

Security Validation Checklist

Pre-Migration Security Verification

Automated Security Validation

```
# Download and run the comprehensive security validation script
wget
https://raw.githubusercontent.com/AriaShaw/AriaShaw.github.io/main/scripts/security_validation.sh
chmod +x security_validation.sh
sudo ./security_validation.sh --full-audit
```

Manual Security Checklist for Critical Systems

☐ Encryption Verification

- ☐ Database encryption at rest enabled and tested
- ☐ SSL/TLS certificates valid and properly configured
- ☐ Backup encryption working with key management
- ☐ Network traffic encryption verified

☐ Access Control Validation

- ☐ All default passwords changed
- ☐ Multi-factor authentication enabled for admin accounts
- ☐ Principle of least privilege applied to all user accounts
- ☐ Guest/demo accounts disabled or removed

☐ Data Protection Compliance

- ☐ Personal data inventory completed and classified
- ☐ Data retention policies implemented and tested
- ☐ Consent management system functional
- ☐ Data subject rights procedures documented

☐ Audit and Monitoring

- ☐ Comprehensive logging enabled for all systems
- ☐ Log aggregation and analysis configured
- ☐ Intrusion detection systems active
- ☐ Backup integrity monitoring functional

☐ Incident Response Preparation

- ☐ Security incident response plan documented

- ☐ Emergency contact lists updated
- ☐ Backup restoration procedures tested
- ☐ Communication templates prepared for stakeholders

Security Contact Information

Primary Security Contact: _____

Secondary Security Contact: _____

Legal/Compliance Contact: _____

External Security Consultant: _____

Critical Security Information

Encryption Keys Location: _____

Certificate Expiry Dates: _____

Backup Encryption Passphrase Location: _____

Incident Response Team: _____

Regulatory Compliance Officer: _____

Security Incident Escalation Matrix

Severity Level	Response Time	Contact
Critical (Data Breach)	Immediate	_____
High (System Compromise)	1 Hour	_____
Medium (Security Policy Violation)	4 Hours	_____
Low (Security Concern)	24 Hours	_____