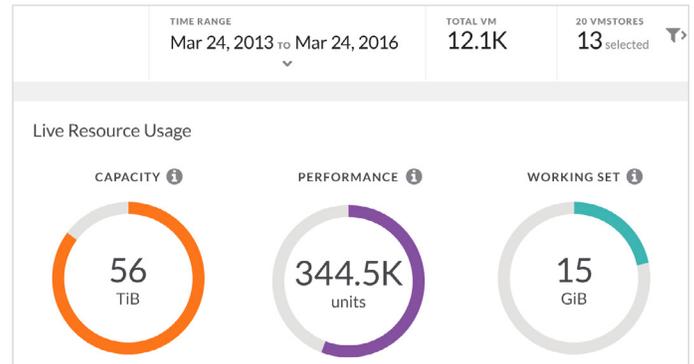


Tintri Analytics

Predict and Model Storage Needs for Capacity and Performance

Is your storage helping you make better business decisions? Can it tell you what your individual virtualized applications need for best performance? Will it help you predict and avoid constraints for either capacity or performance? Tintri Analytics—built on Tintri’s VM-aware storage (VAS) foundation—ensures you always have the information you need to make the right decisions.

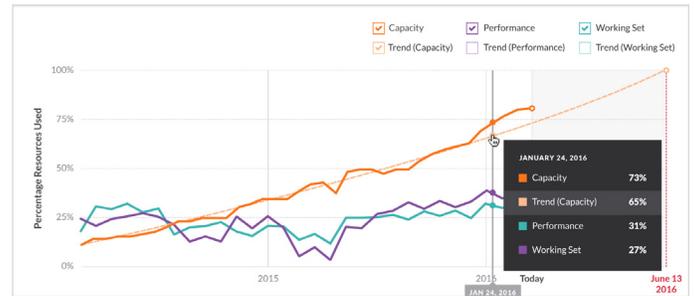
Tintri Analytics is a SaaS offering that provides organizations the ability to model both capacity and performance requirements. It collects up to three years of historical information about your virtualized applications. By mining your rich VM-level metadata, Tintri Analytics provides you with information about your environment so you can make decisions based on the exact behaviors and needs of your virtualized applications. We apply big data technologies like Apache Spark and Elastic Search to crunch numbers from up to 160,000 virtual machines in one second. And that means you can precisely model your capacity, performance and throughput to account for organic growth. You can even establish application profiles—for desktops, SQL servers, databases, etc.—and conduct what-if analysis to understand the consequences of changes to your virtual footprint. Tintri Analytics—make the right decision.



See Storage Utilization across Capacity, Performance and Flash

Planning and Forecasting

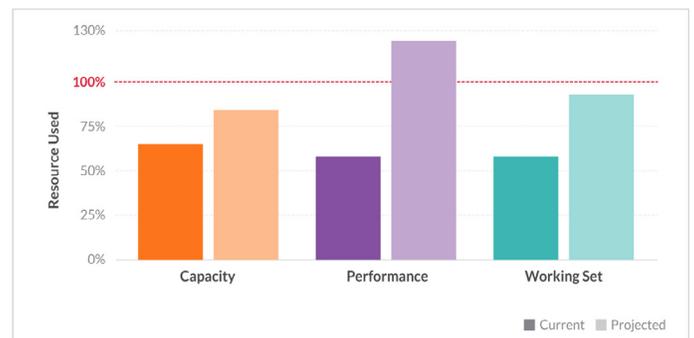
Tintri Analytics ensures organizations stay on top of their changing needs. It predicts your needs for capacity and performance as far as 6 months into the future. You can profile application types and then model how changes in application number or behavior impact your storage footprint. Planning next quarter’s needs won’t take a crystal ball—just a few minutes with Tintri Analytics.



Use 3 Years of Historical Application Data to Precisely Project Needs 6 Months into the Future

Application insights

With Tintri Analytics you can develop application profiles with just few clicks—for example understanding the capacity and performance consumption of all your virtual desktops, SQL servers, Oracle databases or other profiles. You can drill into a profile to see which specific virtual machines are outliers, well below or above average. Now, when you get your next request to add applications, you don’t have to guess or deploy and hope; instead, model the exact impact and make a decision about whether or not you can accommodate the request with complete confidence.



Simulate Future Storage Needs and Understand Precise Storage Requirements

Tintri Analytics reduces the effort required for resource management and planning to a few simple clicks.

You will be able to quickly and completely answer questions like these:

<i>How is my current resource utilization trending?</i>	Look at the dashboard to see current consumption of capacity, performance and working set.
<i>How is my environment growth trending?</i>	Explore trends and project when you will run out of resources— understand whether capacity, performance or throughput is on the critical path.
<i>What resources are my applications consuming? Are there any outliers?</i>	Create application profiles and see resource utilization across different applications. Drill into a specific profile to identify exactly which VMs are outliers and may need special attention.
<i>We are hiring 300 additional employees over the next 2 quarters. What additional resources are required?</i>	Use your VDI application profile to simulate the load of 300 additional VDI seats. Clearly see the impact on capacity, performance and throughput and know in an instant what you'll need to support these additions.

5 Things to know about Tintri Analytics

- Visualize your organic storage growth based on per-VM data with no guesswork required
- Model capacity, flash footprint and performance across specific applications
- Support multiple hypervisors
- Intuitive and responsive UI
- Simulate what-if scenarios to plan future needs of your business

5 Things You Won't Miss about analytics with Legacy Storage

- No approximations based on LUN and Volume level data, its garbage in garbage out
- Limited to just capacity based analysis
- Limited to just VMware vSphere
- Unresponsive UI
- No application level planning. Conventional analytics is just a glorified support tool.



“Our environment is constantly changing, and as a service provider we don’t always know the workload plans of our customers. With Tintri’s predictive analytics, previous guesswork is replaced with total visibility into our VMs. The UI shows me exactly how capacity and performance utilization is trending and allows me to model different scenarios. Now, if a customer wants to add 100 SQL servers, I can tell in less than a minute whether we can handle the increased load with our existing infrastructure or whether we would need to expand to support it. These analytics further enhance our ability to deliver a quality service to our customers.”

Dan Timko, President & CTO

