

Virtusa's Assessment and Curation Offering for Azure Kubernetes Service

Organizations understand the benefits of containerization and the value of deploying their applications as microservices onto Azure Kubernetes (AKS) clusters. However, most lack expertise and experience in AKS that can be a significant bottleneck in overcoming the complexities of policy implementation related to building the foundation for Kubernetes services. Additionally, organizations have minimum visibility and control over the provisioned infrastructure and cannot map costs to the right programs for a chargeback. These spiraling costs from over-provisioning and unused infrastructure and reduced productivity due to long wait times for infrastructure provisioning are some of the common pain points we help overcome.

Virtusa's four-week assessment and curation service offering evaluates the current maturity of your Azure Foundation for infrastructure, network, and security-related risks. We align your current state assessment with business requirements and recommend compliance policies for the Azure Kubernetes Service and Container Registry. We develop and deliver AKS as infrastructure-as-code within the regulatory policy framework.

Module Curation

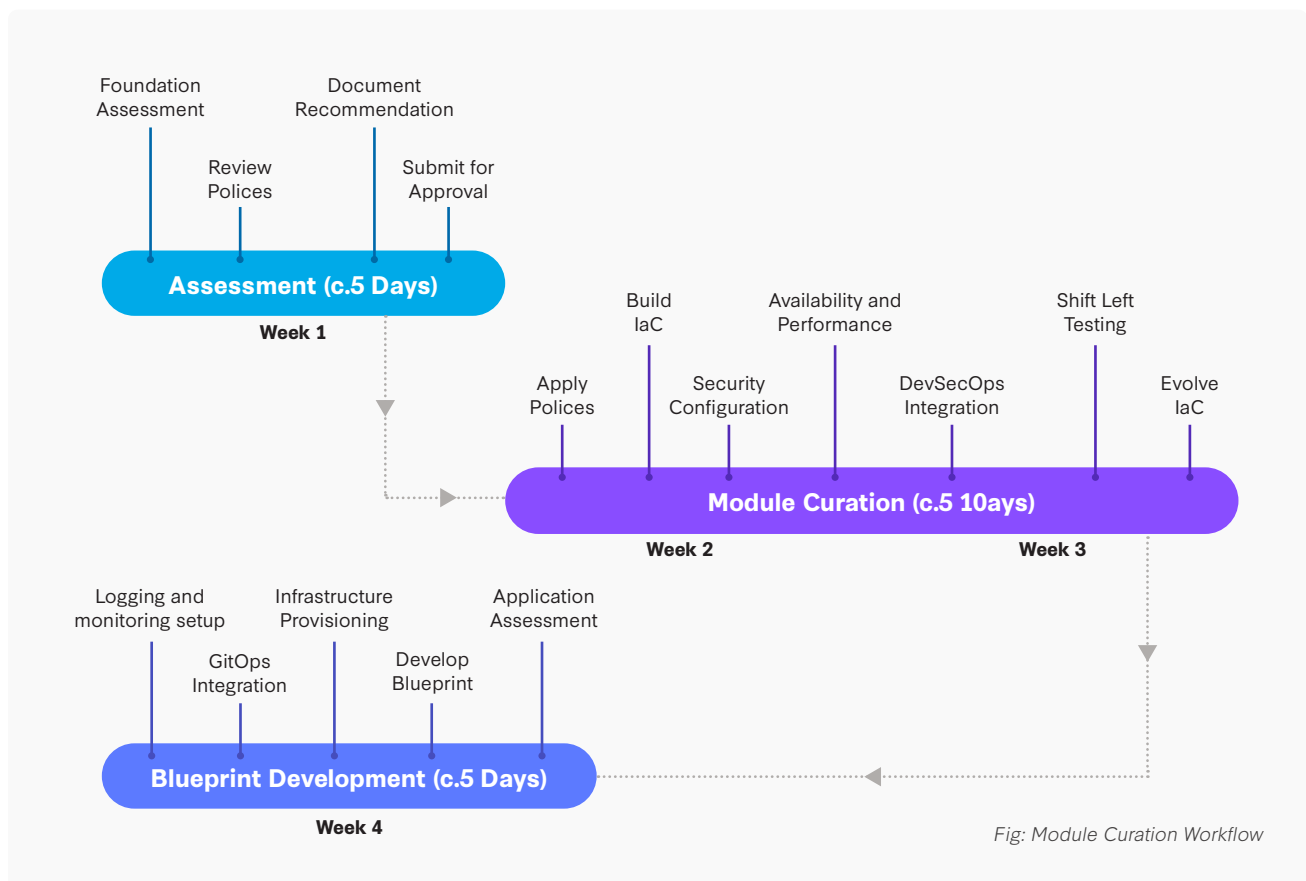
As one of the first Advanced Specialist Kubernetes Partners, we collaborate with you to develop and evolve blueprints of the whitelisted Kubernetes and Container services in Azure to make it compliant with security, network, monitoring, auditing, etc.

Module Curation, a part of Virtusa Falcon 360 – our unique Cloud Transformation framework, includes Azure Foundation Framework, Blueprint as a Code (vBPaaS), Accelo, and Migration Library. vBPaaS is a library of 100+ curated modules and blueprints based on the Virtusa industry experience. Accelo provides integration to vBPaaS to create templates for cloud provisioning and management.

We update the module curation framework constantly with best practices and guidelines to ensure it contains the latest compliance norms.

Module Curation Squad

Virtusa Module Curation Squads leverage AKS Module Curation Playbook (approach, frameworks, and accelerators) to curate cloud services modules 45% faster, reduce security and compliance risks, and eventually accelerating enterprise cloud adoption. It involves the assessment of the Azure foundation, curating the AKS module, and developing blueprints for a strategic application.



Our Module Curation services cover

Foundation Assessment (1 week)

- Cloud assessment maturity report
- Security and compliance policy recommendations

AKS curation (2 Weeks)

- Curated AKS module IaC (Terraform/ARM)
- DevSecOps pipeline recommendations

AKS blueprint for the application (1 Week)

- Strategic application assessment report
- AKS blueprint (IaC) for the strategic application

Benefits

- Secure and governed infrastructure provisioning for AKS, across the enterprise
- 30% increase in productivity of IT teams with engineering automation
- Increased developer agility, empowered to provision infrastructure through IaC

