

Deployment & Scalability Infrastructure Blueprint

1. Overview

[Brief summary of the infrastructure approach, key objectives, and targeted capacity.]

2. Key Components

- [Describe Application Servers]*
- [Describe Database Layer]*
- [Load Balancers]*
- [Caching Mechanisms]*
- [Storage Solutions]*
- [CDN/Edge Services]*

3. Infrastructure Diagram

[Insert architecture diagram image or ASCII diagram here]

4. Deployment Strategy

- [Describe CI/CD pipeline]*
- [Deployment automation tools]*
- [Zero-downtime deployment methods]*

5. Scalability Plan

Component	Scaling Method	Triggers
<i>[App Server]</i>	<i>[Horizontal/Vertical]</i>	<i>[CPU usage, response time]</i>
<i>[Database]</i>	<i>[Read replicas, partitioning]</i>	<i>[Query latency, connection count]</i>

6. Monitoring & Alerts

- [Tools for monitoring infrastructure]*
- [Key metrics and thresholds]*
- [Alert notification channels]*

7. Disaster Recovery & Backup

- [Backup frequency & location]*
- [Recovery Point/Time Objectives]*
- [Failover process]*

8. Security Considerations

- [Authentication/Authorization]*
- [Network segmentation]*
- [Secrets management]*
- [Compliance requirements]*

Document History

Date	Author	Change
[YYYY-MM-DD]	[Name]	[Created initial draft]