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Self-Assessment: Cloud & Migration Readiness

A practical diagnostic for CTOs, founders, and tech leaders

Before migrating to the cloud, verify whether your infrastructure, applications, and organization are ready for a successful transition.

This assessment helps identify gaps in application architecture, security posture, cost management, and operational readiness — before cloud migrations stall or exceed budget.

⏱️ 5–7 minutes

📊 Instant results

🔍 Model-agnostic, implementation-focused

🎯 Built for teams deploying AI/ML in production

SECTION 1

Application Architecture & Cloud Compatibility

Q1. How cloud-ready are your current applications and workloads?

Choose one of the options, which is the most relevant to your case.

01

1) Legacy monoliths with tight coupling

- Applications built on outdated frameworks
- Heavy dependencies on on-premise infrastructure
- Hardcoded configurations and manual deployments
- Significant refactoring needed for cloud migration

02

2) Partially modernized, but migration-resistant

- Some applications containerized or API-enabled
- Mix of legacy and modern architectures
- Limited automation in deployment processes
- Cloud migration requires substantial re-architecture

03

3) Mostly cloud-compatible with known dependencies

- Core applications use modern frameworks
- Containerization and microservices partially adopted
- CI/CD pipelines exist for key workloads
- Clear migration path for most applications

04

4) Cloud-native architecture

- Applications designed for distributed cloud environments
- Full containerization and orchestration (Kubernetes)
- Infrastructure as Code and automated deployments
- Seamless portability across cloud providers

Q2. How mature is your cloud migration strategy and execution capability?

Choose one of the options, which is the most relevant to your case.

1) No formal migration strategy

- Ad-hoc approach to cloud adoption
- No assessment of workload dependencies
- Unclear cost projections and timelines
- Migration decisions made reactively

2) Basic strategy with limited planning

- High-level migration roadmap exists
- Some workload assessment completed
- Cost estimates are rough and incomplete
- Limited pilot migrations or proof of concepts

3) Structured migration plan with clear phases

- Detailed workload inventory and prioritization
- Migration patterns defined (rehost, refactor, etc.)
- Cost modeling and business case validated
- Successful pilot migrations completed

4) Enterprise-grade migration framework

- Comprehensive migration factory approach
- Automated discovery and dependency mapping
- Well-defined governance and risk management
- Proven track record of successful migrations

SECTION 2

Security, Compliance & Governance

Q3. How prepared is your organization to meet cloud security and compliance requirements?

Choose one of the options, which is the most relevant to your case.

1

1) Minimal security controls

- Basic perimeter security only
- No cloud-specific security policies
- Compliance requirements not mapped to cloud
- Limited visibility into security posture

2

2) Basic cloud security implemented

- Standard cloud provider security features enabled
- Some identity and access management in place
- Compliance gaps identified but not fully addressed
- Manual security monitoring and response

3

3) Comprehensive security framework

- Multi-layered security controls (network, application, data)
- Identity federation and role-based access control
- Compliance requirements mapped and mostly met
- Automated security monitoring and alerting

4

4) Zero-trust security architecture

- Advanced threat detection and response
- Full encryption at rest and in transit
- Continuous compliance validation and reporting
- Security integrated into CI/CD pipelines

Q4. How well do you manage and optimize cloud costs?

Choose one of the options, which is the most relevant to your case.

1) No cost visibility or control

- Surprise cloud bills are common
- No tagging or cost allocation strategy
- Resources left running unnecessarily
- No budget alerts or governance

