Accelerating the Future of Enterprise Storage

Today, Infinidat announced the newest models to the InfiniBox® family of rack scale solutions - the InfiniBox™ SSA G4 and the InfiniBox G4. The G4 consists of new controller node technology that creates a new, exciting and industry leading foundation of technology. Like all our solutions, the power of having a software defined storage (SDS) operating system, InfuzeOS™, gives us the ability to adapt underlying technology without compromising interoperability or feature support. All of our guaranteed SLA's around performance, 100% availability, and unparalleled cyber resilience and cyber recovery are included! Being the standard in enterprise storage means ALWAYS delivering on a consistent and dependable set of technology that enhances the technical and business values of our customers without being burdened with the worry of starting from scratch.

InfiniBox SSA G4 and InfiniBox G4 controllers are now built on the AMD EPYC server architecture, utilizing a single socket 64 core CPU along with PCIe 5 bus infrastructure. That means a benefit to performance as well. Performance is up 2X from our gen 3 platform. Latency continues to be the unmatched leader in performance with latency as low as 35 microseconds! It is not all about the numbers. It is about the capability and what the underlying technology means from a business value perspective. We can talk performance specs untill we are blue in the face, but if that doesn't translate to what helps drive business outcomes and save businesses money, then why bother, right? RIGHT!

Ryan Walker, CIO of Net3, a leading cloud service provider (CSP), commented,

"With the launch of the new InfiniBox G4 systems, all the new software capabilities, and the supercharged InfiniVerse platform for infrastructure consumption services, Infinidat is delivering game changing enterprise solutions. Infinidat is a visionary company that brings to market strong, innovative solutions that push the boundaries of enterprise storage, while never compromising on its foundational 100% availability, lower CAPEX and OPEX, cyber storage resilience and recovery, and ease of use. Infinidat is reinforcing the things that create real business and technical value and providing attractive options to define the future: high performance with the G4 solution, cyber resilience with InfiniSafe ACP, hybrid multi-cloud support, and expanded flexibility with the InfiniVerse platform."

We have tremendous business value in our existing solutions, and we have backed that up as the first to offer SLA-based guarantees for years now, and that continues with the G4 family. As always, many of our innovations are driven directly by the needs of our customers. We have proven and published blogs, studies, and customer testimonials around the power of Infinidat's InfiniBox and InfiniBox SSA family, which are available on our [website](#), or can be seen in our Gartner Peer Insights reviews, where we have achieved the Customers' Choice six times. Today, customers want more powerful capabilities that utilize less power and smaller footprints - yes, even at the deep core of the enterprise and their most important workloads. With our new controller architecture, we deliver on that! We have 31% more CPU capability and a 20% power reduction on a per core basis. While we are known for delivering large rack scale solutions, we have expanded our solutions with our new F1400T InfiniBox SSA G4 family with 14RU form factor that fits into a customer's industry standard racks. The F1400T family will scale up to 3PB of effective storage capacity. A smaller footprint doesn't mean less capability; it is an ENTERPRISE INFINIBOX SSA through and through - same low latency performance, availability, and cyber resilience with all the same guarantees.
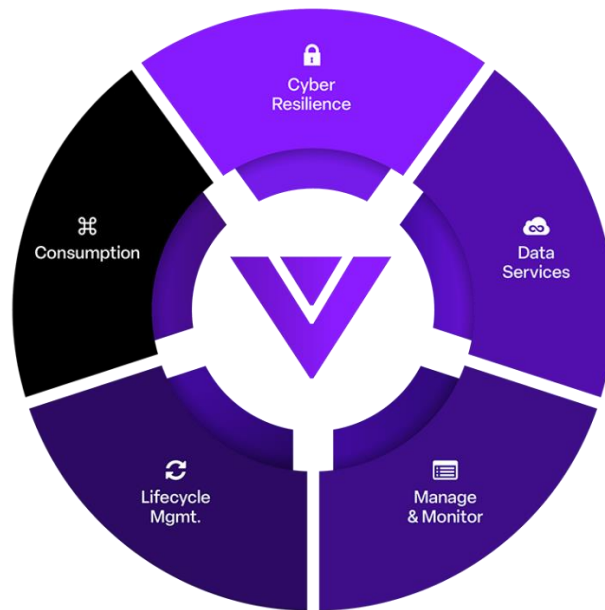
All of our InfiniBox SSA G4 full rack scale solutions are also available in partially populated models, starting at 60% and able to scale up to 100% capacity. The InfiniBox G4, our hybrid offering, offers a new capacity point with the F4420, which will provide up to 8.5PB of effective storage. To round all this out, we are also announcing the InfiniVerse Mobius program. Mobius, to me, has a simple meaning and understanding that I remember from the 2nd grade! A continuous loop, and our Mobius program provides a controller-based upgrade program for the InfiniBox G4 family to assure that customers have the most flexible, non-disruptive upgrade options with their InfiniBox SSA G4 and InfiniBox G4 investments.

One of the many industry analysts who have been very positive about our G4 launch is Rob Strechay, Managing Director & Principal Analyst at theCUBE Research. After evaluating our new solutions, Rob concluded,

"With a large installed base of InfiniBox of sophisticated enterprise users, the new InfiniBox G4 should delight. Infinidat has shown us the performance numbers, and they are blazing fast. The flexibility of the different options and features built into InfuzeOS benefits customers, and I'm delighted to see the introduction of the controller upgrade program – InfiniVerse Mobius. Infinidat's InfiniBox G4 should be a powerful contender in the all-flash storage segment of the industry, and it's perfect for storage consolidation or an enterprise refresh."

With all the benefits we have provided and proven over time, we continue to extend our powerful capabilities, especially in workload consolidation. Consolidation is one of the best and most proven ways to have a GREENER data center, while reducing power consumption and data center floor space constraints, but it goes further than that. It makes staff more efficient, as well as with our outstanding service-oriented autonomous operations, helping with the IT skills gap. When they consolidate workloads, they are not worrying about

associated performance and availability. As a matter of fact, many customers have taken many workloads that were sprawled over many mid-tier arrays and now have a full enterprise performance and availability that mid-tier storage today just cannot provide.

With the exciting announcement of the InfiniBox SSA G4 and InfiniBox G4, we are also announcing new capabilities for InfiniSafe, with VMware support for InfiniSafe Cyber Detection, InfiniSafe Automated Cyber Protection, for highly automated pro-active protection response, and InfuzeOS for Azure, expanding our capabilities to a true hybrid multi-cloud experience. And last but not least, InfiniVerse is expanding to bring new insight, capabilities and automations that will further simplify ITOps as our official platform.