

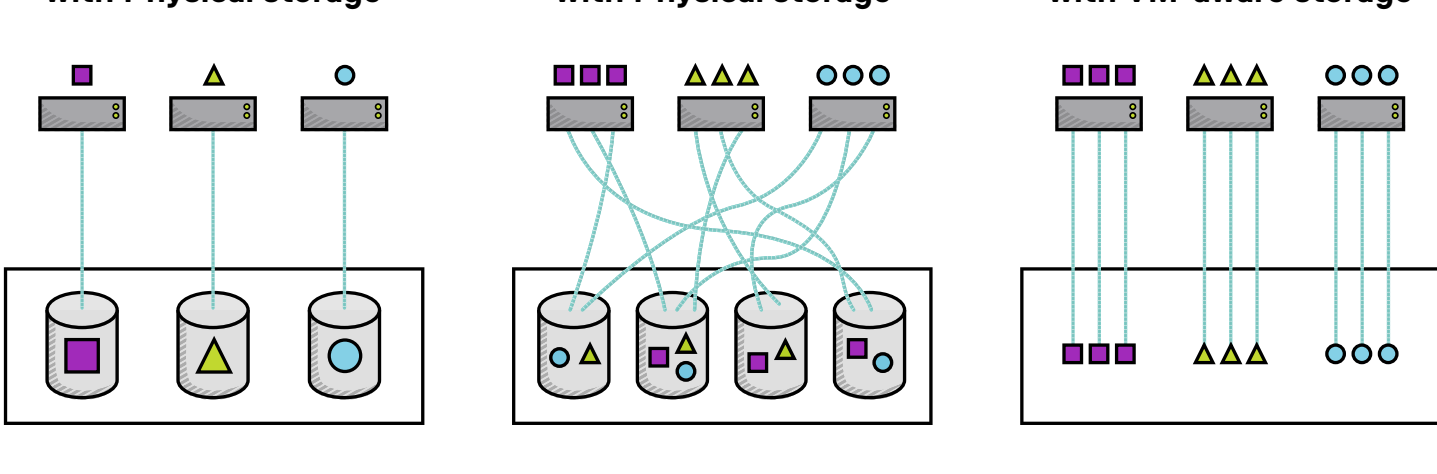
# Tintri VM-Aware Storage

## Why.

A decade ago, storage was simple. Each physical workload was mapped to its own storage LUN. There were no resource conflicts, no contention and no confusion.

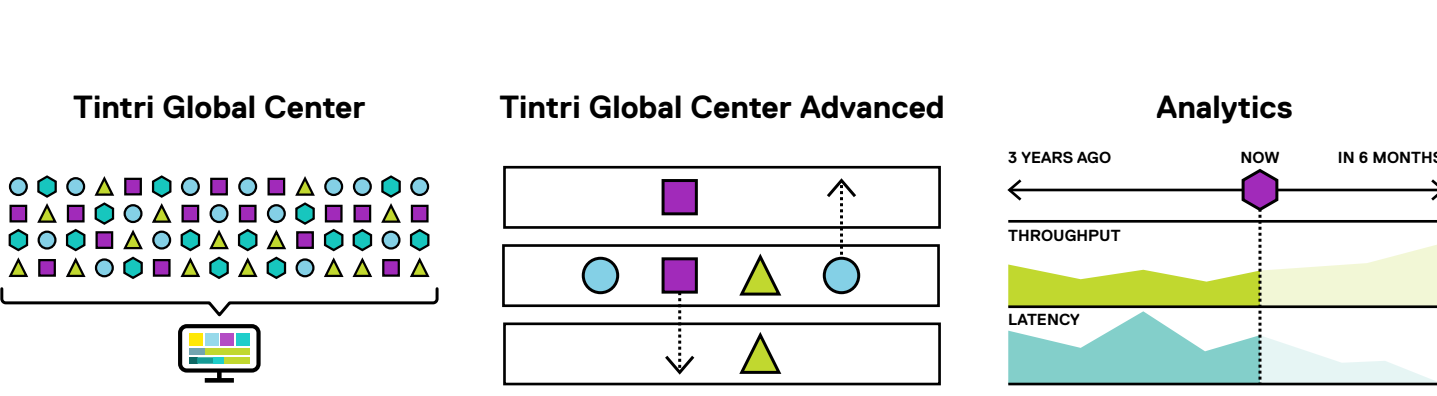
But ten years later, the landscape has changed. The percentage of virtualized workloads has leapt from 2% to more than 75%. But, the storage on which they reside remains built for a physical world—the result is a tangled mess of VMs and LUNs.

Enter VM-aware storage (VAS) – storage built specifically for virtualized enterprises and cloud – to clean it all up.



