



Executive Brief

Automating Compliance at Scale

How IBM and HashiCorp Secure the Hybrid Cloud

For IT leaders, the agility, scalability, and innovation promised by the hybrid cloud is frequently challenged by the complexity of enterprise-scale compliance. As organizations span operations across on-premises data centers and multiple public clouds, the "compliance perimeter" effectively dissolves. Governance can no longer be a manual gatekeeping step performed by security teams, it must scale automatically with the infrastructure itself.

To support these increasingly complex governance needs, Logicalis, IBM, and HashiCorp are collaborating to deliver an intelligent cloud that automates compliance at enterprise scale.

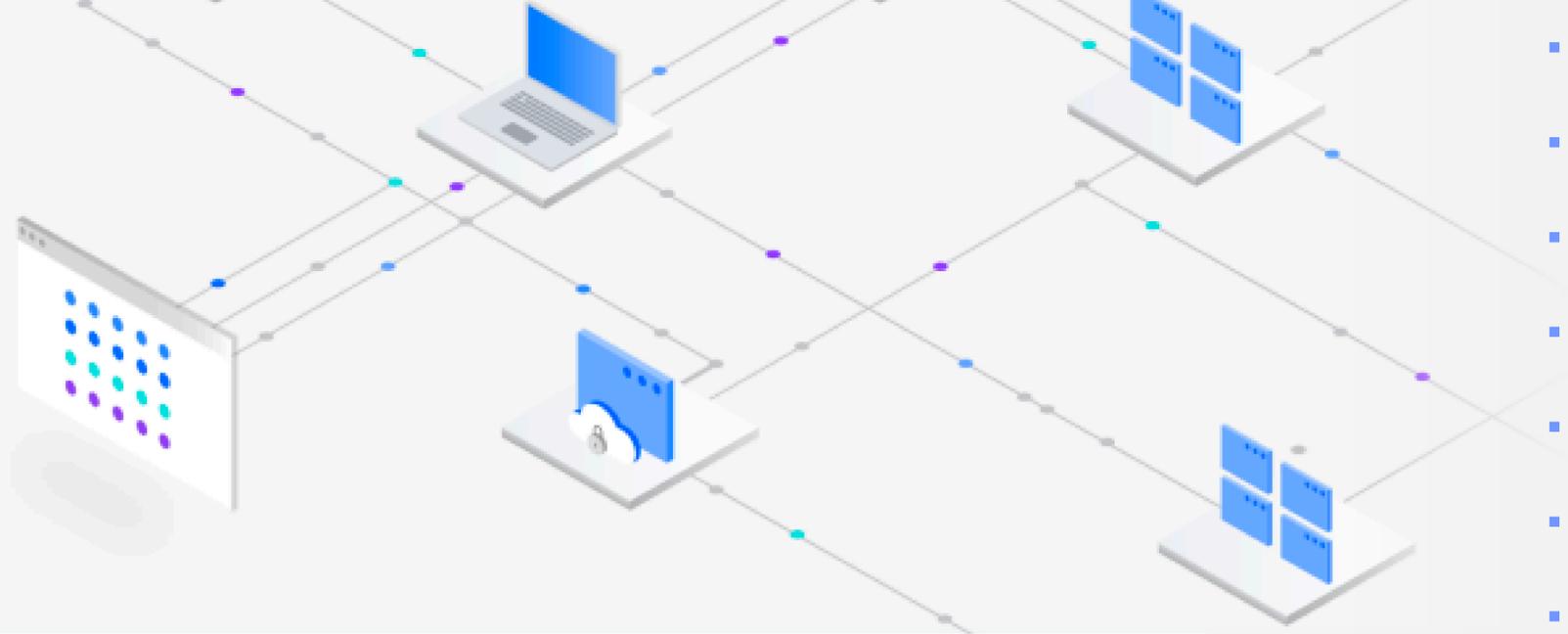


The Compliance Conundrum

The shift to hybrid cloud has fragmented the control plane and created complications when it comes to compliance. Policies that work in an on-premises data center often fail to translate to AWS, Azure, or IBM Cloud, leading to "governance drift." In this fragmented state, compliance can all too easily become a reactive cleanup effort rather than a proactive guarantee.

Recent industry analysis underscores the cost of this chaos. According to a study done by HashiCorp, **91% of enterprises admit to wasting money in the cloud**. IT teams spend too much time fighting complexity, finance leaders can't predict billing, and security leaders are left exposed to compliance risks.

IBM, HashiCorp, and Logicalis help to solve these challenges through infrastructure as code (IaC), a consistent, repeatable way of deploying and managing resources. This strategy eliminates guesswork and enforces governance, starting with intelligent policy orchestration and enforcement.

