

FOR DEVOPS/INFRASTRUCTURE TEAM

Server & Infrastructure Checklist:

- 1. SSL/TLS certificates:
 - Valid certificates for all domains
 - Auto-renewal set up
 - Test SSL labs grade A or A+
- 2. Server hardening:
 - Firewall configured (only ports 443, 80 open)
 - SSH secured (no root login, key-based auth)
 - Regular security updates automated
- 3. Monitoring & alerts:
 - Security monitoring set up
 - Alerts for: failed logins, high CPU, disk full
 - Log retention: 14 days minimum
- 4. Backup system:
 - Daily automated backups
 - Backup encryption enabled
 - Test restore procedure works
- 5. Environment setup:
 - Separate environments: dev, staging, production
 - Environment variables for secrets
 - No secrets in code repositories
- 6. DDoS protection:
 - Basic rate limiting at infrastructure level
 - Monitoring for unusual traffic patterns

Deployment Security Checklist:

- 1. Pre-deployment checks:
 - Security scan passes
 - Dependencies checked for vulnerabilities
 - SSL verification passes
- 2. Deployment process:
 - Can roll back quickly if problems
 - Deploy during low-traffic hours
 - Monitor closely after deployment
- 3. Access control:
 - Limited access to production servers
 - Two-factor authentication for admin access
 - Access logs maintained