

Multi-Cloud Automation

Easily automate public cloud resources from day 0 deployment through day N moves, adds, changes and deletes

Automating Public Cloud IaaS

Through the onboarding of the HashiCorp[®] Terraform[®] engine, Gluware enables simplified automation of Terraform Providers beginning with those for public clouds including Amazon Web Services (AWS), Microsoft Azure and Google Cloud Platform. Using the Gluware[®] Config Modeling application, users can build out the required Terraform Resources and data sources to create the desired infrastructure in the cloud for day 0 as well as ongoing changes. Gluware onboards all the provider components, for example, the provider AWS consists of 644 Terraform Resources and 220 Data sources. Through Config Modeling, users can define the resources, data sources and attributes with the ability to deconstruct the infrastructure into logical components for resources like VPCs, EC2 instances, Security Groups, VPNs, Internet Gateways, Transit Gateways, and more. Using Gluware provides a consistent experience across Terraform providers including automating public clouds.

Simplifying the Experience

Creating cloud infrastructure through a cloud vendor's portal could mean hundreds to thousands of clicks. Using a single cloud's orchestration is limited to that cloud and creates another platform to learn. Terraform is a developer centric product requiring effort to set up the environment, download and maintain files, define API interfaces, establish security keys, and more. Gluware provides a solution to these issues through the integration of Terraform and support for cloud providers. It enables the ability to define the cloud provider endpoint as an API service that all users with proper credentials can leverage. Gluware also builds and maintains the file structure required by Terraform to download and cache the latest plugin along with all the Terraform (TF) config files and the TF state file that is created and updated with each provisioning. Users can start building, provisioning and performing lifecycle management of the IaaS instead of months of learning and setup.

Visibility to See Change Details

Gluware provides full transparency with visibility of the TF file generated and all the details of the interaction with the Terraform engine talking to the cloud APIs in real-time logs along with summaries of what was executed. Gluware also provides visibility of the TF state file with additional integration using the Config Drift application to see exactly what changed in the TF state file for each provisioning.

Gluware is the recipient of the prestigious TechTarget **Network Innovation Award** for its innovative approach to intelligent multi-vendor, multi-domain, and multi-cloud network automation.



