Change Implementation Plan Example for DevOps

Overview

Project Name: Web Application Release v2.1
Change ID: CHG-0245
Owner: DevOps Lead
Planned Date: 2024-07-15

Objectives

- Deploy v2.1 to production
- Automate deployment with CI/CD pipeline
- Ensure rollback readiness

Stakeholders

Name	Role	Responsibility
DevOps Lead	Change Owner	Coordinate and oversee implementation
QA Lead	Quality Assurance	Verify deployment success
Developer	Contributor	Support deployment
IT Support	Support	Monitor system health

Implementation Steps

1. Notify stakeholders and schedule maintenance window
2. Backup production databases and files
3. Tag release in version control
4. Trigger CI/CD pipeline for deployment
5. Monitor deployment logs and application status
6. Run smoke tests and sanity checks
7. Confirm deployment completion and notify stakeholders

Risk Assessment & Mitigation

- **Deployment failure:** Ensure rollback plan is in place and backups exist
- **Service downtime:** Schedule deployment during low-traffic hours
- **Configuration errors:** Verify configs in staging first

Rollback Plan

1. Revert deployment using CI/CD rollback script
2. Restore previous database and files from backup
3. Notify stakeholders of rollback and status
4. Investigate failure before reattempting release

Approval

Approved By: Jane Doe (Engineering Manager)
Date: 2024-07-10