



SOHA API MANAGER

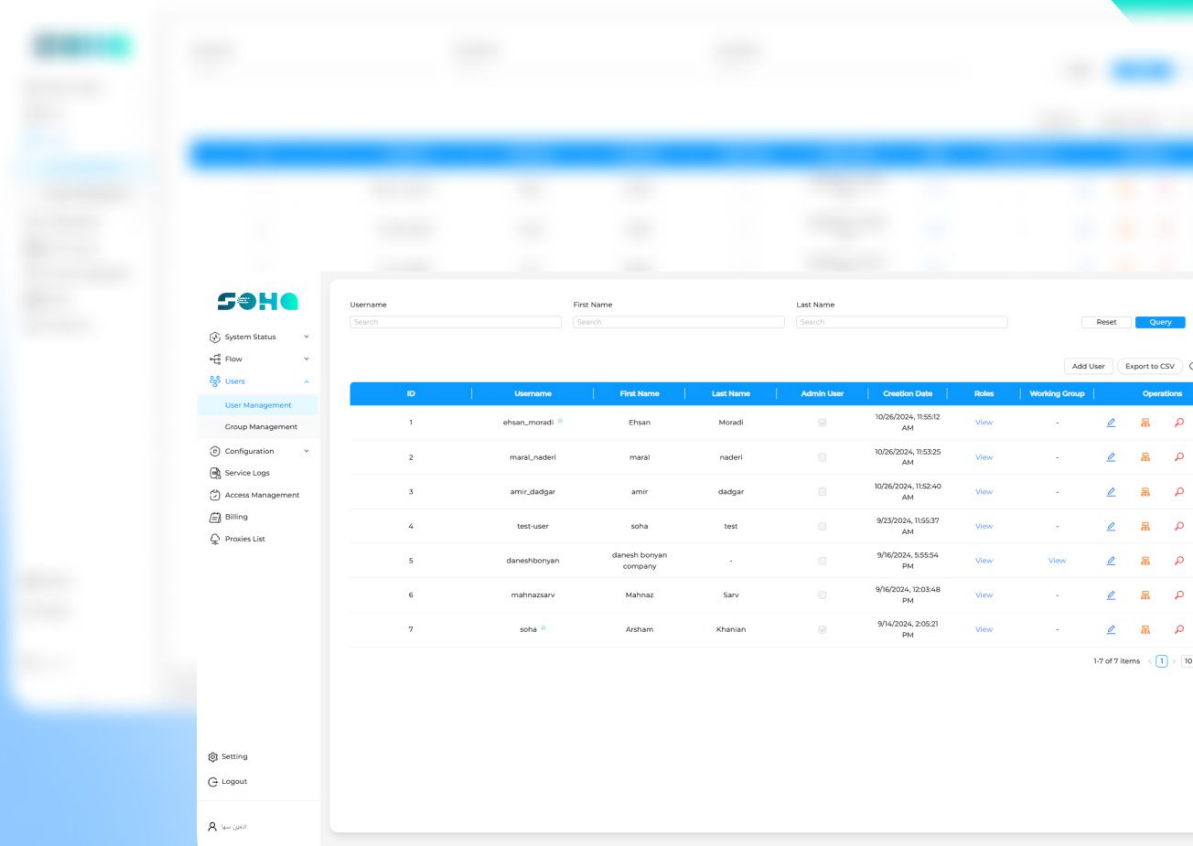
API

Enterprise Resource Planning

SOHA API MANAGER

Soha Company, building upon its past experiences and leveraging expertise from enterprise products like IBM AppConnect and MuleSoft, has developed its advanced API Management System based on Agile Integration architecture. This system serves as an integrated gateway for API management, authentication, user access, and logging. Designed for organisations of all sizes—both small and large—it fully addresses their API management needs.

Soha's API Manager is developed using the best open-source tools on the Java platform, ensuring independence from external systems that require licensing for service delivery. The system is built to be cloud-native and follows a cloud-first strategy, allowing seamless integration with all cloud-based tools. Installation and deployment on Kubernetes/OpenShift are performed easily and automatically, with pre-configured settings for features like Horizontal Pod Autoscaling (HPA) and load balancing across all components.