## What.

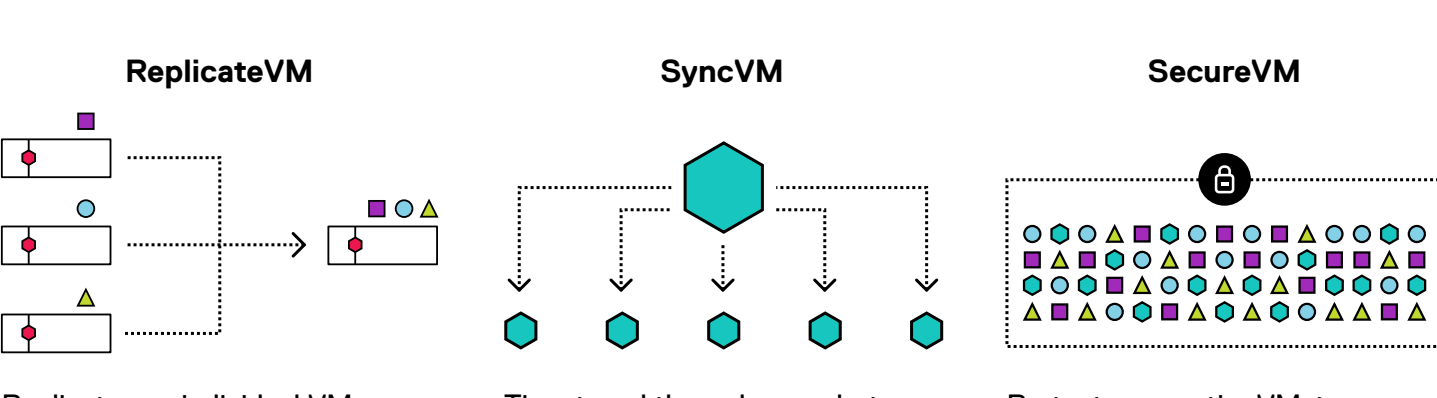
The premise of VAS is simple—take every storage action at the VM-level. Manage, replicate, clone, snapshot and analyze individual VMs. NO LUNs. NO volumes. NO wasted time and money with Tintri's VAS portfolio:



Manage multiple VMstores and up to 100,000 VMs from a single pane of glass.

Identify the best placement of every VM to optimize use of your capacity and performance.

Profile applications and plan for capacity and performance needs based on exact VM behaviors.



Replicate any individual VM from your dashboard in just three clicks.

Time travel through snapshots and update child VMs from a master in seconds.

Protect your entire VMstore with zero impact on performance or capacity.

# 25

patents filed

# 98%

less management time

# 4X

fewer rack units (and power)

## How.

With VAS you can do all sorts of things that are entirely impossible with conventional, LUN-based storage. Here are three that prove VAS is delightfully different:

### 1.

See it all with cross-infrastructure visibility. You can pinpoint the exact source of latency for any individual VM or your VMstore in aggregate. All you have to do is hover over the VM or VMstore and you'll see latency stemming from host, network and storage. No more fingerpointing—troubleshoot in seconds.



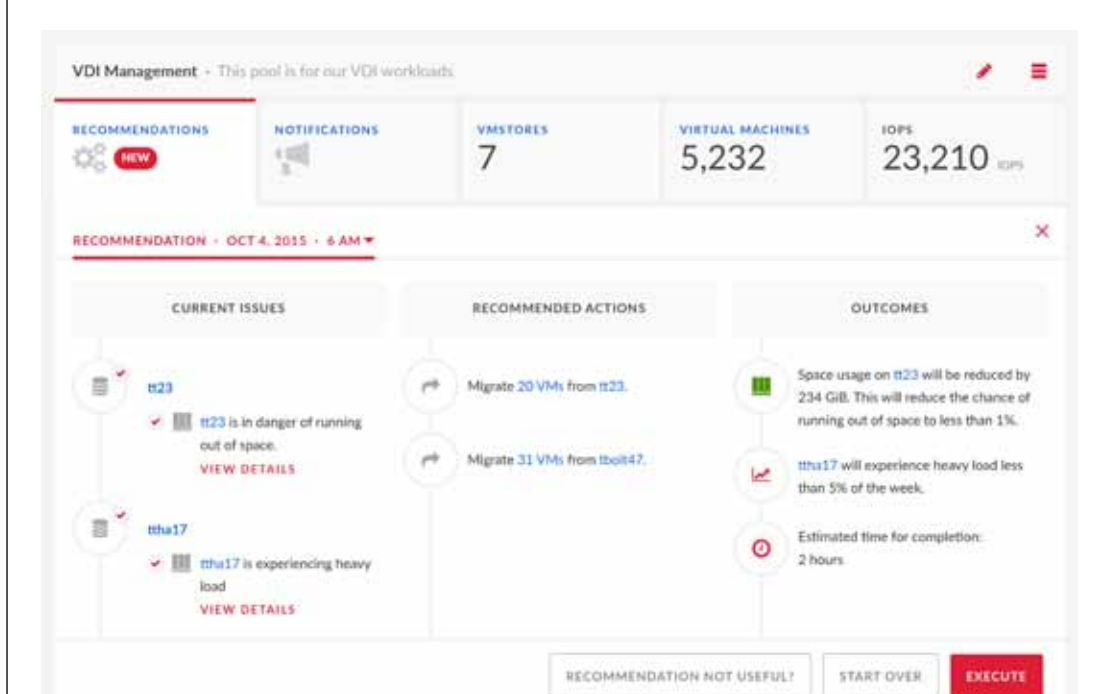
### 2.