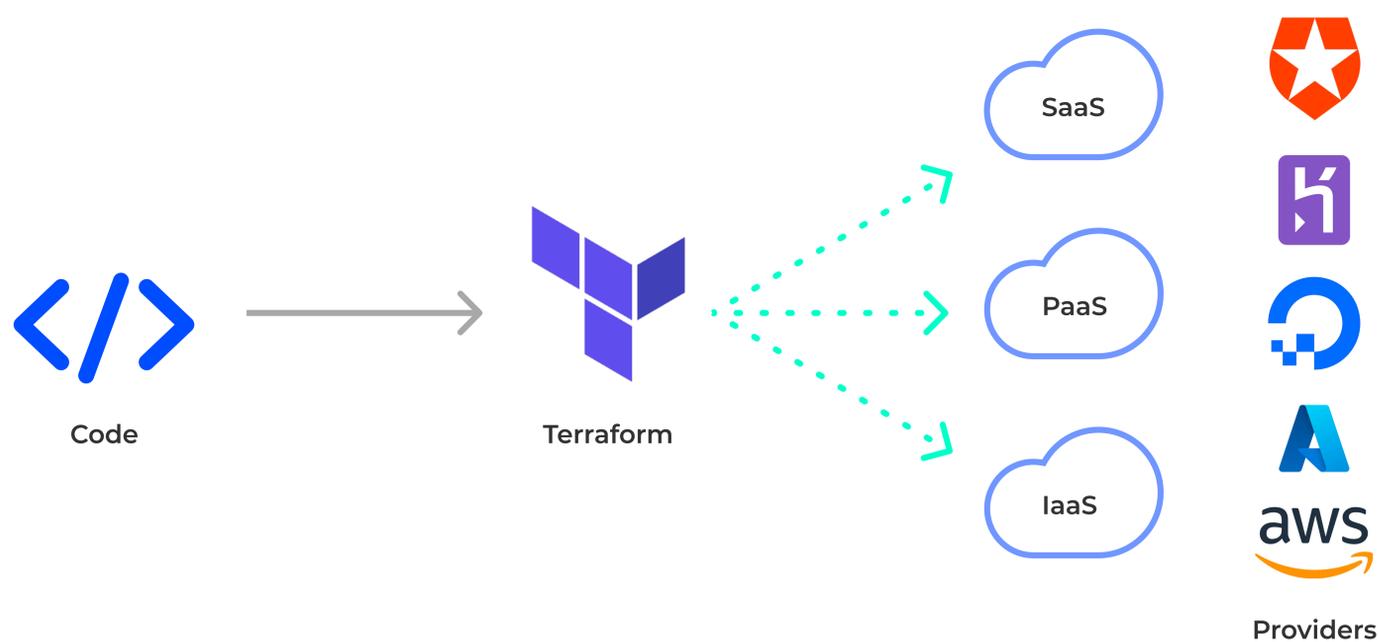


Policy Orchestration: The "Brain" of Compliance

IBM Cloud Pak for Automation and IBM watsonx.governance begin by decoupling policy definition from policy enforcement.

IBM Cloud Pak for Automation serves as the orchestration engine, automating the complex workflows required to validate changes before they touch production. It acts as the centralized policy decision point that evaluates requests against business rules.

Watsonx.governance extends this control to the AI and data layer. As enterprises increasingly deploy AI models, these models themselves also become compliance concerns. With watsonx.governance, IT teams have a toolkit to monitor model drift, bias, and transparency, ensuring that AI remains as compliant as the infrastructure itself.



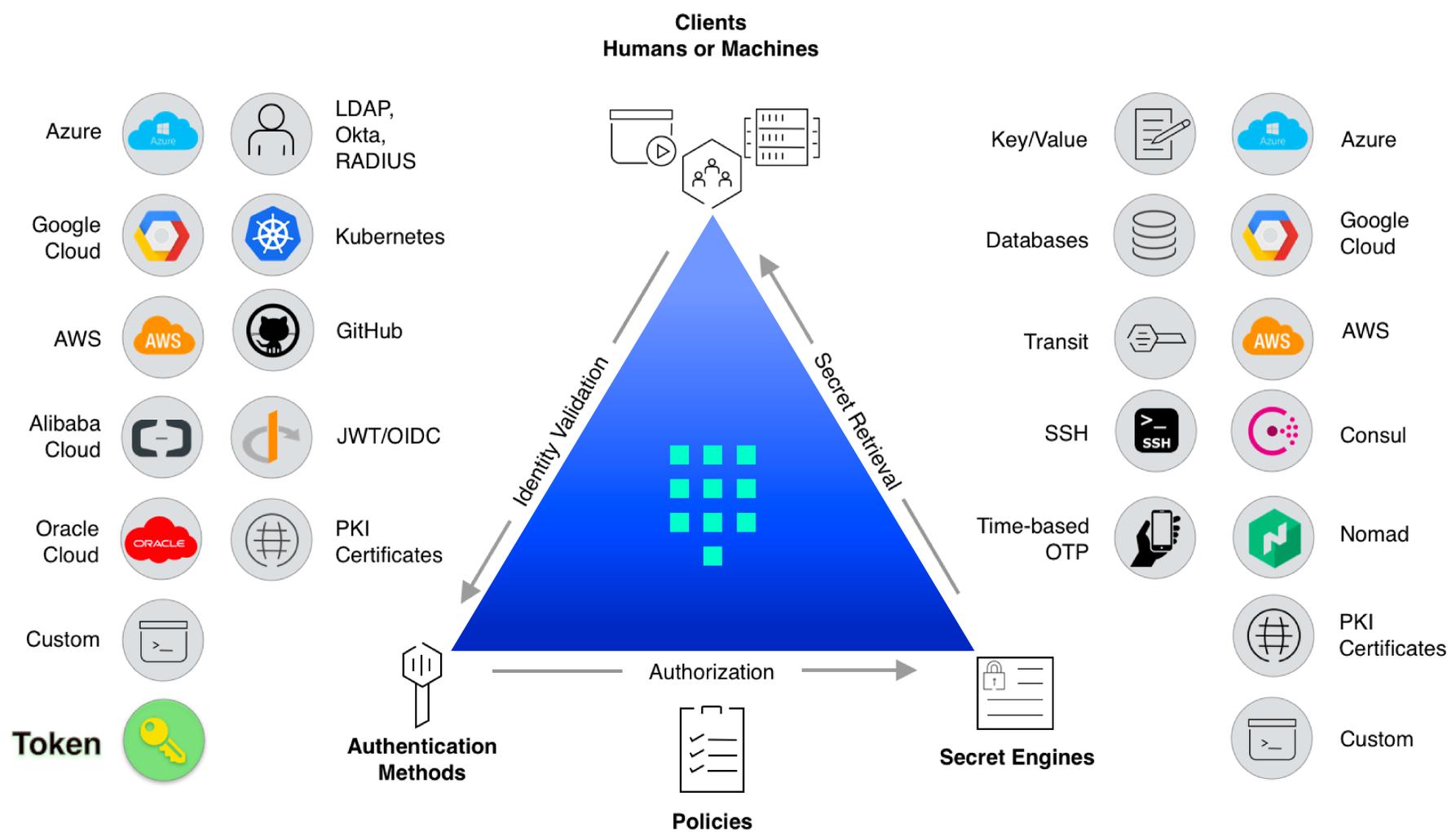
Secure Provisioning, the "Muscle" of Compliance

