TORQUE | SOLUTION BRIEF

Quali

Simplify control and delivery of IaC assets with Torque

Address complexity, improve visibility, and establish cost accountability for all your infrastructure

While the cloud has accelerated the adoption of DevOps, IT is now facing new complexities and new technical debt. Each software pipeline stage needs a different infrastructure mix consisting of various software and tools.

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Infrastructure configuration and tool sprawl has increased complexity and costs and reduced visibility into usage. Additionally, the focus on speed has led to ungoverned cloud usage, siloed teams, and disparate tools, leading to unforeseen challenges: fragmented infrastructure and islands of infrastructure automation.

As a result, IT and infrastructure operations teams struggle to visualize, manage, and govern infrastructure. This diminishing control reverberates across the organization: governance lapses, costs escalate, and security risks increase, to name a few.

This forces most organizations into reactive, manual approaches to dealing with complexity and regaining control. With cloud costs, for instance, while cloud cost management tools aggregate and report data from multiple clouds, the data reflects historical activity. And unless development and operations teams manually tag cloud instances identically, the organization will continue to struggle to track costs by team or project accurately.

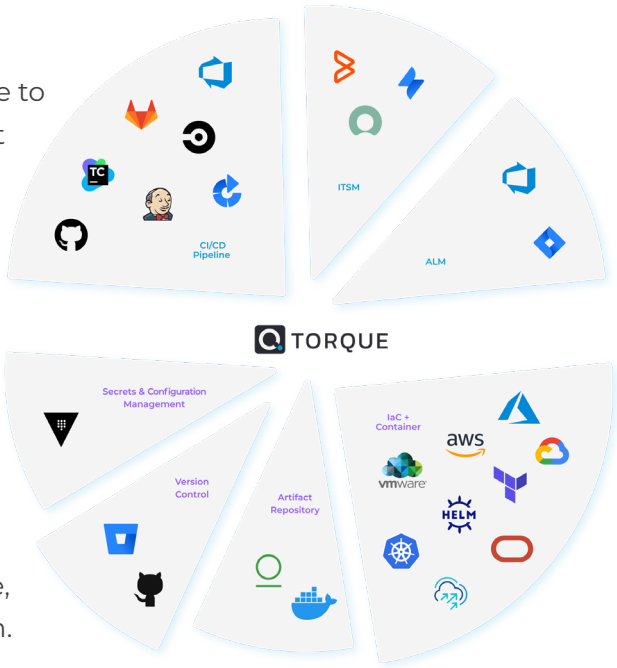
It's an unreliable long-term approach that begs for consistency and automation to:

- Make IT and software a catalyst of innovation
- Future proof infrastructure systems, technology, and processes
- Establish governance and cost accountability without sacrificing agility and the acceleration of innovation

LIMITLESS SCALABILITY IN THE CONTINUOUS DELIVERY OF YOUR SOFTWARE

Quali's Torque platform implements an environment control plane to deliver and support the continuous delivery of software at scale. It accomplishes this by discovering and subsuming infrastructure data from Infrastructure as Code (IaC), container provisioning, and configuration tools including Terraform, Helm, and AWS CloudFormation. It then de-compiles the definitions and automatically identifies the infrastructure elements.

Once identified, Torque automatically models the elements of an environment into blueprints, which function as central templates for organizations to define their infrastructure usage in a standardized, consistent, and measurable way. As a result, infrastructure becomes more sharable and secure, highly scalable, and accountable with policy and governance mechanisms built in.