2) Basic cost tracking

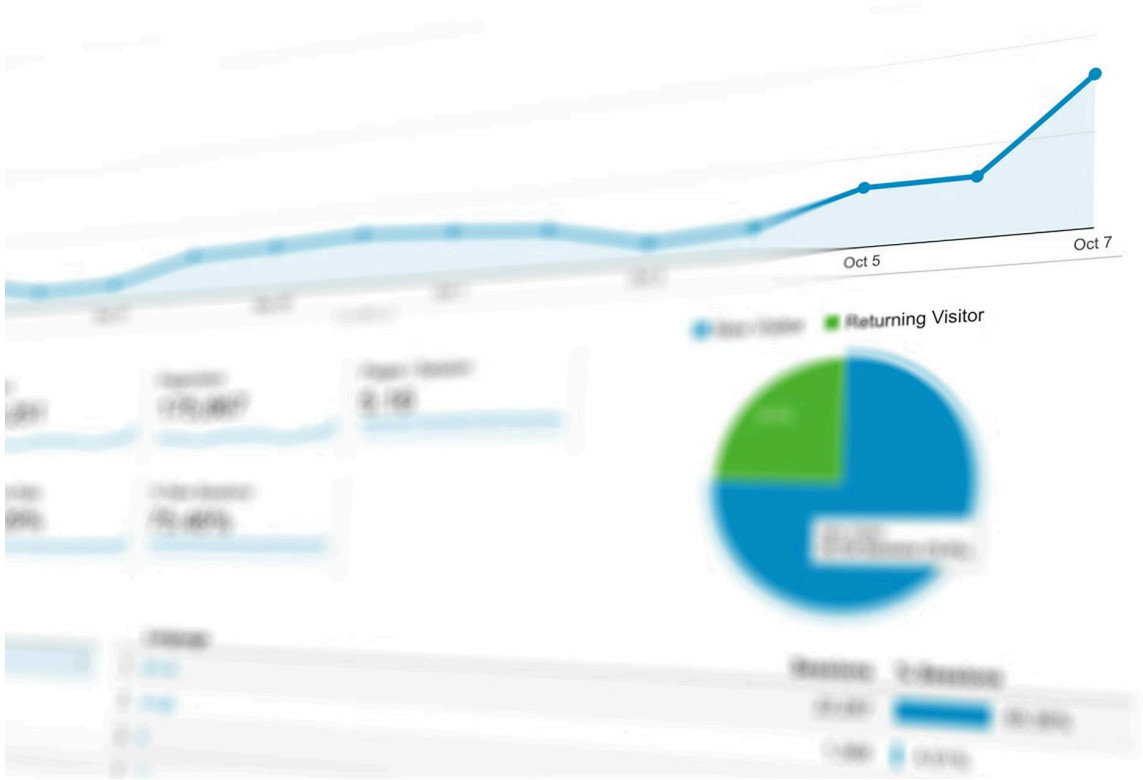
- Monthly cost reports reviewed
- Some resource tagging implemented
- Manual identification of waste
- Limited cost optimization efforts

