OneFuse Integration Platform



Presenters





SovLabs, now part of CloudBolt Software

Traci Curran Director of Product Marketing **David Coulter** Co-Founder and CTO

A History of Success

- Backed by Insight Partners, a \$30B private equity firm
- 150+ global, enterprise customers and rapidly growing
- Leader in cloud management and integration solutions
- Awards Gartner Magic Quadrant; #242 on Deloitte Fast 500; 2020 CODiE Award for Best Cloud Management Solution
- VMware expertise Technical Partner of Year; Global Cloud Management & Automation Partner of Year; 150+ VMware certifications in data center & automation
- NPS score given by vRA customers 3x higher than industry average













Connection Management



7 Integrations

Automation

vRealize

VMware

ServiceNow Connector

New IT Challenge



Impact to Your Bottomline



Multiple Automation Technologies



Average number of provisioning/ automation tools in the enterprise¹



Spiralizing costs from disparate systems



Increase in maintenance costs for heavily customized environments

Annual cost of cloud "waste" as a result of ungoverned provisioning

Difficult Governance

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& Compliance



The realities that modern IT teams face

No single platform provides 100% automation coverage out-ofthe-box



Tools with overlapping capabilities

Specialized Teams

Need for improving security posture, governance/ compliance and visibility

Tech debt, increased management overhead and IT project delays

X

Integrations in a multi-everything world



Road Blocks...

- What happens when IT switches tools?
- What happens when versions/APIs change?
- Support and user experience across vendors?

Operational, scaling concerns...

- Duplication of integration effort
- Pockets of automation "glue code"
- Lack of centralized policy/governance for integrations

Governance and security in a multi-everything world



Security Impact...

- Who manages and who consumes?
- What happens when teams need to consume each other's services?
- How to implement least privilege, separation of concerns?
- Where do you start when there's an outage, who's responsible?

Centralized Integration Management: standardize, control, simplify



The Power of Abstraction – Separation of Policy and Endpoint



Reserves IP 10.1.1.89, registers A and PTR records in zone(s) a.com

Avoid vendor lock-in, change without breaking your provisioning process



Removes host record "srv01" from a.com, which releases IP 10.1.1.89

OneFuse: Demo - Custom Naming Services



Current Plug-in capability for vRealize Automation (Naming)



VM

OneFuse capability for vRealize Automation (Naming)

Name what matters



Scaling with Terraform with OneFuse: Naming

Current pain points

- Duplicating TF plans
- Scaling generation of unique, standardized human readable names across deployments
- Disruptions due to conflicts

Streamline, simplify TF plans with OneFuse

- simplify, drive names with parameters instead
 utilize sequencing and validations, parameter
 enforcement, templating provided by the naming
 policy
- drive standards across environments, clouds, deployments
- view generated names in one place, by policy
- store generated names as resources in TF state

Scaling Terraform, Driving VMware

Centralized Naming Policies for Deploying/Managing Critical Components



Scaling Terraform, Driving Cross-Cloud Standards



Centralized Naming Polices

- Template
- Sequence
- Validate
- Persist
- Consume
- Manage





Demo recap – OneFuse Benefits – Naming Service

- Sequencing the art of providing unique names
 - Numeric and Pattern Types, Re-use
 - Unique key
- Flexibility through Templating
 - Naming Standard
 - Sequencing
 - Validation
- External validations
- Centralized storage, tracking and visibility
 - Dashboard
 - Jobs
- Naming Policy
 - Centralized Management
 - Compliance
 - Bring it all together sequencing, standards, validators

Get started!

- Define your policy
- Choose one or more automation tools (Hashi, vRA, etc.)
- Configure and consume!

How OneFuse is removing the barriers to 100% Automation

Provide modular, configuration-based automation for low-level components and services

De-coupling integrations into API-consumable policies Dynamic, templatable with flexible parameters

Designed to complement and extend existing automation tools and scripts

Designed to be driven by upstream automation tools, scripts and orchestrators Portability within and between upstream tools and platforms

Focus on consumability, manageability, ease of use

Don't require the consumer to know too much about the details of the underlying infrastructure/service Easy to manage: configuration-based vs custom-developed

How OneFuse improves security posture, compliance and governance

OneFuse role-based access control and policy model simplifies and improves security posture

Limit who can create and execute policies

Policies are restrictive to portions and specific use cases of the endpoint/service

Visibility into all objects created/destroyed via policy

Visibility into jobs with relationship to those policies, calling API/tools/users, inputs/outputs

Start with a vRealize Optimization Assessment

Analyzes 5 critical areas that make up 85% of vRA 7 Management Overhead

Blueprint Sprawl Blueprint reduction of 90% or more

Reservation Architecture and Resource Allocations

> Reservation Optimization and Reduction by up to 60%

Network Architecture Reduction in Network Management by up to 90%



Custom Code Reduction of custom code by 65% or more

Software Components and Script Execution Dynamic assignment of application

installation / script execution

https://www.sovlabs.com/onefuse-trial

Thank you!

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To Learn More: www.sovlabs.com

Request OneFuse early access: https://www.sovlabs.com/onefuse-trial

Request an Optimization Assessment: https://www.sovlabs.com/optimization-

assessment-for-vrealize-automation