall using iptables and selinux for system security.
* Reports Bursting/Scheduling for Individual Users and Trusts using Oracle BI Publisher
* Worked on Physical, Business Model & Mapping Layer and Presentation Layer of RPD using BI Admin tool
* Involved in development, unit testing, requirement gathering and requirement analysis
* Worked as Admin for creation, deletion, amendment and bugs reporting using Citrix, vQSM and IT Intranet
* Track and Monitor the Reports and Cost Centers status on Oracle BI Answers and Dashboards

 **My Key Sole Integrations/Work published globally on web:**

* [***Tableau Best practices document***](https://www.vertica.com/kb/TableauTT/Content/Partner/TableauTT.htm)
* [***Tableau Quickstart with Vertica***](https://www.vertica.com/kb/Vertica-QuickStart-for-Tableau/Content/Partner/Vertica-QuickStart-for-Tableau.htm)
* [***Vertica Integration with Tableau: Connection Guide***](https://www.vertica.com/kb/Vertica-Integration-with-Tableau-Desktop-Connection-Guide/Content/Partner/Vertica-Integration-with-Tableau-Desktop-Connection-Guide.htm)
* [***Vertica Integration with Oracle Business Intelligence Suite Enterprise Edition (OBIEE): Connection Guide***](https://www.vertica.com/kb/Vertica-Integration-with-OBIEE-Connection-Guide/Content/Partner/Vertica-Integration-with-OBIEE-Connection-Guide.htm)
* [***Configuring OBIEE for Optimal Performance with Vertica***](https://www.vertica.com/kb/Configuring-OBIEE-for-Optimal-Performance-with-Vertica/Content/Partner/Configuring-OBIEE-for-Optimal-Performance-with-Vertica.htm)
* [***Vertica QuickStart for OBIEE***](https://www.vertica.com/kb/Vertica-QuickStart-for-OBIEE/Content/Partner/Vertica-QuickStart-for-OBIEE.htm)