

About Gionee Mobiles (Jaina India Private Limited)

Gionee Communication Equipment Co. Ltd. is a high-tech enterprise that focuses on R&D, production and sale of cellular mobile devices. In 2005, Gionee obtained the GSM and CDMA mobile phone production license.

The Jaina Group is a reputed distribution house with interests in telecom and consumer durables. Jaina India Private Limited takes care of all India operations of Gionee Mobiles.

Problem Statement

- Entire physical infrastructure hosted outside India.
- All physical (bare metal) infra running in SoftLayer Singapore.
- As per government, all Indian mobile service providers need to host all their infrastructure in India.
- All the infrastructure got hacked, all the applications were down.
- No application architecture.
- No local support team for the application.
- Lack of trusted tools available in the market for physical to cloud migration.

Solution

- Recovered all the server from the hack.
- Fixed all the vulnerabilities.
- AWS was selected as the preferred hosting provider.
- Entire infrastructure was migrated from physical to the cloud in just one month of project kick off.
- Identified all the application level dependencies and resolved them.
- Integrated several AWS services in order to improve application performance.
- AWS Cloudwatch and Zabbix implemented for 24x7 dual monitoring approach.
- The entire project was completed in a before the promised timeline

How Gionee Mobiles (Jaina India Pvt. Ltd.) optimized their IT spends by migrating to AWS Cloud.

Today, cloud technology has made our lives so much easier by making infrastructure flexible, scalable and easily manageable. This is one of the reasons why Indian Government is encouraging all the organizations to use modern technology so that the end users can ultimately reap the benefits. One of the standards which the government set for all the mobile service providers was that all their infrastructure should be hosted in India.

Gionee Mobiles being an international brand was hosting their data in physical infrastructure in SoftLayer Singapore. In order to continue operations in India and comply with government norms, Geonee Mobiles had to migrate all their infrastructure in India. There was a lack of trusted tools available in the market for physical to cloud migration. Additionally, the servers got hacked and there was no local support team for the applications.

Gionee Mobiles (Jaina India Pvt Limited) selected TechNEXA Technologies to find out vulnerabilities, eliminate the hack, and migrate their infrastructure to the cloud in India.

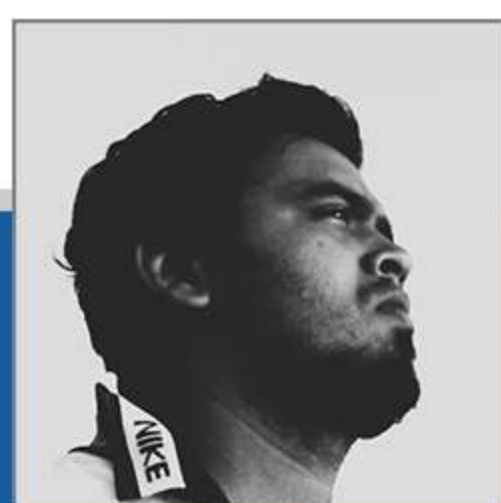
After scoping and gathering all the requirements, Amazon Web Services was selected as the trusted partner for Cloud Migration in India. A few of the main reasons were the scalability, flexibility and fault tolerance the platform offers while being compliant to all the security norms.

TechNEXA's security team audited the servers and eliminated all the vulnerabilities and hacks, making the environment safe to migrate to the cloud. After getting approval on the project plan, TechNEXA's cloud specialists migrated the entire infrastructure to the cloud in just one month of the project kick off.

As there was no local support team for application, TechNEXA being the implementation partner took the responsibility of identifying all the application level dependencies and addressing all of them. Post dependency checks, all the applications were running successfully on AWS India Cloud Infrastructure.

In order to improve application performance, several AWS services like elastic cache, RDS, ELB, & Cloud Front were integrated. AWS Cloudwatch and Zabbix were also implemented for 24x7 dual monitoring approach so that the team is always ready to tackle any anomaly in the network.

The project was completed within the stipulated timeframe and is currently running on AWS Cloud.



Shashank Maheshwar Desai
GM - VAS, Jaina India Pvt Ltd

“Thank you TechNEXA for the excellent support and helping us migrate to the cloud. The cloud journey was amazing and was completely effortless, thanks to the dedicated professionals who spent numerous hours to get the project completed way before time. We are really excited about the cloud and still exploring on how can we achieve even more. TechNEXA is definitely our partner of choice for cloud services.”

Benefits:

1. **Attained Government Compliance** - Jaina Marketing India Private Limited was able to achieve government compliance as all the infrastructure was not hosted in the cloud in India.
2. **Scalability** - All the applications are not scalable and can handle any kind of traffic volume, all thanks to robust AWS architecture.
3. **Full control on infrastructure** - Initially all the infrastructure was hosted in SoftLayer Singapore and the organization did not have full control over it, But now as the infrastructure has moved to India and is in the cloud, it's fully accessible by the organization.
4. **Better Security** - Because of the robust cloud infrastructure and added security layers, the infrastructure is now secured from all kinds of hacking and malware attacks.
5. **Improved Application performance** - The application performance improved drastically as the team made sure all the application dependencies are resolved and the applications are in full synchronization with the infrastructure.

About TechNEXA Technologies

TechNEXA Technologies Private Limited is an emerging IT consulting organization that implements and maintains high-performance IT systems for organizations of all sizes across a wide range of industries.

TechNEXA Technologies was founded with the aim to change the way how the IT service industry claims and delivers. It was also founded as a response to the ever-present challenges of rapidly changing technology, budget limitations, lack of expertise and existing inflexible vendor contracts. With a notable presence in 4 cities and strong technology partner network including AWS, Cisco and Fortinet, we leverage the low-cost advantage and offer customized yet cost-effective IT consulting services.