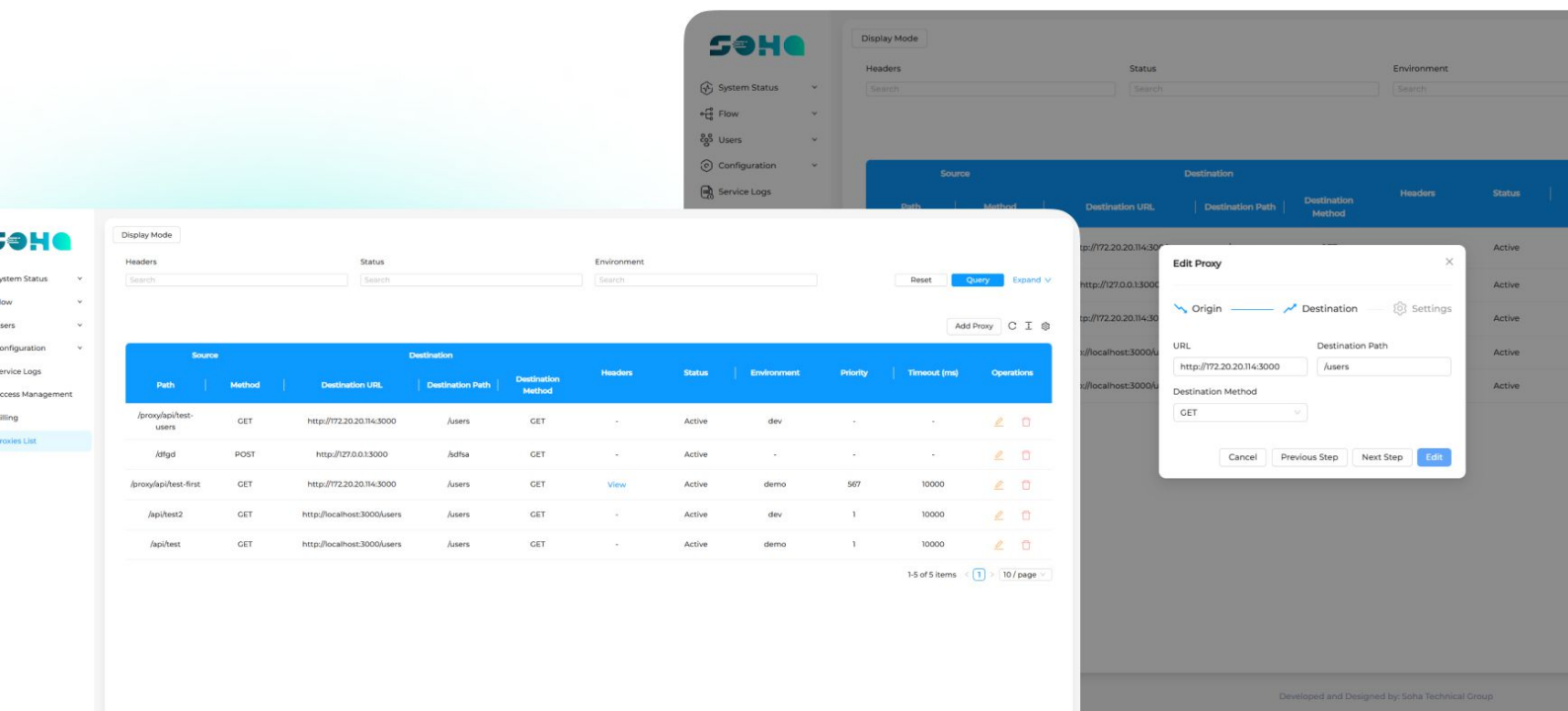


Advantages:

- **Integrated User Management & Single Sign-On:** Seamlessly create and manage users through a unified platform.
- **Role-Based Access Control:** Implement access permissions based on user roles to enhance security and enforce user access limitations to resources based on assigned roles.
- **Real-Time System Monitoring:** Monitor and view system status in real-time to ensure optimal performance.
- **Customizable Service Invocation Limits:** Define limits on the number and frequency of service calls per user.
- **Comprehensive Request and Response Logging:** Log all requests and responses with unique identification codes for thorough tracking and auditing.
- **Resource Definition and Access Control:** Define system resources, such as existing APIs, and apply specific access permissions.
- **Proxy Service Configuration:** Define services as proxies with the ability to set priorities, timeouts, and add or remove headers for each API.
- **Pod-Level Monitoring:** Monitor CPU and RAM usage at the pod level for efficient resource management.

Special Features:

- **Compliance with CNCF and Cloud-First Strategy**
- **Scheduled User Access Control:** Manage user access within specific date ranges and hours of operation & Control the permissible number of service calls for each user.
- **IP-Based Access Restrictions**
- **Alert Notification Integration:** Connect with alert notification infrastructures such as SMS, email, and push notifications.
- **Cloud Infrastructure Deployment:** Easily install on cloud platforms like Kubernetes or OpenShift.
- **Docker Image Availability:** Available as a Docker image for flexible and containerized deployment options.
- **High Transaction Throughput:** Capable of handling at least 1,000 transactions per second with default settings, and higher capacities with custom configurations tailored for clients.



SOHA API MANAGER

Advantages:

- Simple and user-friendly interface for designing and creating flows
- No-code connection and integration of APIs and databases
- Support for various types of databases and data formats
- Easy management and integration of APIs
- Generation of unified and customized outputs tailored to business needs
- Ensures effective and efficient execution of flows

Features:

- Ability to define each node as representing an API or database
- Capability to design precise and personalized flows
- Perform complex operations with just a few clicks
- Reuse of received data in subsequent calls
- Support for a wide range of databases and data formats

