SOLUTION BRIEF

Evergreen//One Adaptive Tier

Get the right blend of throughput and scale for Tier-2 workloads.

The Evergreen//One™ Adaptive Service from Pure Storage® is the next-generation STaaS offering for Tier-2 workloads—those that fall between high-performance and archival needs. It is purpose-built for high-throughput, latency-tolerant applications.

Designed for the Middle Ground

Evergreen//One tiers thus far have been designed for high-performance or deep-archive workloads, without an offering tailored for more moderate performance needs. Adaptive Service addresses this whitespace by providing the right blend of throughput and scale for workloads that are not latency-critical but still require predictable performance. It also provides the same kind of cost efficiency tiering solutions do, but doesn't rely on data movement or storage class management—performance is guaranteed via SLA and managed through software intelligence.
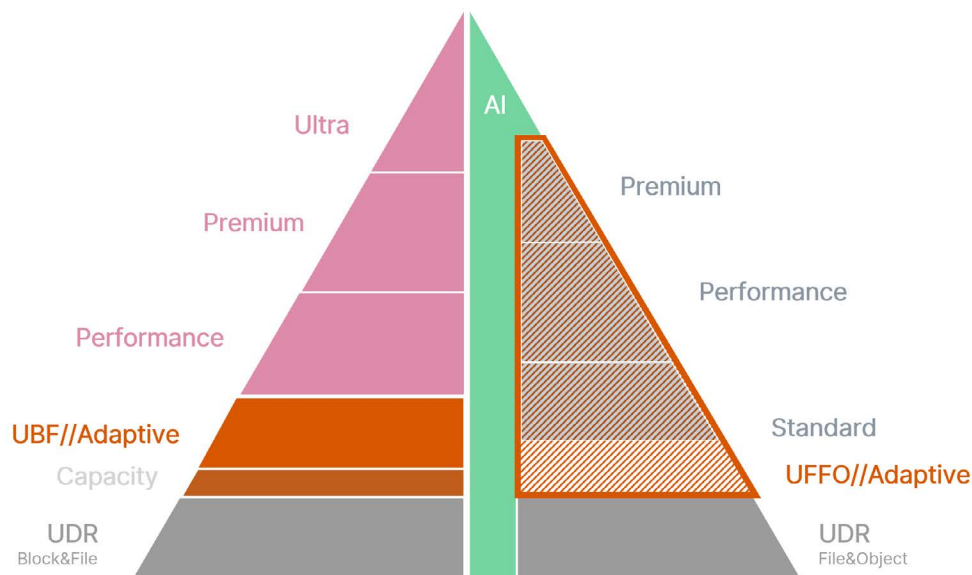

FIGURE 1 Evergreen//One service tiers

Key Benefits

- Independent scaling of performance and capacity

- Predictable pricing and guaranteed throughput

- Simpler alternative to traditional tiering

Use Cases

- Backup, test/dev, analytics, media archives

- Customers migrating from UBF//Capacity or UDR

- Environments seeking fine-tuned control without complexity

Service Summary

- Min. Capacity: 100TiB

- Min. Performance: 1–5GB/s

- 12-month subscription

- Powered by FlashArray™ and FlashBlade® platforms

How Adaptive Tier Works

Adaptive Tier decouples performance and capacity, making it easy to match services to real-world workload needs. Provisioned performance and reserved capacity scale independently, offering flexibility without overprovisioning.

Optimized for Secondary Workloads

Adaptive Tier is ideal for secondary workloads like:

- Backup and restore
- Analytics datasets with predictable access
- Test and development
- Video/media and file repositories
- Cold data with intermittent bursts

How It Compares

Compared to UBF//Capacity or UDR tiers, Adaptive Tier offers 20–30% premium pricing, justified by precision sizing and flexibility. It is also a strategic evolution—UBF//Adaptive can be a better fit UBF//Capacity for most Tier-2 workloads, eliminating overlap and confusion. Adaptive Tier is also built on modern platforms like FlashArray//C™ and FlashBlade//S™, using software-defined performance to fine-tune delivery.

Simple, Transparent Pricing

With Adaptive Tier, pricing is simple, with:

- Two pricing levers with Capacity Reserved and Performance SLA
- Flat-rate pricing for performance, regardless of capacity
- Scalable with 12-month terms
- Reductions allowed at renewal, upgrades anytime

Integrated across Evergreen//One

Adaptive works seamlessly with the broader Evergreen//One portfolio. Whether deployed as UBF//Adaptive or UFFO//Adaptive, customers benefit from:

- **Evergreen® economics**: Non-disruptive upgrades and modular expansion
- **Pure1® visibility**: Predictive insights, performance modeling, and AI-powered management
- **Unified experience**: Deploy across block, file, or object workloads with shared principles

Adaptive Tier features include:

- **Reserved capacity**: Starts at 100TiB; scales in 1TiB increments. Volume discounts apply at higher thresholds.
- **Provisioned performance**: Starts at 5GB/s (UFFO) or 1GB/s (UBF); scalable in 1GB/s increments.
- **Performance SLA:** Guaranteed throughput (e.g., 70/30 R/W ratio at 16k IO), independently priced.
- **On-demand buffer**: Access burst capacity as needed via the Evergreen//One Buffer Capacity SLA.

Additional Resources

- Read the Evergreen//One Solution Brief