Key Features

Terraform Integration Automates Cloud

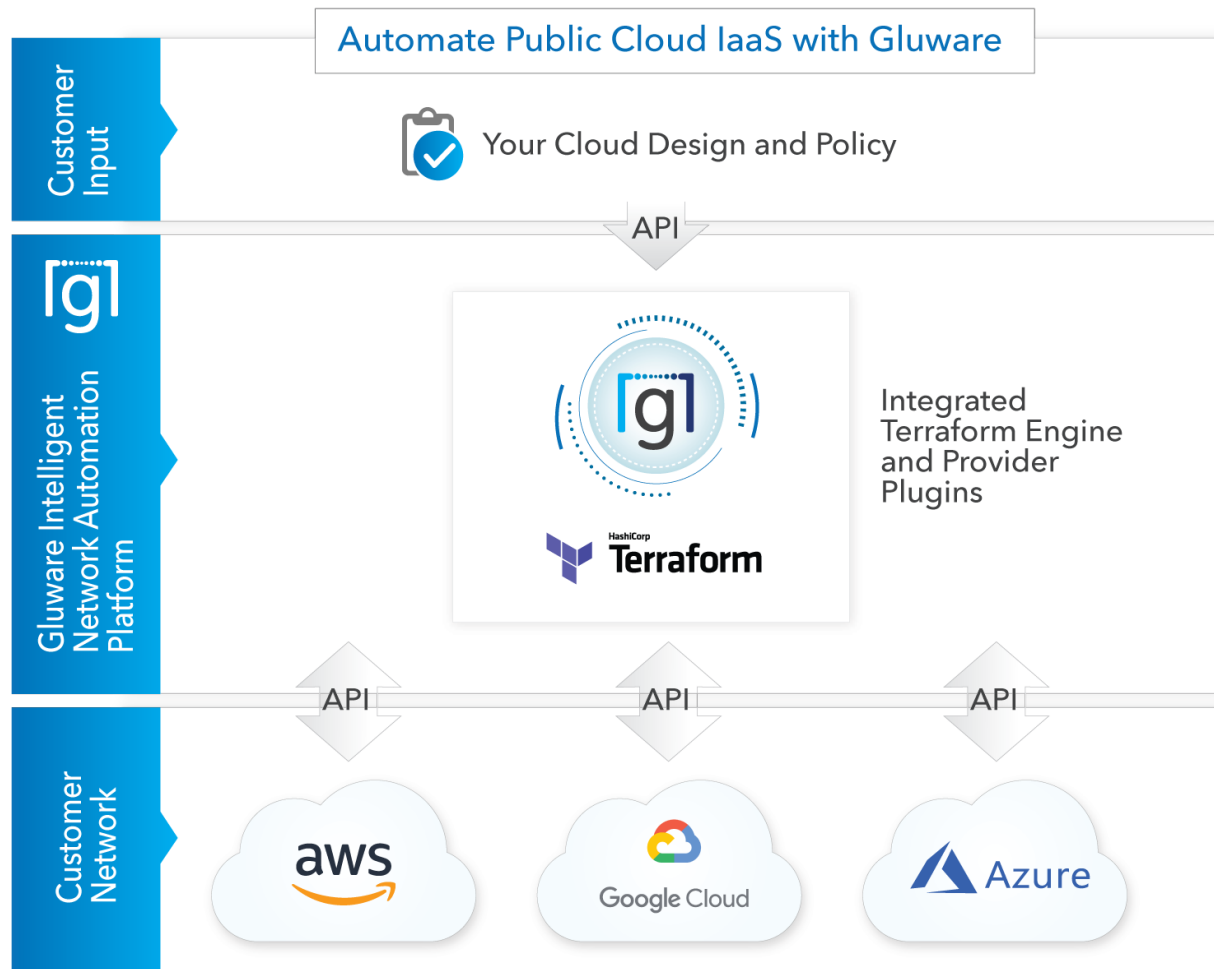
- Integrates the Terraform Engine and onboards Providers including AWS, Microsoft Azure and Google Cloud Platform
- Native HashiCorp Language (HCL) support
- Deconstructs Terraform Resources into Gluware Config Modeling features adding intelligence, abstraction, and reusability

Simplify Cloud Automation

- Creates Cloud Services API endpoints in Gluware to use with the correct permissions
- Builds and maintains the required file structure including downloading and caching of required Terraform components
- Onboards Provider Resources and Data Sources for simplified construction of the TF file
- Flexible implementation to create a single Gluware feature per resource, or to combine resources in a feature, like a VPC containing EC2 instances, storage, security groups
- Config Modeling application lets you add abstraction for variables through simple user-input forms

Preview, Apply and If Needed, Destroy

- Execute a Plan of the change providing a preview
- Apply (provision) the change
- Destroy (un-provision) the resources



Smarter
Centralized Control

Faster
Time to Value

Simpler
Minimize Manual Effort

- Intelligently build and maintain the required file structure and all the files including dynamically loading the Provider plugin with the ability to cache
- Easily define Cloud service API endpoints in the system which are available to users with the proper credentials
- Import existing Terraform config files for use in the Config Modeling application

- For faster building of the required TF file, access reference designs and a full library of resources and data sources from each provider
- Synchronize with an external source for configuration policy with the option to synchronize with data from a GitHub repository
- Minimize troubleshooting time by transparently letting you see exactly what is happening in the logs to ensure provisioning is successful or see all the details of why a failure may have occurred

- Save thousands of clicks with Gluware instead of using a cloud vendor web portal
- See exactly what changed in the TF State file to simplify understanding of what was created, changed or deleted during the apply
- Manage on-premises networking resources as a consistent platform, cloud infrastructure and 3rd party virtual network functions like Cisco[®] routers and F5[®] load balancer using in the cloud



2020 L Street, Suite 130
Sacramento, CA 95811

www.gluware.com