Guarantee performance with VM-level Quality of Service. You can set the MIN and MAX IOPS for any individual virtual machine. Have a mission-critical VM? Drag up its MIN IOPS so it always has enough access. Have a rogue VM? Drag down its MAX IOPS to set a ceiling on its behavior. Then see the real-time impact.



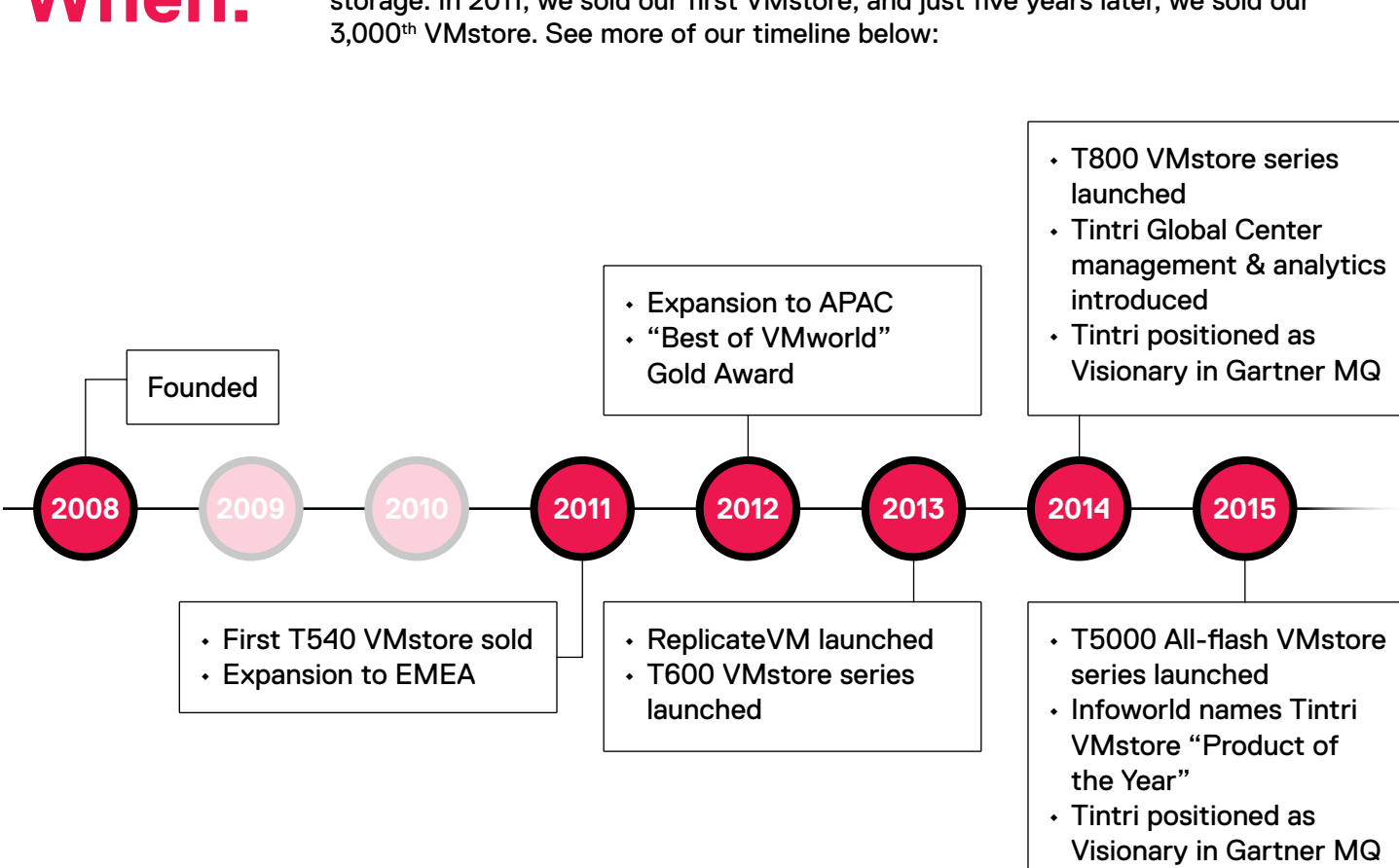
### 3.

Simplify scale-out with automation. Tintri VM Scale-out technology is always at work—crunching one million stats about your VMs every ten minutes. Storage automation uses this data to recommend the best placement of every VM to optimize use of your capacity and performance.



## When.

Tintri was founded in 2008 and worked in stealth to create the first ever VM-aware storage. In 2011, we sold our first VMstore, and just five years later, we sold our 3,000<sup>th</sup> VMstore. See more of our timeline below:



## Who.

Tintri leads the vanguard of VAS. Industry leaders, including 7 of the Fortune 15, trust us with more than 550,000 VMs and 60 PB.



Get in touch with Tintri for more information and get hands-on with VM-aware storage.

[www.tintri.com](http://www.tintri.com) | @Tintri | @Tintri\_EMEA | [info@tintri.com](mailto:info@tintri.com)



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