

Application Migration to the Cloud Checklist.

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WEB WORLD

Article: <https://www.excellentwebworld.com/application-migration-cloud-checklist/>

GET STARTED →

Assessment & Planning

Identify Workloads

- ☐ Inventory
- ☐ Dependencies
- ☐ Usage
- ☐ Criticality

Risk Analysis

- ☐ Security
- ☐ Downtime
- ☐ Compliance
- ☐ Data Loss

Cost Estimation

- ☐ Infrastructure
- ☐ Licensing
- ☐ Operations
- ☐ Optimization

Compliance Check

- ☐ GDPR
- ☐ HIPAA
- ☐ SOC 2
- ☐ ISO 27001

Cloud Selection

Deployment Model

- ☐ Public
- ☐ Private
- ☐ Hybrid
- ☐ Multi-cloud

Service Model

- ☐ IaaS
- ☐ PaaS
- ☐ SaaS

Vendor Evaluation

- ☐ AWS
- ☐ Azure
- ☐ Google

Performance Needs

- ☐ Latency
- ☐ Uptime
- ☐ Scalability
- ☐ Redundancy

Data & App Migration

Data Backup

- ☐ Snapshots
- ☐ Cloud Storage
- ☐ Versioning
- ☐ Disaster Recovery

Migration Strategy

- ☐ Lift & Shift
- ☐ Replatform
- ☐ Refactor
- ☐ Repurchasing

Downtime Planning

- ☐ Maintenance Window
- ☐ Failover
- ☐ Rollback
- ☐ Parallel Run

Security & Compliance

Access Controls

- ☐ IAM
- ☐ MFA
- ☐ Role-Based
- ☐ Privileged Access

Encryption Setup

- ☐ Data-at-Rest
- ☐ Data-in-Transit
- ☐ TLS/SSL
- ☐ Symmetric
- ☐ Asymmetric

Threat Monitoring

- ☐ SIEM
- ☐ IDS/IPS
- ☐ Anomaly Detection
- ☐ Logs Analysis

Policy Alignment

- ☐ GDPR
- ☐ HIPAA
- ☐ NIST
- ☐ ISO Compliance

Testing & Optimization

Testing

- ☐ Functional
- ☐ System
- ☐ Compatibility
- ☐ Performance

Load Balancing

- ☐ Auto Scaling
- ☐ Traffic Routing
- ☐ Failover
- ☐ CDN

Cost Optimization

- ☐ Rightsizing
- ☐ Reserved Instances
- ☐ Spot Instances
- ☐ Auto-scaling
- ☐ Storage Tiering