



## Case Study of Leading Indian Bank NGINX Plus Deployment

### Leading Indian Bank Business

Leading Indian Bank which earlier was a microfinance bank commenced operations as a SFB on January 23rd 2017.

As a bank,

- Their existing services consist of credit products suite of MFI loans, Vikas Loans, Shopkeeper Loans etc. to new and current customers.
- They offer digital banking as the key account differentiator to customers using the extensive seeding of Aadhar biometric identification system, NPCI's payment systems and mobile technologies whilst continuing to explore banking through traditional channels.
- They are focused on the unserved and the underserved through innovative banking practices and continue to expand reach in states where we currently don't have a presence.

### The Need for a Solution

- Previously the bank was using multiple different Reverse Proxy vendors (Apache, IIS, etc.) to provide hosting for their multiple applications.
- There was a need to consolidate the setup and have a centralized approach to serving and continuing with Application delivery, for which they needed a Web Server strong enough to handle multiple concurrent connections seamlessly along with simplicity to deploy and operate.
- Wysetek proposed and implemented NGINX Plus as the solution considering the need and requirements of the bank.

### The Implementation

- Wysetek team converted the configuration of all the different reverse proxies used in the existing setup to NGINX Plus supported code.
- After the code was verified, tested for UAT; a phased approach for per Application migration to the new solution was followed.
- System Hardening and Vulnerability patching based on latest App Sec observations was performed to make sure the solution follows all the best practices and Security Guidelines.

### Benefits

The benefits of NGINX Plus depend on your organization's current environment and requirements:

- Having a single centralized solution, relieves the Bank Operations team from maintain resources that specialize in different vendors and also maintaining same level of compliance and behaviour control in different vendors environment.
- NGINX Plus eliminates the complexity of managing a "do-it-yourself" chain of proxies, load balancers, and caching servers in a mission-critical application environment.
- It provides a full set of ADC features in a much more flexible software form factor, priced as a cost-effective subscription.
- It is backed by the 10-year track record of NGINX Open Source powering the world's busiest websites.

### Key Features of the Solution

## **Case Study of Leading Indian Bank NGINX Plus Deployment**

NGINX Plus is convenient, fully supported by NGINX, Inc., and provides a range of advanced features.

- It's convenient – Install prebuilt and tested binaries from NGINX's private repo.
- It's supported – Take advantage of full support and updates from NGINX, Inc., the team behind both NGINX Open Source and NGINX Plus.
- It's feature-rich – NGINX Plus combines the functionality of a high-performance web server, a powerful front-end load balancer and a highly scalable accelerating cache to create the ideal end-to-end platform for your web applications. NGINX Plus is built on top of NGINX Open Source and F5 is continuing to develop NGINX Open Source.

Note:-

**Customer Name:** Leading Indian Bank

**Reverse Proxy Solution:** NGINX Plus