

FruitSalade - Quarterly Report

Summary

This quarter saw significant progress on the FruitSalade platform. Key milestones include the completion of multi-backend storage, RBAC-based group permissions, and the new web application.

Infrastructure

- PostgreSQL metadata store with 7 migrations
- S3, Local, and SMB storage backends via Router
- Docker deployment with embedded PostgreSQL
- Prometheus metrics and Grafana dashboard

Client Features

- FUSE client with on-demand file hydration
- LRU cache with configurable size and pinning
- SSE-based real-time sync notifications
- Conflict detection and version history

Security

- TLS 1.3 with automatic certificate management
- JWT authentication with token rotation
- OIDC integration for enterprise SSO
- Per-user rate limiting and quotas