

## **The Haunted Lighthouse Limited**

Object Storage and MinIO Hosting

Technical Briefing v2.0

### **1. Overview**

Modern platforms generate significant volumes of media and binary data. The Haunted Lighthouse Limited provides managed object storage using MinIO, a high performance S3 compatible system hosted entirely within the European Union. This service delivers predictable, scalable storage without cloud vendor lock in.

### **2. Who This Service Is For**

- Mastodon and Forgejo deployments with growing media requirements
- Organisations requiring EU based object storage
- Teams needing S3 compatible storage without reliance on AWS
- Clients seeking predictable costs and direct operational control

### **3. What We Provide**

#### **Storage deployment**

- Dedicated MinIO storage instances
- S3 compatible API access
- Bucket level access controls
- Optional CDN free delivery paths

#### **Operational management**

- Continuous service monitoring
- Nightly encrypted backups of object data
- Redundant off site encrypted copies
- Managed encryption key rotation

#### **Support**

- Integration with Mastodon, Forgejo, and CI systems
- Migration of existing object storage
- Guidance on bucket policies and lifecycle configuration

### **4. Technical Approach**

- Bare metal hosting within the European Union
- High performance MinIO clusters
- TLS termination using Caddy
- Encrypted storage volumes
- S3 version 4 signed requests
- Optional path style access for compatibility

### **5. Security and Compliance**

- Object storage hosted exclusively within the European Union
- Encrypted buckets and encrypted backups
- Scheduled access key rotation
- Optional IP restricted access policies

### **6. Support and Maintenance**

- Scheduled platform updates
- Monitoring of storage growth and performance
- Break fix support for storage services
- Migration assistance for legacy media and data

### **7. Pricing Structure**

Pricing consists of a base deployment fee with ongoing charges based on retained storage volume and optional migration services. Detailed pricing is provided following a requirements discussion.

## **8. Next Steps**

To begin engagement:

1. Contact The Haunted Lighthouse Limited
2. Discuss storage requirements
3. Receive a tailored proposal
4. Deploy and integrate the storage service

## **9. Contact**

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