



ZADARA zSTORAGE MULTI-TENANCY AND QUALITY OF SERVICE

Strengthen your Customer SLAs with zStorage Quality of Service

The increasing demands and velocity of change imposed on service providers and enterprise IT organizations today is unrelenting. Users want to deploy more applications faster, and the resources that support those applications must be more agile and adapt to changing demands. Service providers and Enterprise IT organizations are looking for on demand infrastructure solutions capable of delivering predictably. These solutions must enable them to dramatically raise operational efficiencies, innovate more quickly, and respond to application and business challenges faster than ever.

At the heart of delivering infrastructure-as-a-service, is the concept of multi-tenancy, in which multiple applications or customers use the same infrastructure. However, when many performance-sensitive applications are consolidated onto a single platform, “noisy neighbor” applications cause resource contention, unpredictable application performance, and unhappy customers. So, how to address this?

ZADARA zSTORAGE VIRTUAL PRIVATE STORAGE ARRAYS: A MULTI-TENANT STORAGE ARCHITECTURE

The concept of multi-tenancy has been in Zadara zStorage from the beginning — we took the architecture of cloud computing and applied it to block, file, and object storage, creating a highly scalable, extremely reliable system, where each tenant controls their own storage. In addition, we provide on-demand resource allocation per customer (i.e., CPU, memory, networking and storage drives), eliminating the noisy neighbor problem. And just like in a private environment, each user has access to performance data (for monitoring) and a management console (for control over and tuning of the environment). This approach allows for different amounts of resources to be allocated to different users, depending on their needs.

QoS VALUE AND BENEFITS

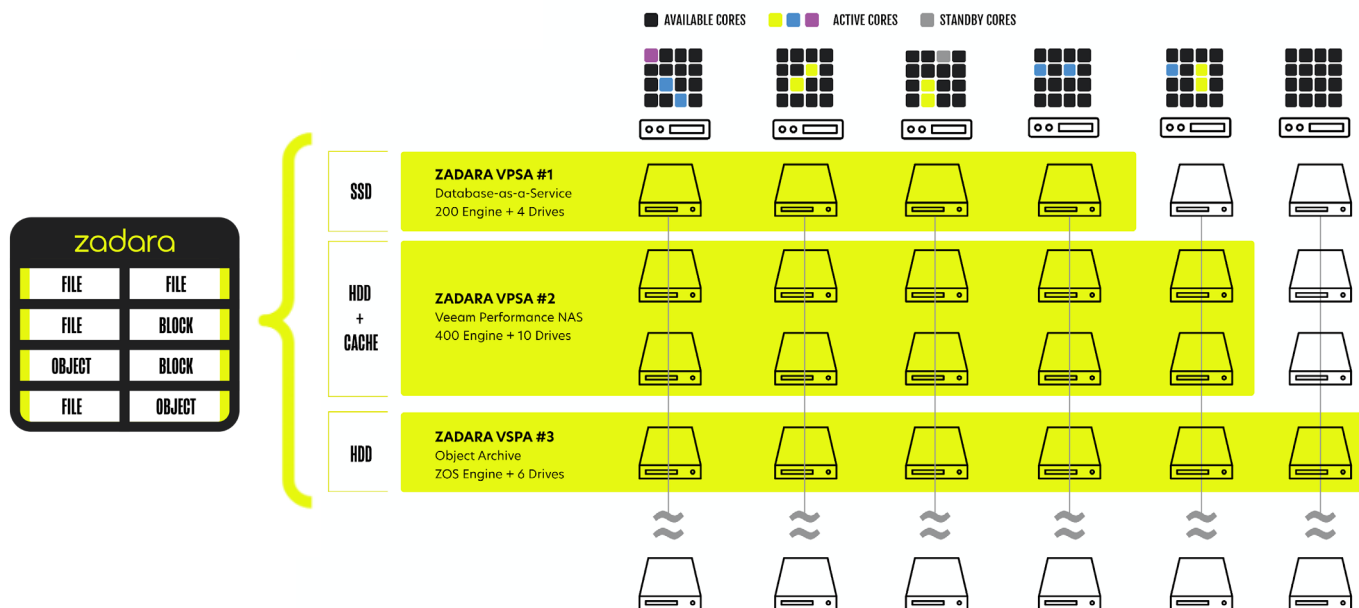
- Prevent any one workload from impacting overall storage performance
- Enable critical applications to achieve desired performance undisturbed
- Eliminate potential for ‘noisy neighbor’ applications

USE CASES

- Cloud Hosting Infrastructures
- DevOps Environments
- Databases

MULTI-TENANT EFFICIENCY IN A SINGLE-TENANT EXPERIENCE

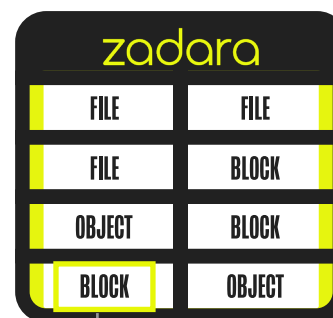
Dedicated CPU, cores, memory, drives, SSD cache. Elastic in all directions.



Zadara zStorage Quality of Service (QoS) builds on this architectural approach and enables Enterprises and Service Providers to serve their internal lines of business (LOBs) and/or customers providing additional means of control and delivery of their SLAs. The ability to set performance thresholds on their zStorage Virtual Private Storage Arrays (VPSA) based storage volumes allows them to control the allocation of performance so that the system delivers consistent performance to all workloads.

Quality of Service (QoS) enables unprecedented control over performance in large-scale multitenant environments. By setting the QoS levels on the volumes in a multitenant environment, customers can solidify their performance SLAs.

VIRTUAL PRIVATE STORAGE ARRAY (VPSA)



ELIMINATE TECHNICAL, OPERATIONAL, AND FINANCIAL RISK.

Zadara eliminates the technical, operational, and financial risks associated with enterprise storage, by delivering industry-leading enterprise block, file and object storage as a fully-managed service, flexibility for performance optimized SSDs or cost optimized hard disk drives with 24/7 proactive monitoring and support, backed by a 100%-uptime guarantee, and wrapped in a pay-only-for- what-you-use model.

TRANSFORM YOUR BUSINESS WITH ZERO-RISK ENTERPRISE STORAGE.

Zadara transforms storage-related costs from a variable mix of equipment and management expenses to a predictable, on-demand, pay-per-use, elastic service that greatly simplifies planning, streamlines budgeting, and improves return on investment (ROI). Find out how zero-risk enterprise storage can help you transform your business. Call or email today.

The logo for Zadara, featuring the word "zadara" in a lowercase, bold, yellow sans-serif font.

Zadara is enterprise storage made easy.
Any data type. Any protocol. Any location.

Contact us at:

www.zadara.com

info@zadara.com