

Introduction to Velostrata

Velostrata software migrates production workloads to the public cloud in minutes, while controlling and automating where storage resides—on premises, in the cloud, or a combination of both.

Cloud Migration Like No Other

No more application rewrites or personnel-heavy migrations. Use Velostrata to migrate your applications to the public cloud without the complexity and risk of these approaches. With Velostrata, there is no need to rewrite applications for cloud migration; no changes to the applications, images, or storage are needed.

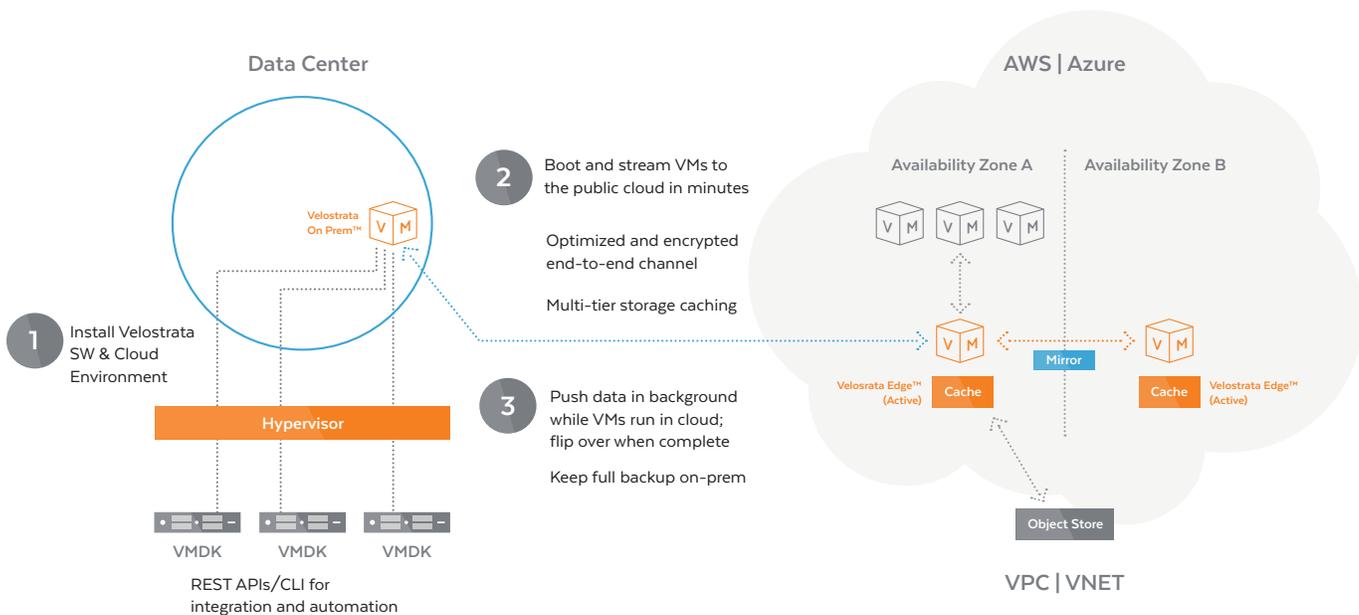
Velostrata's patent-pending technology uniquely decouples compute from storage and provides intelligent network boot and streaming, WAN and storage optimization, multi-tier caching, and data pre-fetching capabilities that make it possible to move compute to the cloud in minutes and seamlessly move storage in the background if and when it makes sense.

Data is stored in an object store for resiliency during migration, while frequently accessed data is served using high performance in-memory and SSD-based caching. Performance is optimized end-to-end to ensure low latency/high throughput regardless of whether you are using cloud-based object storage or on-premises storage.

Velostrata is Different

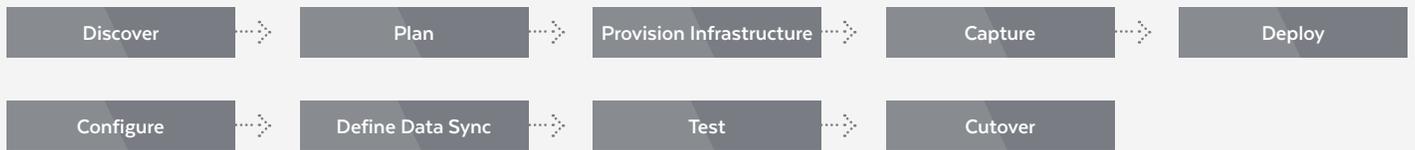
- **Simple:** No need to modify applications, images, or storage, and you can use the same tools and processes that you use to manage your VMs in house. Migrating production workloads is as easy as selecting a VM and clicking "run in cloud."
- **Fast:** You can have stateful applications up and running in the public cloud in minutes, vs. weeks or months and regardless of image or data size. Storage can be kept on premises or migrated over time, without impacting application performance.
- **Comprehensive:** Velostrata is the only solution that addresses migration of both compute and storage and de-risks the entire process of moving to the cloud. Furthermore, once in cloud, a fully synchronized copy of the environment can be kept on-premises, so going to the cloud is no longer a one-way trip. Moving applications back on premises or to another cloud is just as easy.

Velostrata Smart Migration



Without Velostrata

Without Velostrata, cloud migrations are costly, time-consuming, and risk-intensive exercises that often fail after weeks or months of effort.



Cloud migration without Velostrata requires many complex steps

With Velostrata (Smart Migration)

With Velostrata, cloud migrations are low-cost, fast, and low-risk. Moving back on-premises or to another public cloud is simple and fast.



Cloud migration with Velostrata in just a few simple steps

Smart Migration Benefits

- **Reduce Migration Risk:** Easily test applications for cloud performance and cost before you migrate; Because storage can be retained on premises while applications are in the cloud, you have a safety net. If you decide you want to move applications back on premises—or to another cloud provider—it's as easy as a few mouse clicks.
- **Reduce Costs:** Eliminate data centers by migrating enterprise applications to the public cloud; reduce opex costs by simplifying and accelerating the migration process.
- **Improve Business Agility:** Migrate compute in minutes while intelligently streaming data in the background; enable workload mobility across cloud regions without the need to move storage; support test/dev projects on demand.
- **Improve Operational Efficiency:** Leverage the same in house management tools and processes you use today, even after migration. No changes to the applications, images, or storage are required.
- **Mitigate Security and Compliance Risks:** Gain full control over where the data resides (on-premises, in the public cloud, or some combination.) Data is encrypted in motion and at rest.

Example Applications

Velostrata smart migration is ideal for workloads like ERP, Collaboration, Middleware, OLTP, Oracle and MS-SQL databases, and compilers—to name a few.

About Velostrata

Velostrata is the cloud workload mobility company. With Velostrata software, enterprises can move enterprise workloads to the public cloud in minutes, while controlling and automating where data resides. With Velostrata, moving workloads to the cloud becomes simple, fast, cost-effective, and low risk. Velostrata uniquely decouples compute (VMs) from storage (VMDKs), and provides a way to run production workloads in the public cloud, without requiring any changes to workflow or sacrificing performance, all at the click of a button. Velostrata is backed by Norwest Venture Partners and 83 North (formerly Greylock Partners IL), and is headquartered in San Mateo, California, with research and development in Israel.

For more information, visit velostrata.com.