

NGINX Configuration Analysis & Refactoring

Introduction

This document analyzes the current NGINX configuration and proposes refactoring strategies.

Summary of Functionality

The NGINX configuration serves as a reverse proxy, load balancer, and security layer.

Identified Areas for Improvement

Key improvements include better routing, caching, and modular scripting.

Proposed Refactoring Strategy

The plan includes consolidating Lua scripts and improving error handling.

Modularizing Lua Logic

Breaking scripts into reusable modules enhances maintainability and efficiency.

Conclusion

Implementing these improvements will enhance performance, security, and scalability.