

Large Infrastructure Model

READY ASSESSMENT GUIDE



Purpose: This document serves as a technical framework for Enterprise Architects and Infrastructure Leads to evaluate their organization's readiness for FluidCloud's Cloud Cloning™ implementation. It assesses the complexity, compatibility, and requirements of your current "Large Infrastructure Model" to ensure seamless service continuity.

1. Assessment Framework Overview

The LIM Assessment evaluates infrastructure across four critical dimensions to determine the feasibility and effort level required for achieving True Cloud Freedom

Topology & Architecture

Evaluates the physical and logical layout of cloud resources, including regions, availability zones, and dependency maps.

Data Gravity & State

Analyses storage coupling, database dependencies, and stateful vs. stateless workload ratios.

Network & Security

Assesses interconnectivity, IAM complexity, encryption standards, and compliance boundaries.

Operational Governance

Reviews IaC maturity, CI/CD pipelines, and observability toolchains currently in place.

2. INFRASTRUCTURE READINESS ASSESSMENT

2.1 CURRENT CLOUD ARCHITECTURE PROFILE

Component	Assessment Criteria	Status
Provider Mix	List primary (AWS, Azure, GCP) and secondary providers.	☐ Multi Cloud ☐ Low
IaC Maturity	Usage of Terraform, CloudFormation, or Pulumi.	☐ Single ☐ High
Containerization	Percentage of workloads on Kubernetes/Containers vs VMs.	_____ %

2.2 NETWORK & CONNECTIVITY REQUIREMENTS

- ☐ **CIDR Block Non-Overlapping**
 Are IP ranges distinct across accounts/regions intended for peering?
- ☐ **Egress Capacity**
 Is current bandwidth sufficient for initial replication phases?
- ☐ **Inter-Cloud Connectivity**
 Existing VPN or Direct Connect/ExpressRoute setup?

3. CLOUD CLONING™ COMPATIBILITY MATRIX

Use the following matrix to identify the complexity level of your intended use cases.

Target Scenario	Prerequisites	Complexity Est.
Account-to-Account Same Provider, Different ID	Unified Organization Management• IAM Cross-Account Roles	LOW
Region-to-Region Disaster Recovery / Geo-Expansion	Global Service Quotas Verified• Data Sovereignty Check complete	MEDIUM
Cloud-to-Cloud VMware Exit / Anti-Lock-in	Abstracted Services (minimal proprietary PaaS)• Standardized OS images	HIGH

4. TECHNICAL REQUIREMENTS CHECKLIST

Please verify the following technical pre-requisites before initiating the LIM pilot.

Infrastructure & IAM

- ☐ Read-only access to source Infrastructure State
- ☐ Admin/Provisioning access to Target Environment
- ☐ Service Quotas requested for target regions
- ☐ Root keys/KMS keys accessible for replication

Networking & Security

- ☐ Security Groups/Firewalls allow migration traffic
- ☐ DNS TTL lowered for cutover testing
- ☐ SSL/TLS Certificates exported or re-issuable
- ☐ Compliance logging enabled on target

Ready to see learn first-hand how FluidCloud can help you acheive a winning score?

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