



Overview :

The EDB Technical Team at Taashee Linux Services achieved success with the completion of a major project with Electronic Corporation of Tamil Nadu, one of the reputed South Indian companies in the IT domain. Our client was experiencing major issues because of the lack of proper diagnosis for hardware, operating system, middleware and applications, which was a huge setback. Also, the lack of tuning with respect to Database, Parameters, and Performance too was bothering a lot resulting in overall productivity downslide.

Client Introduction

Our client is associated with the Healthcare sector providing essential medical services of top-notch quality to the poor, disadvantaged and tribal groups. The company focuses upon improving the health status of people belonging to the lower socio-economic strata. New approaches to address non-communicable diseases, addressing the

health needs of the tribals and partnerships with the NGOs form the core of this project. The health system project will assist in fulfilling the aims of the Health Policy through the following interventions.

Client Issues

Q Performance Degradation

The client was facing a major issue with degraded performance because of poor architecture management. There was no sync achieved among operating systems, databases, web services, and applications, which was affecting the performance levels greatly.

A Solution

PostgreSQL experts from Taashee overcame all such problems by providing solutions in a structured manner. The major activity performed in the process was scheduling a regular Architectural Health Check (AHC) for every six months as suggested by EDB and Red Hat.

Q Database Overheads

As there is no built-in connection pooling mechanism available in PostgreSQL, it resulted in the client running into increased database related overheads coupled with poor performance. The number of connections could not be increased due to certain system limitations.

A Solution

Connection pooling was the solution offered to the client, which was implemented by PostgreSQL experts as Taashee as suggested and approved by EDB. Also, the problems related to multi-master replication too was resolved with conflict prevention techniques.

Q Infrastructure Disparity

One of the frequent issues the client faced was that of ineffective management of technology and database infrastructure. Additionally, there was no proper backup strategy available in case of anycrashes / disasters due to human-induced errors.

A Solution

Taashee's PostgreSQL experts zeroed upon a comprehensive backup strategy that resulted in HA solutions apart from managing all the processes related to replication. The logical backup process was executed successfully through `pg_dump`.



Additional Solutions Provided

- ▶ Performance tuning of operating systems and databases.
- ▶ Implementing routine maintenance tasks.
- ▶ Defining a Backup & Recovery policy.
- ▶ Provided patch updates to improve the performance of database and OS.

- ▶ Instant resolutions provided to the client issues aimed at enhancing productivity and improving efficiency.

Our Unique Features

Taashee Linux Services maintains a strong team of developers and engineers who are capable of resolving client issues by providing the best resolutions reflecting the latest industry technologies.

At Taashee Linux Services, we understand the requirements of our clients and always strive to meet their expectations in the best of our capacities. Given below are some of the features that differentiates us from our competitors.

- ▶ Global implementation practices laced with robust technologies and industry-accepted standards.
- ▶ Innovative client trusted methodologies reflecting the need of the hour with clear focus upon future requirements.
- ▶ Strategic partnerships with industry leading open source technology service providers.

Learn More

Taashee Linux Services plays a proactive role in assisting clients with the analysis of their current requirements.

Our dedicated Sales Team is capable of supporting you in undergoing the Digital Transformation that is quintessential for your growth.

Taashee Linux Services is a customer-centric Open Source Software (OSS) company offering a one-stop solution for the diverse requirements of clients. Our dedicated team of certified engineers and passionate developers handle various projects related to implementation or development of open source technologies.

For more information, please log onto: www.taashee.com



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