

FREE ASSESSMENT TOOL

# Cloud Migration Readiness Assessment for SMBs

35-Point Assessment Before Moving to Microsoft Azure, AWS, or Google Cloud

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|                         |  |
|-------------------------|--|
| <b>Purpose</b>          | Evaluate your organization's readiness for cloud migration before committing to a project  |
| <b>How to Use</b>       | Answer each question honestly. Score: Yes = 2, Partial = 1, No = 0. Total your score and review the guidance at the end.   |
| <b>Why This Matters</b> | Organizations that migrate without adequate preparation experience cost overruns, security gaps, compliance failures, and operational disruption at significantly higher rates than those that assess first. |
| <b>DSIT Experience</b>  | Steven Antoine led a 2.5-year cloud migration of 50+ servers to AWS, Azure, and GCP — elevating security compliance from 12% to 94% in the process.  |

## SECTION 1 — INFRASTRUCTURE READINESS

| Assessment Criterion  | Guidance Note                                | Yes (2) | Partial (1) | No (0) |
|---|--|---------|-------------|--------|
| <b>Current server inventory is documented (all servers, OS versions, ages, workloads)</b> |  | ■       | ■           | ■      |
| <b>Application dependencies are mapped (what talks to what)</b>                           | Critical — missed dependencies cause outages | ■       | ■           | ■      |
| <b>Network bandwidth is sufficient for cloud traffic patterns</b>                         | Test with current usage data                 | ■       | ■           | ■      |
| <b>Internet connectivity is redundant with failover</b>                                   | Single ISP is a cloud risk                   | ■       | ■           | ■      |
| <b>On-premises equipment lease/maintenance terms reviewed</b>                             | Avoid paying for both cloud and hardware     | ■       | ■           | ■      |

|   |                                   |   |   |   |
|---|-----------------------------------|---|---|---|
| <b>Data volumes quantified (GB/TB to migrate)</b> | Affects timeline and egress costs | ■ | ■ | ■ |
|---|-----------------------------------|---|---|---|

INFRASTRUCTURE READINESS Score: \_\_\_\_ / 12

## SECTION 2 — SECURITY & COMPLIANCE READINESS

| Assessment Criterion   | Guidance Note                           | Yes (2) | Partial (1) | No (0) |
|--|---|---------|-------------|--------|
| <b>Data classification completed — sensitive data identified</b> | Drives encryption and access decisions  | ■       | ■           | ■      |
| <b>Canadian data residency requirements understood</b>           | PIPEDA, PHIPA, provincial laws          | ■       | ■           | ■      |
| <b>Cloud provider's compliance certifications verified</b>       | SOC 2, ISO 27001, Canadian data centres | ■       | ■           | ■      |
| <b>Identity and Access Management (IAM) strategy defined</b>     | Who gets access to what in the cloud    | ■       | ■           | ■      |
| <b>MFA enforcement plan for all cloud accounts</b>               | Non-negotiable for cloud security       | ■       | ■           | ■      |
| <b>Encryption at rest and in transit strategy defined</b>        | Key management planned                  | ■       | ■           | ■      |
| <b>Backup and disaster recovery strategy for cloud workloads</b> | Cloud does not mean automatic backup    | ■       | ■           | ■      |
| <b>Security monitoring and alerting plan defined</b>             | Cloud-native tools or SIEM              | ■       | ■           | ■      |