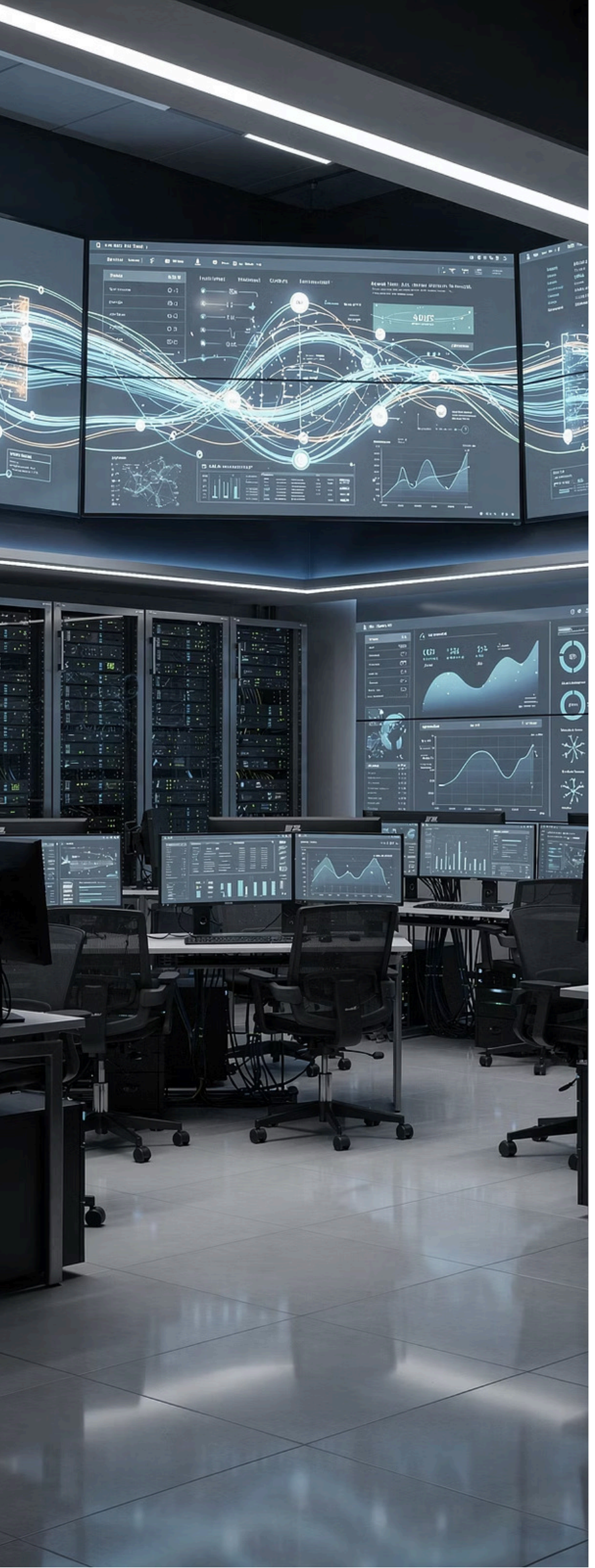
3) Proactive cost management

- Detailed cost allocation by team/project
- Regular rightsizing and optimization reviews
- Reserved instances and savings plans used
- Budget alerts and approval workflows

4) FinOps culture and automation

- Real-time cost visibility and forecasting
- Automated resource optimization
- Showback/chargeback models in place
- Cost optimization built into architecture decisions





SECTION 3

Operational Readiness & Cloud Management

Q5. How prepared is your operations team to manage cloud infrastructure?

Choose one of the options, which is the most relevant to your case.

1) Traditional IT operations model

- Limited cloud platform knowledge
- Manual provisioning and configuration
- No cloud-specific monitoring tools
- Reactive incident response

2) Basic cloud operations capability

- Some team members trained on cloud platforms
- Mix of manual and automated processes
- Cloud provider native tools used
- Incident response procedures being developed

3) Mature cloud operations practice

- Dedicated cloud operations team
- Infrastructure as Code widely adopted
- Comprehensive monitoring and observability
- Well-defined SLAs and incident management

4) CloudOps/SRE excellence

- Site Reliability Engineering principles applied
- Full automation and self-healing systems
- Advanced observability and AIOps
- Chaos engineering and proactive resilience testing

Q6. How well-equipped is your team with cloud skills and expertise?

Choose one of the options, which is the most relevant to your case.

1) Limited cloud expertise

- Primarily on-premise infrastructure experience
- No formal cloud training programs
- Heavy reliance on external consultants
- Knowledge silos and single points of failure

2) Growing cloud capability

- Some team members have cloud certifications
- Ad-hoc training and learning
- Mix of internal and external expertise
- Basic cloud skills across the team

3) Strong cloud competency

- Structured cloud training and certification program
- Cloud centers of excellence established
- Most team members proficient in core cloud services
- Knowledge sharing and documentation practices

4) Cloud-native organization

- Deep expertise across multiple cloud platforms
- Continuous learning culture
- Internal cloud evangelists and champions
- Team contributes to cloud community and best practices

SECTION 4

Disaster Recovery & Business Continuity

Q7. How robust is your disaster recovery and business continuity plan for cloud workloads?

Choose one of the options, which is the most relevant to your case.

1

1) No formal DR/BC plan

- Backups are inconsistent or untested
- No documented recovery procedures
- Unknown RTOs and RPOs
- Single region deployment with no redundancy

2

2) Basic backup and recovery

- Regular backups configured
- Some recovery procedures documented
- RTOs and RPOs defined but not validated
- Limited testing of recovery scenarios

3

3) Comprehensive DR strategy

- Multi-region architecture for critical workloads
- Automated backup and recovery processes
- Regular DR testing and validation
- Clear RTOs/RPOs with business alignment

4

4) High availability and resilience

- Active-active multi-region deployment
- Automated failover and self-healing
- Continuous DR testing and chaos engineering
- Near-zero downtime architecture

Q8. How well do you manage cloud governance, policies, and standards?

