

Governance for the Azure Cloud

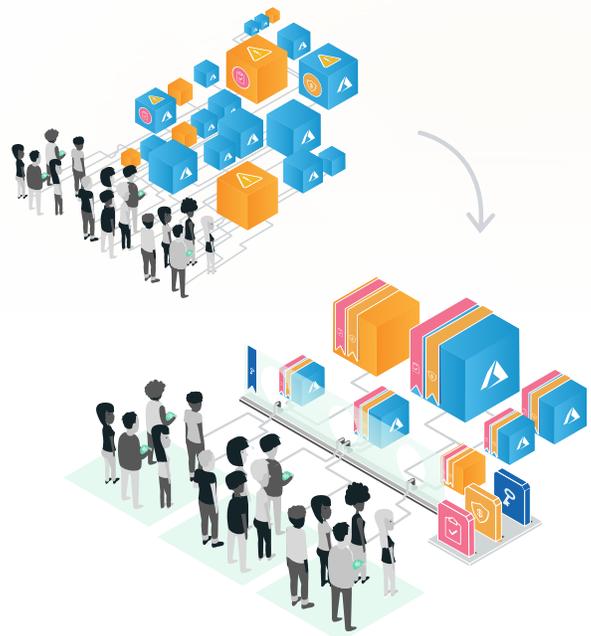
Confronting Your Empty Subscriptions

If you've been faced with setting up a new Azure subscription, you know it can be daunting. How will you efficiently grant access to team members, while ensuring the entire team remains secure, compliant, and doesn't overrun the project budget?

The Azure cloud platform delivers a wealth of possibilities to both commercial and government organizations to drive agility, boost innovation, and deliver business value. But your organization remains responsible for aligning the cloud to your business and ensuring safe, consistent, and economical operations. This task can be so challenging that cloud adoption and value realization are stalled. Without an enforceable governance model, you're left with a virtual 'rat's nest' of subscriptions and resources that are nearly impossible to manage.

Introducing Governance for Your Subscriptions

Kion can help overcome these cloud management challenges. Kion is comprehensive cloud enablement software that allows you to manage your cloud presence at scale by building on native Azure functionality to deliver automation and orchestration, financial management, and continuous compliance. The result is a single pane of glass view into your cloud from one simple, intuitive interface. Your staff get native access to the Azure portal, and your business leaders get confidence that users can't exceed established budgets or fall out of compliance.



Kion turns a rat's nest into a single pane of glass view providing visibility, cost control, and compliance.

Save Time and Effort with Kion for Azure

Kion doesn't obstruct access to Azure capabilities or attempt to duplicate native Azure functionality. Rather, the solution builds on Azure to automate cloud management tasks, reduce operational risk, and deliver a well-governed cloud.

Here are just a few ways we build on Azure to automate and simplify your cloud operations:

- Azure Resource Manager (ARM) templates provision Azure resources to set up services or applications in a subscription. By including these ARM templates in an inheritable Kion Cloud Rule you can quickly and consistently establish a secure and compliant infrastructure across your subscription landscape. Apply a Cloud Rule at one spot in your organizational hierarchy and benefit from inheritance to deploy infrastructure and control user access to the subscriptions below.

- Budgeting in native Azure generally applies to only a single scope within one Azure domain. When you need to apply budgets at various organizational levels and across multiple domains, Kion provides the ability to set a budget on a single subscription or a project (a group of subscriptions). You can also separate a subscription's bill across different budgets using Kion funding sources. You get granular budgeting capabilities and aggregated budget and cost views for visibility across subscriptions.
- With Azure, you can set budgets and send associated notifications. However, notifications are often missed or ignored. In a short time period, you can spend a significant amount in an untended Azure subscription before you receive Azure reports on spend. Kion can control the availability of resources based on resource cost and can actually enforce spending limits and thereby prevent cost overruns. Additionally, Kion recommends savings opportunities for proactive Azure cost optimization.
- Kion eases the management of Azure role definitions across subscriptions and domains. Kion manages the scope of custom role definitions and can replicate them across Azure domains, so you don't need to repeatedly update the locations where custom role definitions are applicable whenever you make a new subscription. Kion merges role definitions together so you can specify lists of things that users are not allowed to do (denies) at a high level. Kion also enforces limits on which Azure resource groups can use a cloud access role, allowing multiple subscription and resource group combinations on a single role with granular controls.
- Kion simplifies the management of Azure policies that let you specify limits such as not allowing VMs that cost more than \$1/hour or restricting users to only operate in certain regions. Kion centralizes Azure policies, allowing you to share them across your subscriptions both more easily and more consistently.
- Kion's Resource Inventory for Azure allows you to view, filter, and search for resources in your subscriptions. We provide a complete inventory of your cloud resources along with their spend data, tags, and compliance status. You can keep an eye on resource totals and status at a high level, and, if you notice something you need to address, you can quickly drill down to specific resources to take action.
- The Kion compliance jumpstarts for Azure make it easy to tailor controls for common compliance frameworks to your cloud estate — making it easier to apply controls and standards for frameworks like NIST 800-53, HIPAA, and SOC 2. Get deep insight into the compliance of your resources and set automated enforcements with Kion Cloud Rules.
- Labels in Kion go beyond native tagging to group objects for easy identification and detailed reporting. Labels don't rely on any native Azure capabilities, and can be extended across your multi-cloud estate.

Kion Features

Automation & Orchestration

- Centralized management of all cloud accounts and resources aligned to your organization's hierarchy
- Federated single sign-on and MFA for secure access to the cloud console
- Automated, self-service account creation with native console, CLI, and API access

Financial Management

- Align your organization's cloud workloads with your internal budgeting process and cost centers
- Configurable financial enforcements to send alerts and freeze spending when project spending thresholds are exceeded
- Savings opportunities to identify and reduce money-wasting resources

Continuous Compliance

- Robust inheritable access policies to restrict use of non-compliant cloud services
- Enforcement of security policies across the organization
- Real-time findings to report the compliance gap and automatic or on-demand remediation to make corporate audits easier