While IBM provides the decision-making capability, HashiCorp provides the enforcement mechanism. In a compliant hybrid cloud, human operators should rarely, if ever, manually configure servers or rotate keys. Automating this process eliminates the potential for error and decreases compliance risk through consistent, standardized provisioning.

HashiCorp Terraform does this through IaC, ensuring compliance policies are checked before deployment (Policy as Code). If a developer attempts to provision an unencrypted storage bucket, Terraform prevents deployment entirely.

Secure Provisioning, the "Muscle" of Compliance

continued



Complementing this is HashiCorp Vault, which centralizes secrets management, generates short-lived secrets for applications and users, and reduces the risk of credential sprawl. Vault's identity-based security model authenticates who or what is requesting access and creates a comprehensive, automated audit trail required for standards like SOC 2 and HIPAA.

Together, these tools empower organizations to control spend, reduce risk, and unlock the agility the cloud was meant to provide.

The Power of a Unified Governance Layer

Unified, automated governance not only improves compliance, it enables infrastructure and architectures that are compliant by design.

<p>Policy Enforcement</p>	<p>BM Cloud Pak orchestrates approval workflows and business logic.</p>	<p>Terraform enforces logic as code and prevents non-compliant builds.</p>	<p>Zero-trust provisioning with automated audit trails.</p>
<p>Identity & Secrets</p>	<p>IBM Security Verify manages user identities and governance.</p>	<p>Vault brokers dynamic access to infrastructure based on identity.</p>	<p>Elimination of static credentials and reduced attack surface.</p>
<p>AI & Data Compliance</p>	<p>watsonx.governance monitors AI models for regulatory adherence.</p>	<p>Vault encrypts the data and models at rest and in transit.</p>	<p>AI models that are both secure and explainable to auditors.</p>

Automate Compliance at Scale

with Logicalis, IBM, and HashiCorp

When paired with IBM's leadership in enterprise-grade technology and AI, HashiCorp's automation platform offers unmatched potential - and Logicalis is the partner that turns this potential into measurable results.

A long-standing IBM Platinum Partner with deep expertise in HashiCorp's solutions, Logicalis helps organizations of every size build strategies that are practical, scalable, and secure. We support clients from initial solution design through implementation and managed services, ensuring that governance and compliance are not just deployed but embedded as a sustainable business practice.

Are you ready to automate your compliance posture?

Logicalis Managed Services offers a proven path to a secure, governed hybrid cloud. Through our end-to-end professional and managed services, you can access the expertise, support, and capabilities you need to modernize your governance strategy at scale.

IBM Platinum Partner with 25+ years of collaboration and deep expertise across IBM hybrid cloud, automation, and data platforms

Global technology services provider
Global technology services provider

Recognized with multiple awards for innovation in systems, storage, and hybrid cloud solutions, underlining consistent delivery excellence

Strategic HashiCorp partner with experience helping enterprises implement Terraform- and Vault-based governed landing zones at scale

End-to-end Managed Services, from advisory and architecture through implementation to ongoing managed services

Contact Us

Contact Logicalis to schedule an assessment and learn how we can help you automate compliance at scale.

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