

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 traditional replication-based approaches. With Velostrata, there is no need to rewrite applications for cloud migration; no changes to the applications, images, or storage are needed. And, you can begin with just a few clicks in vCenter.

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 within 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.

Application Targets

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

Velostrata is Different

Velostrata software has a number of key differentiators that make it an ideal solution to support enterprise cloud migration

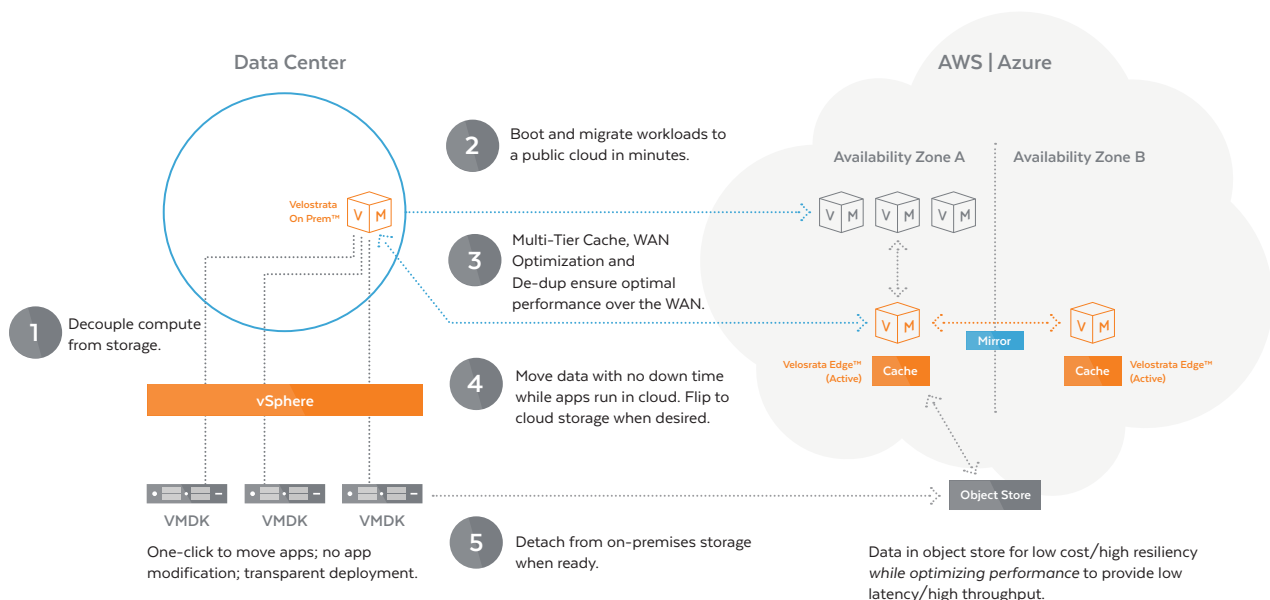
Speed: Real-time streaming means stateful workloads begin running in the cloud within minutes (10–100x faster boot than replication-based approaches) while storage migrates in background, keeping your migration projects fast and on track.

Simplicity: Agentless technology that automatically adapts workloads for cloud, managed via vCenter plug-in, PowerShell, or integration with cloud management tools via full REST API.

Scale: WAN optimizations including caching, de-duplication, predictive pre-fetch, and compression means moving dozens of VMs per hour.

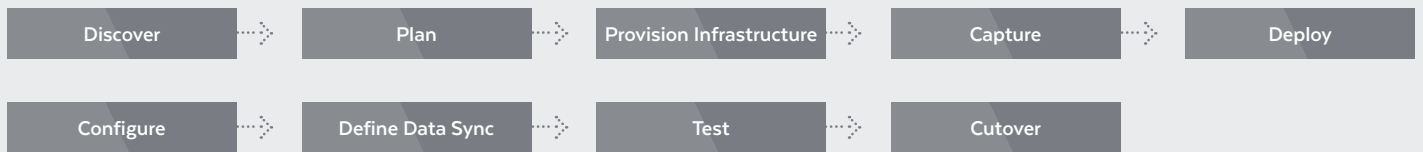
Safety: Test before you migrate to optimize performance and pick the right architecture, and enjoy the safety net of instant rollback to on-prem if needed.

Velostrata Accelerated Cloud Migration



Without Velostrata

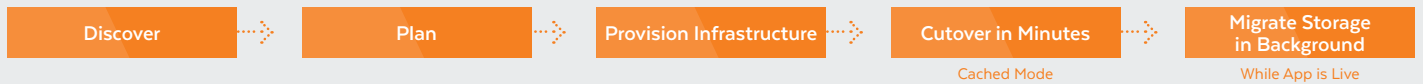
Cloud migrations are costly, time-consuming, and risk-heavy exercises that often fail after weeks or months of effort.



Cloud migration without Velostrata requires many complex steps

With Velostrata Accelerated Cloud Migration

Cloud migrations become fast, low-cost, and low-risk. Moving back on-premises or to another public cloud is also simple and fast.



Cloud migration with Velostrata in just a few simple steps

Accelerated Cloud Migration Benefits

Velostrata's unique technology delivers a smooth cloud migration journey which provides tangible benefits to the business before, during, and after the migration is complete.

Cut Costs

Save millions of dollars by reducing manual labor and eliminating redundant on-prem systems sooner:

- Vastly reduce manual labor for each system migrated
- Eliminate costly on-prem hardware and software licenses sooner
- Pay only for what you need, instead of over-provisioned datacenters
- Avoid costly hardware purchases (GPUs, etc.) that you can rent in the cloud

Save Time

Free up countless IT hours for other initiatives:

- Planning, testing take place in parallel
- Workloads begin running in cloud within minutes (not days or weeks, making it 10-100x faster than replication-based approaches)
- Easily migrate dozens of VMs per hour
- Avoid costly application downtime

Reduce Risks

Built-in testing and rollback, plus a vastly simpler experience:

- Avoid software agents that require additional troubleshooting and security exceptions
- Easily test for performance, cost directly in cloud without taking production applications offline
- Keep data synchronized between cloud and on-prem as needed
- Avoid complicated data reconciliation, app downtime issues at time of cut-over
- Return any workload on-prem with just a few clicks

Improve Agility

Architect the cloud that works best for your enterprise:

- Start enterprise workloads in the cloud on-demand
- Automate your migrations with runbook tools
- Move back on-premises or to another cloud in a matter of minutes
- Rent compute any time you need it

VELOSTRATA

Velostrata software enables public cloud migration and workload mobility with speed, scale and simplicity. Unlike replication-based approaches, Velostrata's agentless platform moves applications to the cloud in minutes. The software is easy to deploy and manage, and can significantly reduce the risks associated with migration. Unique capabilities let organizations "test before they migrate" in minutes, without taking production applications offline, and provide ongoing flexibility to move workloads back on-premises or to another cloud if desired.



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