1 DISCOVER & IDENTIFY

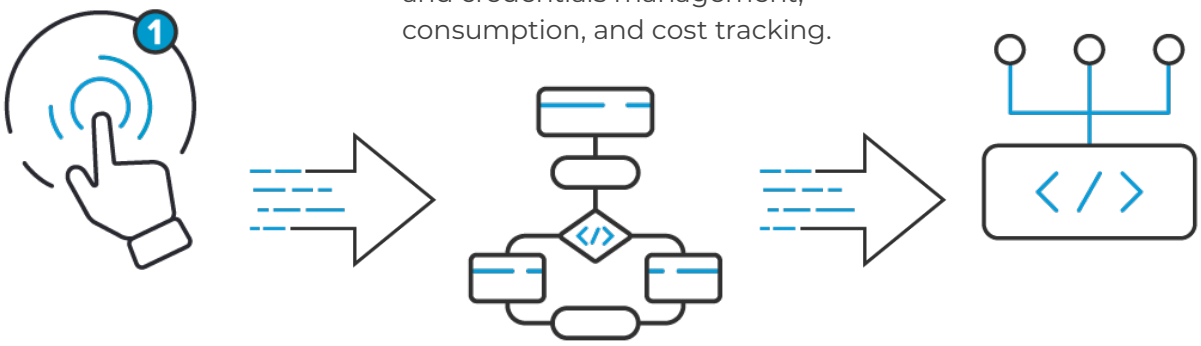
Torque automatically locates and discovers infrastructure defined in provisioning, configuration, and IaC files. Additionally, it identifies the infrastructure elements within those files, creating a common reference for all infrastructure no matter in what tool the infrastructure is defined.

2 MODEL & BLUEPRINT

Once discovered, Torque automatically models the discovered infrastructure elements into a blueprint, incorporating business context, artifacts, and dependencies to create complete application environments. The modelling process embeds guardrails for access to cloud accounts and resources, security secrets and credentials management, consumption, and cost tracking.

3 DELIVER & OPTIMIZE

With Torque, administrators apply role-based, self-service access to the environments. Usage is tracked in detailed reports with costs documented. Torque also provides cost estimates for blueprints before they are deployed, and consumption is manged with policy-based guidelines.



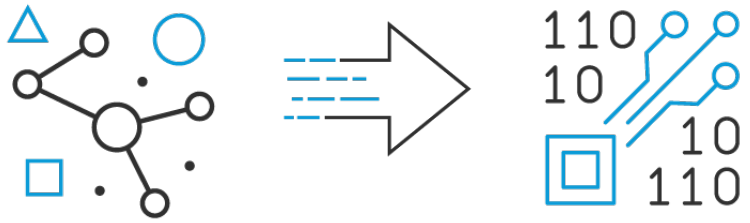
Torque auto-discovers and imports configurations from Terraform, Helm, AWS CloudFormation and vCenter

4 DECOMMISSION

To help control costs, Torque automatically tears down and cleans up all infrastructure that is no longer used or has exceeded its lifecycle timeline.

5 REFINE

Finally, Torque automatically assesses IaC configurations and the characteristics of deployed environments to identify configuration changes and drift. Users receive alerts with specific details when Torque detects changes and updates, so they can act and remediate issues quickly.



CREATE THE IDEAL BALANCE OF SPEED, GOVERNANCE, AND COST CONTROLS

DevOps and IT operations leaders use Torque to gain real-time insights into what, when, why, and by whom infrastructure is being used. And they do so in measurable ways that do not inhibit development practices and tooling. The control plane maintains the freedom enjoyed by software development while reducing risk, establishing accountability, and supporting software delivery speed.

With Torque and its control plane, organizations can scale infrastructure orchestration across every type of infrastructure (multi-cloud, IaC, containers, virtualization), accelerating the rate of software innovation. Additionally, they gain real-time visibility into infrastructure usage, allowing DevOps, developers, and operations to respond to change with the nimbleness necessary to position their organization for long-term success.

Take control of your infrastructure while speeding application delivery.

Get started today with a free trial account of Torque >

About Quali

Headquartered in Austin, Texas, Quali provides the leading platform for Environments-as-a-Service infrastructure automation solutions, helping companies achieve freedom from infrastructure complexity, so they can operate with velocity. Global 2000 enterprises and innovators everywhere rely on Quali's award-winning CloudShell and Torque platforms to create self-service, on-demand automation solutions that increase engineering productivity, cut cloud costs, and optimize infrastructure utilization. For more information, please visit quali.com and follow Quali on Twitter and LinkedIn.