

RE-IMAGINE

CLOUD-NATIVE DATA MANAGEMENT,
VISUALIZATION, AND STANDARDIZATION



DISASTER RECOVERY AS A SERVICE (DRaaS)

BACK UP YOUR MULTICLOUD KUBERNETES DEPLOYMENTS & RESOURCES

Our on-demand Disaster Recovery as a Service (DRaaS) reduces the financial investment and technical complexities that often halt or delay businesses from setting up disaster recovery protections and ensuring compliance requirements in case of any unforeseen natural disasters or ever increasing security risks threatening business continuity.

Simplicity: No need for multiple tools and expensive expert engagements. Discover and backup your infrastructure blueprint in minutes

On-Demand: Infrastructure-wide snapshots that can be restored on-demand

Flexibility: Scheduled backups anytime for VPC, network functions, Kubernetes deployments, Data, and more

Mobility: Ability to restore environments across different regions or setup VPCs in different clouds. Move your application across different regions and clusters.

Single Pane of Glass: For your multi-cloud (AWS, GCP, IBM Cloud) infrastructure backup and multiple accounts under a single pane of glass. Azure coming soon.

Visibility: Track your resources across multiple clouds and accounts and visualize your VPC design and network functions for better troubleshooting.

KEY VALUES PROPOSITION:

VPC+ DRaaS takes a comprehensive approach to data management for cloud native applications. Current approaches assume that a cloud infrastructure is already set up and available using Terraform, Ansible or Cloud Formation scripts before a Kubernetes backup or application can be restored.

We have taken a very holistic approach to backing up a cloud-native infrastructure by saving not only Kubernetes and all its related configurations and data but also the cloud infrastructure such as network functions, configurations, security policies, linux servers, and end-points eliminating the need for using different products and scripts hence reducing RTO and RPO timings for your data protection.

Reduced complexity by eliminating the need for different tools and scripts

Reduced costs because you don't need to hire expensive consultants

Flexible and scalable approach to DR

Efficient RTO and RPO for your data protection

BACKUP VPC DESIGN, NETWORK FUNCTIONS & CONFIGURATIONS

Zones and Regions

IP Addressing and Subnets

Virtual Machines (VMs) Profiles and images

Security Groups

Cloud Load Balancers

Firewall (ACL) Configuration

VPN Configuration

SSH Keys

Network Address Translations (NAT) Rules

Content Delivery Networks or Caching (CDN)

Public Gateway

Target Groups or Resource Groups

And more

KUBERNETES & RED HAT OPENSIFT CLUSTERS

- Worker nodes
- Worker pools
- Services
- Pods
- Namespaces
- Secrets
- StatefulSets
- DaemonSet
- Deployments
- ConfigMaps
- Custom Resource Definitions
- Persistent volumes
- And all the other resources and workloads running within Kubernetes.

LINUX SERVERS

Backup your cloud or on-prem linux servers and restore them in case of disaster with the same profile. Our solution is highly flexible and has the capabilities to deploy application and data on upgraded versions of the baseline Linux OS, and restore it in the same or different cloud.

DATA & STORAGE

Backup your data volume and restore them on demand.

RE-IMAGINE YOUR MULTI-CLOUD DATA MANAGEMENT, VISUALIZATION, AND STANDARDIZATION

Wanclouds' DRaaS is enabled through its SaaS-based automation suite VPC+ (also referred to as VPC+ DRaaS), providing a single pane of glass for managing and protecting multi-cloud environments through a centralized solution. Wanclouds customers can backup the entire virtual private cloud (VPC) resources, including network functions, security policies, Kubernetes (EKS, GKE, IKS, and on-prem Kubernetes and OpenShift clusters). VPC+ has full integration with AWS, Google Cloud, and IBM Cloud. Applications and infrastructure blueprints can be restored on-demand in different regions and in some cases across clouds.

Discover: Discover your entire VPC resources, Kubernetes clusters, endpoints

Backup: Backup VPC blueprints along with security and network functions and policies. Take snapshots of your managed Kubernetes clusters, resources, and data. Backup your linux servers and volumes.

Visualize: Track your VPC resources and visualize the relationships for troubleshooting. Track your spend across multiple AWS accounts.

Compliance: Setup compliance policies against your AWS infrastructure (other clouds integrations coming soon).

Restore: Restore across regions.

Translate: Translate your VPC blueprints across AWS and GCP. from on-prem to cloud

Cloud Integrations: AWS, Google Cloud, IBM IKS, (Azure coming soon)

Templatize: Leverage your infrastructure snapshots or pre-built templates such as VPCs blueprints for restoring on-demand in the same or different regions for testing, validation, and pre-production purposes.

Consolidate: Add multiple clouds (AWS, GCP, IBM Cloud) and multiple accounts under a single pane of glass.

MULTI CLOUD ASSESSMENTS & DESIGN CONSULTING SERVICES

Our team can assist you with planning and assessment and help you choose the appropriate cloud for your applications. We can help you design your infrastructure from networking elements to compute, storage, and security policies. We are flexible in leveraging our experience and expertise in multi-cloud domains to architect custom developments and provide integration assistance in the fastest and most cost-effective way possible.

DevOps & DevSecOps Services: We make continuous integrations and continuous deployments simple and easy. Leverage our tools, playbooks and other best-practices in deployment & maintenance approach.

Management, Monitoring and Optimization as a Service: We help you monitor and self-manage your multi-cloud environments using a single pane of glass where you can add, delete, edit, or create components of your environment and monitor them. You can also monitor your firewalls, VPNs and other network appliances and get alerts when they behave abnormally.

Support Services: We help you monitor and self-manage your multi-cloud environments using a single pane of glass where you can add, delete, edit, or create components of your environment and monitor them. You can also monitor your firewalls, VPNs and other network appliances and get alerts when they behave abnormally.

CLOUD INTEGRATIONS AND KEY FEATURES:

Amazon Web Services (AWS)

- Ability to add multiple AWS accounts
- Price visibility across accounts on a single dashboard
- Discover VPC blueprints including network functions and security policies.
- Discover EKS clusters
- Visualize VPC design and resources
- Backup VPCs and restore across regions on-demand
- Backup EKS along with entire VPC blueprint, Data and restore on-demand
- Restore and move application across EKS clusters on-demand
- Translate and restore your VPC infrastructure on Google Cloud
- Bring standardization by creating compliance policies across all your AWS accounts added to VPC+

IBM Cloud

- Ability to add multiple IBM cloud accounts
- Discover VPC blueprints including network functions and security policies.
- Discover IKS clusters along with VPC resources
- Visualize VPC design and resources
- Backup IKS along with the entire VPCs blueprint, and Data and restore on-demand in any region.
- Backup your IBM cloud managed OpenShift cluster and Restore on-demand Migrate OpenShift clusters from on-prem to cloud
- Backup on-prem OpenShift cluster in IBM Cloud COS and restore it back onto on-prem or restore in IBM Cloud VPC.
- Move applications across IKS clusters on-demand

Google Cloud

- Ability to add multiple Google accounts
- Discover VPC blueprints including network functions and security policies.
- Discover GKE clusters
- Visualize VPC design and resources
- Backup VPCs and restore across regions on-demand
- Backup GKE along with entire VPCs blueprint, and Data and restore on-demand Restore and move application across GKE clusters on-demand
- Translate your GCP infrastructure blueprint and restore on AWS

We look forward to assisting you with your cloud migrations and management initiatives.

Please contact us: sales@wanclouds.net or visit: www.wanclouds.net