

# Wysetek implements Infoblox DDI Solution for a leading bank



## The solution helped the bank's IT team to control all aspects of IPAM, DNS and DHCP using Infoblox's one integrated platform.

India's largest private sector Bank is a high quality, customer centric, service driven, bank catering to the Sunrise Sector of India.

The full Service Commercial Bank, has a comprehensive product suite of Financial Markets, Investment Banking, Corporate Finance, Branch Banking, Business and Transaction Banking, and Wealth Management business lines across the country.

### The Challenges

The organization has invested in several state-of-the-art technology initiatives and successfully implemented them. Since inception, it has pursued outsourcing, as part of its strategy. The philosophy of the Bank has been to engage with select partner companies who are acknowledged leaders in their products or businesses in developing specific solutions for them that are differentiators in the marketplace.

Network operators across organisations today face the big challenge to provision and activate large numbers of devices in as short a time as possible. Also accurate IP subnet maintenance, Inventory management for IP Addresses is a complex and time consuming process especially for banks with large number of users and mounting transactions across its networking infra.

The unprecedented growth in devices is placing tremendous strain on traditional IP address management (IPAM) and Dynamic Host Configuration Protocol (DHCP) systems. Legacy solutions for these systems are not equipped to handle the enormous challenges of provisioning vast numbers of IP addresses effectively across diverse physical, virtual infrastructure, and private and public cloud environments. To make matters worse, traditional IPAM tools involve a high degree of manual effort, often conducted in isolation from DNS, DHCP, and other essential network management activities.

### Role of Wysetek

The customer (bank) was seeking a technology solution to help them solve this problem. The task was assigned to Wysetek as a technology partner to implement a solution in Dynamic Host Configuration Protocol (DHCP) systems to track, provision, assign and decommission IP addresses in your network along with historical data.

Wysetek Systems Technologists with more than 2 decades of rich experience in providing Integrated Technology Solutions to Corporations across India has a strong team and domain expertise in information security, network management and other technologies.

Wysetek Team suggested Infoblox DDI Solution around DNS DHCP and IPAM. With Infoblox IPAM and DHCP, the customer could automate and centralize all aspects of IP address provisioning and reliable DHCP server management in conjunction with DNS. The integrated platform enabled them to confidently handle challenging IPAM and DHCP requirements in every type of network environment, data centres, and hybrid cloud environments.

### How Solution Helped the Organization

The DDI solution helped the bank's IT team to Control all aspects of IPAM, DNS, and DHCP using one integrated platform. The manual processes and patchwork tools was eliminated, increasing IP address management efficiency and lowering costs. The customer also could use powerful automation capabilities to turn IP devices on or off and reconfigure their connections remotely from a centralized console. Readily detect unmanaged devices in network in near real-time using a combination of advanced automation and data-driven insight was a great benefit too.

Infoblox IPAM works in conjunction with Infoblox DNS Firewall to automatically flag and quarantine infected devices, enabling the customer to secure them in near real time. With extensive integration and data sharing capabilities, Infoblox helped analyse IP assets in context with the customer's entire infrastructure to help ensure the network continuously complies with regulatory and corporate policies.

### Key Benefits

Infoblox provides complete administration auditing, with all administrative actions being both logged to an audit log and optionally being written to SysLog. This allows administrators to provide a complete audit history on a per-administrator basis or on a per-protocol object basis. Additionally, Infoblox has created a task dashboard allowing users to monitor daily tasks without the need for navigating away from the dashboard.

With built-in packet capture, Infoblox provided administrators the ability to look at the traffic being received and returned from any grid member at any time. Infoblox also provides detailed logging of all services on all members of a Grid for additional troubleshooting resources.

With Infoblox DDI Solution implemented at the leading bank by Wysetek, the strain due to unprecedented growth in devices on traditional IP address management (IPAM) and Dynamic Host Configuration Protocol (DHCP) systems was reduced.

Legacy solutions for these systems are not equipped to handle the enormous challenges of provisioning vast numbers of IP addresses effectively across diverse physical, virtual infrastructure, and private and public cloud environments. But the solution by Infoblox helped lot of automation to reduce the manual effort needed by traditional IPAM tools which is often conducted in isolation from DNS, DHCP, and other essential network management activities.

#### What is DDI Infoblox?

- The unprecedented growth in devices is placing tremendous strain on traditional IP address management (IPAM) and Dynamic Host Configuration Protocol (DHCP) systems.
- Infoblox IPAM and DHCP helps automate and centralize all aspects of IP address provisioning and reliable DHCP server management in conjunction with DNS.
- Our integrated platform enables you to confidently handle your most challenging IPAM and DHCP requirements in every type of network environment, data centres, and hybrid cloud environments.

### Salient Benefits of Solution offered by Wysetek

- Provides complete administration auditing, with all administrative actions being both logged to an audit log and optionally being written to SysLog.
- A strong importance on navigation and ease of use helps the users save time with common tasks associated with DDI management and maintenance.
- Functions such as Smart Folders and bookmarks allow users to do common tasks against data organized to match their enterprise's architecture.
- Task dashboard allowing users to monitor daily tasks without navigating away from the dashboard.
- With built-in packet capture, administrators have the ability to look at the traffic being received and returned from any Grid member at any given time.