Choose one of the options, which is the most relevant to your case.

1) No governance framework

- No cloud usage policies or standards
- Uncontrolled resource provisioning
- Inconsistent naming and tagging
- Shadow IT and ungoverned cloud usage

2) Basic policies defined

- High-level cloud usage guidelines exist
- Some guardrails implemented
- Manual policy enforcement
- Limited visibility into compliance

3) Structured governance model

- Comprehensive cloud policies and standards
- Automated policy enforcement (AWS SCPs, Azure Policy)
- Regular compliance audits
- Clear approval workflows and accountability

4) Enterprise governance at scale

- Policy as Code with automated enforcement
- Real-time compliance monitoring and remediation
- Cloud governance integrated with enterprise frameworks
- Continuous improvement and policy evolution

SECTION 5

Performance, Scalability & Optimization

Q9. How well do your applications perform and scale in cloud environments?

Choose one of the options, which is the most relevant to your case.

1

Performance issues and bottlenecks

- Applications not optimized for cloud
- Frequent performance degradation
- Manual scaling with delays
- No performance monitoring or baselines

2

Basic performance management

- Some performance monitoring in place
- Manual scaling based on known patterns
- Performance issues identified reactively
- Limited optimization efforts

3

Proactive performance optimization

- Comprehensive application performance monitoring
- Auto-scaling configured for most workloads
- Regular performance testing and tuning
- Performance SLAs defined and tracked

4

Performance excellence

- Advanced observability and distributed tracing
- Predictive auto-scaling and optimization
- Performance engineering culture
- Continuous performance testing in CI/CD

Q10. How well do you manage cloud vendor relationships and multi-cloud strategy?

Choose one of the options, which is the most relevant to your case.

1

Single vendor, no strategy

- Locked into one cloud provider
- No vendor management processes
- Unaware of pricing changes or new services
- No multi-cloud or exit strategy

2

Single vendor with basic management

- Regular vendor reviews and optimization
- Awareness of alternative providers
- Some workload portability considerations
- Basic contract and pricing negotiations

3

Strategic vendor management

- Multi-cloud strategy defined
- Workloads distributed based on best fit
- Strong vendor relationships and governance
- Regular competitive analysis and optimization

4

Multi-cloud excellence

- Cloud-agnostic architecture where beneficial
- Advanced vendor management and FinOps
- Leverage best-of-breed services across providers
- Negotiated enterprise agreements with optimal terms

How to Use This Assessment

For each question, select the option that best describes your current state. Be honest — this is a diagnostic tool, not a test. Each option is worth points:

Level 1: 1 point	Level 2: 2 points	Level 3: 3 points	Level 4: 4 points

Add up your total score across all 10 questions to determine your AI readiness level. The interpretation guide will help you understand what your score means and what to do next.

Self-Assessment Result Interpretation

10–16

Early Stage

What this means: Significant preparation needed before cloud migration. You may encounter challenges in infrastructure, skill sets, and current operational models.

Recommended next step: Develop a comprehensive cloud strategy and conduct an in-depth readiness assessment.

17–25

Foundation Building

What this means: Core capabilities for cloud migration are in place, but some gaps remain. You have a basic understanding but need to solidify processes and skills.

Recommended next step: Focus on filling identified gaps in governance, security, and operational best practices. Enhance team skills through targeted training.

26–34

Migration Ready

What this means: You are well-positioned for successful cloud adoption. Most necessary components are robust, allowing for a confident transition.

Recommended next step: Initiate migration planning, pilot projects, and refine your cloud operating model for efficiency and scalability.

35–40

Cloud Mature

What this means: You possess advanced cloud capabilities and best practices. Your organization is optimized for continuous innovation and leveraging cloud benefits effectively.

Recommended next step: Explore advanced cloud services, focus on cost optimization, automated governance, and foster continuous innovation within your cloud environment.

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At Gart Solutions, we help teams move from on-premise infrastructure to production-ready cloud environments.

Our comprehensive services include **assessment and planning**, **migration execution**, **cloud optimization**, and **ongoing cloud management**. Ready to transform your infrastructure?

Start Your Cloud Migration Journey

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