

GRIDDABLE.IO

Synchronized data portability across any database or cloud

Hybrid cloud operations require data portability

Database architects need a simple approach to migrate enterprise data to the VMware Cloud on AWS, re-engineer for cloud-first architectures, and ensure portability of data across multiple public clouds to avoid vendor lock-in. The Griddable.io smart grid for enterprise data continuously synchronizes data across heterogeneous clouds, databases, and schemas.

Smart grid for enterprise data

Griddable.io has built the industry's first smart grid for enterprise data. Key attributes include:

- **A resilient scale-out grid architecture** that guarantees continuous transactional consistency across heterogeneous databases and clouds.
- **Powerful policy engine** with a declarative policy language used to easily configure selective data synchronization and data customizations without service interruption. Migrate an entire database or selected data sets.
- **Pluggable end-points** build on existing change data capture logs with minimal database overhead.

The Griddable.io service can be brought online in minutes without professional services or expert training. The grid runs within a private customer instance on vSphere, VMware Cloud on AWS, or other clouds. Database agents can be deployed on the cloud or close to on-premise databases for highest performance.

VMware Cloud on AWS Key Benefits

- Unified and operationally consistent hybrid cloud experience across vSphere-based private clouds and VMware Cloud on AWS
- Workload portability and flexible consumption options with single support owner and attractive TCO
- Familiar management tools eliminate the need to retrain staff (vCenter, vSphere API, PowerCLI and modern HTML5-based vSphere Client)
- Operating as a cloud service creates zero lifecycle management while enabling customers to retain control of application management and operation
- Lays the foundation for integration of 3rd party tools from leading ecosystem partners

Bringing together best-of-breed technologies and capabilities that create a seamless and flexible hybrid cloud future for customers, VMware and AWS enable services that easily grow and evolve as enterprise needs change. Whether expanding services on-premises or in the public cloud, the VMware Cloud on AWS eliminates the need to make changes to operating models or architectures. The result is the most flexible approach to evolving enterprise cloud strategies to keep pace with digital transformation.

GRIDDABLE.IO BENEFITS

Multi-cloud data portability

Rapidly respond to changing price/performance demands without service interruptions while avoiding cloud or database vendor lock-in.

Live database migration

Migrate an entire database or a selected data set between on-premise and public cloud databases with no production disruption. Target databases can be different versions, schemas, or type than the source.

Selective, continuous synchronization in any topology

Synchronize and selectively filter operational databases to many simultaneous innovation or analytics projects to enable the distributed use of continuously up-to-date system-of-record data. Eliminate database snapshots which quickly become stale and irrelevant.

Selective data customization to each destination

Transform data in transit across database versions, schema, and platforms. Synchronize legacy and new cloud-first systems to meet privacy requirements by protecting personal or sensitive data from unauthorized access or distribution.

LEARN MORE

Griddable.io is a venture-funded SaaS-based service company providing the industry's first smart grid for continuous synchronization of enterprise data.

<https://marketplace.vmware.com/vsx/solutions/geocloud-vmconaws-np-1-0>

www.griddable.io

Griddable.io synchronized data across hybrid cloud

Heterogeneous databases and clouds

The Griddable.io grid frees organizations from dependence on legacy databases by automatically and continuously synchronizing data across heterogeneous combinations of clouds and databases, enabling the simultaneous use of heterogeneous synchronized databases for different use cases.

Continuous synchronization

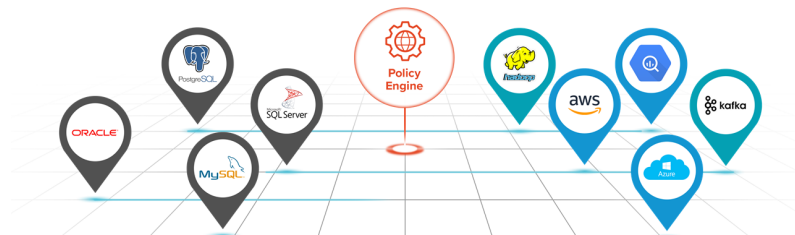
Griddable.io data synchronization is performed in real-time, resulting in databases which are time synchronized and consistent. The grid starts by automatically creating an initial copy of the source database, then synchronizing each subsequent transaction without manual intervention or user tracking of transaction numbers and logs. VMware vSphere databases are automatically brought up to date, allowing databases to move or be provisioned dynamically according to demand and remain continuously synchronized with the latest source data.

Data customizations

Griddable.io selectively filters, masks, encrypts or transforms data in grid services without impacting the source data. The grid customizes data at the source, destination, or both, enabling advanced use-cases for reducing network traffic or enhancing privacy.

Visual policy designer

Policies replace heavily-customized database engineering scripts for numerous replication and Integration tools. Policies are declarative, allowing the data architect to focus on the results and not the mechanics of copying, filtering, and manipulating data.



The griddable.io smart grid for enterprise data guarantees transaction consistency across heterogeneous sources and destinations

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