OneFuse Integration Platform
Accelerate Digital Transformation in a Multi-tool World

As companies make the shift towards digital transformation, infrastructure teams are under mounting pressure to find efficient and cost-effective solutions to address the challenges around a growing number of clouds, toolsets, and teams. Analysts indicate there are four to six automation platforms and tools that interact with infrastructure systems in the modern enterprise[1]. In order to be effective, these technologies must converge to meet the needs of the business without compromising IT governance and compliance.

In order to address this new mandate, enterprise IT has adopted a wide range of automation technologies to help accelerate the time to provision new resources in hybrid cloud environments. This new multi-tool paradigm has created operational chaos for IT teams that must write scripts and custom code integrations, often leaving organizations with unmanageable technical debt. Over time, customizations distract teams from focusing on innovation and inhibit IT's ability to drive business goals.

The OneFuse platform was designed to address these complex integration challenges by providing a codeless solution to bring together platforms and tools across hybrid cloud environments and technologies. With OneFuse, organizations transform custom developed integrations into configurable policies that extend across platforms, DevOps tools, and teams, unifying processes and outcomes.

Features

- Codeless integrations remove the expense and overhead of scripts and other custom development
- Decouples integrations into API-consumable policies that can be shared across teams, clouds, and technologies
- Policies are governed and managed from a single console with access management and audit capabilities
- Dynamic templates offer flexible, data-driven parameters - with validation -for the most sophisticated use cases

Benefits

- Reduce complexity – and cost – by minimizing the need for custom developed integrations
- Avoid vendor lock-in with policies that can be used within and between other tools and platforms
- Improve governance and standardization with direct line of sight across platforms and toolsets
- Accelerate time to value for all of your IT automation investments
- Streamline management and ensure that infrastructure resources are IT complaint

Removing the Barriers to 100% Automation

IT environments are distributed and often contain diverse tool chains from multiple vendors, all with varied provisioning capabilities. With OneFuse, organizations can bridge IT silos and enable collaboration through governed policies and workspaces; specialized teams maintain control of their domains of expertise while still enabling efficient automation. Policies expose only IT specified parameters, so developers and non-IT users are able to easily provision resources from their tools of choice. OneFuse policies are reusable and extendable, delivering compliant, standardized infrastructure deployments at scale - everytime.

IT Governance without Development Disruption

OneFuse role-based access control and policy model simplifies and improves security by defining parameters that create guardrails for users, use cases, and endpoints or services. Policies can be shared with specialized teams or subject matter experts with the OneFuse workspace feature, which allows systems owners to stay in control while still being able to automate tasks in the provisioning lifecycle.

The OneFuse console provides visibility into tools, users, APIs, and job outcomes for better auditing and compliance. This removes the need to sift through logs from multiple systems to find and fix the problem. Job detail records are shown in the context of their policy, so it's easy to quickly see what properties were missing or incorrect which means faster resolution as well as an improved end user experience. Policies protect provisioning, decommissioning and custom actions, so you can closer to 100% automation safely.

Summary

The OneFuse integration platform offers key capabilities to help enterprises dramatically reduce custom code and improve governance as they adopt VMware vRealize Automation, Terraform, and other automation tools.

- **Centralized policy management and visibility** - Through OneFuse's, single web-based console, IT teams have one place to build and view policies that are provisioning cloud resources, enabling better control over infrastructure governance and compliance.
- **Modular, configuration-based automation** - Through OneFuse's dynamic templating technology, enterprises can rapidly build integrations (e.g., for IT technologies like IPAM, DNS, networking and security, etc.) into API-consumable policies for easy sharing across various IT teams and cloud environments.
- **Role-based control with workspaces** - With OneFuse, enterprises can easily limit who can create and execute policies while securely segmenting, managing, and sharing policies within and across departments / groups for improved security posture.
- **Easy consumption from automation tools** - Designed to complement automation tools, orchestrators, and scripts, OneFuse makes it extremely easy for upstream automation tools to consume downstream integration policies, without the need for custom code.
- **Portability between vendors** - OneFuse helps avoid vendor lock-in by allowing users to easily redirect policies to new vendor systems without having to re-write scripts and custom developed integrations. Provides a migration path to vRealize Automation 8.x by bridging both platforms with common policies.
- **Fully-supported** - Continuous feature releases & updates and support for vRealize Automation 7 and 8, CloudBolt, and Terraform with more on the way!

[1] https://www.enterprisemanagement.com/research/asset.php/3901/Data-Driven-IT-Automation:-A-Vision-for-the-Modern-CIO-Report-Summary