SECURITY & COMPLIANCE READINESS Score: \_\_\_\_ / 16

## SECTION 3 — COST & FINANCIAL READINESS

| Assessment Criterion  | Guidance Note                              | Yes (2) | Partial (1) | No (0) |
|---|--|---------|-------------|--------|
| <b>Current IT spend (hardware, maintenance, power) documented</b>     | Needed for ROI comparison                  | ■       | ■           | ■      |
| <b>Cloud pricing modeled for target workloads</b>                     | Use vendor calculators                     | ■       | ■           | ■      |
| <b>Reserved instance vs pay-as-you-go decision made</b>               | Significant cost difference                | ■       | ■           | ■      |
| <b>Cloud cost governance plan defined</b>                             | Who approves spend, how is waste monitored | ■       | ■           | ■      |
| <b>Budget approved for migration project (not just ongoing costs)</b> | Migration itself has one-time costs        | ■       | ■           | ■      |

|  |                      |   |   |   |
|--|----------------------|---|---|---|
| <b>Egress costs understood for your data volumes</b> | Often underestimated | ■ | ■ | ■ |
|--|----------------------|---|---|---|

COST & FINANCIAL READINESS Score: \_\_\_\_ / 12

## SECTION 4 — STAFF & OPERATIONAL READINESS

| Assessment Criterion   | Guidance Note                    | Yes (2) | Partial (1) | No (0) |
|--|----------------------------------|---------|-------------|--------|
| <b>IT staff have cloud platform training or certifications</b>               | AWS, Azure, or GCP certification | ■       | ■           | ■      |
| <b>IT staff have experience with cloud-native tools (IAM, VPCs, storage)</b> | Hands-on experience preferred    | ■       | ■           | ■      |
| <b>Help desk procedures updated for cloud-based systems</b>                  | Ticketing, escalation paths      | ■       | ■           | ■      |
| <b>End-user training plan defined for new tools (M365, cloud apps)</b>       | Change management matters        | ■       | ■           | ■      |
| <b>Rollback plan defined if migration fails</b>                              | Every workload needs a fallback  | ■       | ■           | ■      |

STAFF & OPERATIONAL READINESS Score: \_\_\_\_ / 10

## SECTION 5 — GOVERNANCE & PLANNING READINESS

| Assessment Criterion   | Guidance Note                                   | Yes (2) | Partial (1) | No (0) |
|--|---|---------|-------------|--------|
| <b>Executive sponsorship confirmed</b>                         | Cloud migrations fail without executive support | ■       | ■           | ■      |
| <b>Migration project manager or lead assigned</b>              | Accountable person named                        | ■       | ■           | ■      |
| <b>Migration scope and phasing defined</b>                     | What moves first, second, last                  | ■       | ■           | ■      |
| <b>Go/no-go criteria defined for each migration phase</b>      | Clear success metrics                           | ■       | ■           | ■      |
| <b>Vendor selection completed (Azure, AWS, GCP, or hybrid)</b> | Strategy committed                              | ■       | ■           | ■      |
| <b>Change management communication plan defined</b>            | Staff know what is changing and when            | ■       | ■           | ■      |
| <b>Post-migration support model defined</b>                    | Who manages the cloud environment ongoing       | ■       | ■           | ■      |

GOVERNANCE & PLANNING READINESS Score: \_\_\_\_ / 14

## SCORING GUIDANCE

| Total Score | Readiness Level   | Recommendation   |
|-------------|-------------------|--|
| 56–70       | Ready to Migrate  | Proceed with migration planning. Engage an experienced MSP or cloud architect to execute migration.  |
| 42–55       | Nearly Ready      | Address gaps in lowest-scoring sections before beginning. Most gaps resolvable in 4–8 weeks.         |
| 28–41       | Needs Preparation | Significant groundwork required. Plan a 2–4 month readiness sprint before migration begins.          |
| 0–27        | Not Ready         | Foundational IT and governance work needed first. Rushing migration at this stage carries high risk. |

Your Total Score: \_\_\_\_\_ / 70

## GETTING HELP

DSIT Professional Services Inc. has led complex multi-cloud migrations for organizations ranging from Caribbean retail groups to Canadian technology companies — including a 50+ server migration to AWS, Azure, and GCP that achieved 94% security compliance. We bring that experience to your migration project.

- Book a free cloud migration consultation: [dsitpro.com/contact](https://dsitpro.com/contact)
- View DSIT cloud services: [dsitpro.com/services](https://dsitpro.com/services)

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