Be a Cyber Resilience Superhero

InfiniSafe Demo Webinar

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InfiniSafe on InfiniGuard: Near Instantaneous Recovery Demo

**Easy and Fast**
- ONLY 1 InfiniGuard needed - No data movement required
- Reduced CAPEX and OPEX
- Simplifies entire forensic and recovery process
- Simple mount to the standby DDE taking only minutes
- Rapid accessibility to entire backup dataset – up to PBs
- No capacity size penalties
- DDE operating environment is protected and available

1. [Image: Diagram 1]
2. [Image: Diagram 2]
3. [Image: Diagram 3]
4. [Image: Diagram 4]
5. [Image: Diagram 5]
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**Can we beat the last record today? Place your bets after the count down!**

**RULES:** Please enter your precise guess to the 1/100th of a second (eg 18:33.13) in the public chat. You can start as soon as we have finished counting down. The 2 quickest, most accurate answers win a Black Panther Lego Build & Display Model!

**3...2...1... GO!**
Broad Enterprise Portfolio

**InFuzeOS SDS Architecture**
1 architecture - many possibilities

**Guaranteed Performance**
from AIOps inside and outside the array

**Multi-Petabyte Scalability**

**InfiniBox**

**Primary Storage**

**100% Availability**
guaranteed

**Set it and Forget it**
IT Operations
simple to install and manage

**InfiniSafe**
Guaranteed Cyber storage resilience

**InfiniGuard**

**Secondary Storage**

**Lowest Cost & TCO**

- Cyber Attack
- Ransomware Defense
- Business Apps (SAP, Oracle, …)
- Mission Critical Apps
- HPC
- AI / ML
- VDI
- Data Warehouses
- Analytics
- Cyber Attack
- Ransomware Defense
- AI / ML
- Virtualization
- Backup
- Long-Term Retention (LTR)
- Archive
- Disaster / Rapid Recovery

**Performance-critical apps**

**Containers**

- Cyber Attack
- Ransomware Defense

**Office Apps**
(Exchange, File Servers, …)

- Cyber Attack
- Ransomware Defense

- Analytics

- Data Warehouses
Broad Enterprise Portfolio

$167,000 Average Annual Benefit per PB
51% more efficient storage management

$41,600 OPEX reduction per PB
11 months ROI

IDC Business Value of InfiniBox/InfiniBox SSA, Jan 2023
Exploding Cyber Risks

- **$8 Trillion Annual Cost** of cyber crime by end of 2023
- **Cyber Security** the #2 concern of Enterprise CEOs (IDC Global CEO Survey, Feb 2023)
- US Federal Government Releases the “National Cybersecurity Strategy” (Mar 2023)
- Large enterprises average **1,168 cyberattacks per week**
- **2022 cyberattacks reach an all-time high**
- In 2022 cyberattacks increased **38% YtY**
- **60% of businesses will pay the ransom!**
- **48% of CEOs** are increasing investment in cyber security 2023
- Ransomware attacks will happen every **2 seconds by 2031**
- **USA LAW:** “Cyber Incident Reporting Act” requires reporting cyberattacks (Mar 2022)
InfiniSafe for InfiniBox and InfiniGuard

Comprehensive cyber storage resilience at no additional cost

1. IMMUTABLE SNAPSHOTS
   Scheduled or manually created unchangeable, secure, immutable point-in-time copies

2. LOGICAL AIR-GAPPING
   Logically separates immutable data copies from network access, either locally or remotely or both

3. FENCED FORENSIC ENVIRONMENT
   Isolated environment for validation, testing, and recovery

4. NEAR INSTANTANEOUS RECOVERY
   Execution of the plan
Cyber Resilient Storage enabled by InfiniSafe

InfiniSafe Cyber Storage Resilience Guarantees
- Guaranteed immutability of InfiniSafe immutable snapshots
- Recovery time guarantee of those immutable snapshots
  - Less than 20 minutes for InfiniGuard
  - Less than 1 minute for InfiniBox SSA II and InfiniBox
  - Regardless of immutable snapshot size

InfiniSafe Cyber Storage Resilience
- Immutable Snapshots
- Logical air-gapped protection
- Fenced forensic environment
- Near-instantaneous recovery of any size backup repository
Infinidat Guarantees It!!!!!

- **InfiniSafe Cyber Storage Guarantee**
  - First primary storage platform cyber storage guarantee
  - Guaranteeing immutability of our InfiniSafe immutable snapshots
  - Guaranteeing near instantaneous recovery of an InfiniSafe immutable snapshot:
    - 1 minute or less with InfiniBox/InfiniBox SSA II
    - 20 minutes or less with InfiniGuard

- **100% Availability Guarantee**
  - InfiniBox/InfiniBox SSA II

- **Performance Guarantee**
  - InfiniBox/InfiniBox SSA II - Based upon your actual real-world applications
Powerful Backup Repository – *Integrated with Applications*

“With their new performance and cyber storage recovery guarantees, Infinidat is breaking new ground in these areas in ways that drive meaningful value for their enterprise customers.” – Vice President IDC

“Teradata Oracle backup has been taking over 2 days to run, and now they run in under 8 hours to InfiniBox” – Large Food Distributor
InfiniGuard’s InfiniSafe Immutability

- Protection of entire backup storage via Infinidat immutable snaps
- Granular recovery and separately managed policy for each DDE
- Enable CyberRecovery or discovery tests in a standby environment*
- Synchronized protection of the Backup Servers’ Catalog(s) and Information**
**InfiniSafe on InfiniGuard – Logical Remote Air-Gap**

- Backup & Replicate using dedupe aware native replication
- Allows longer data retention in remote site
- Cyber resilience tests and validations can occur in both sites
- Create immutable snapshots in either or both locations
- Validate, test and recover from the Isolated Environment using the standby DDE
InfiniSafe – Fenced Isolated Forensic Network

- Separate/private from General Networks
- Preconfigured Network for Stand-By Node
- Mount Snapshot, Pause Replications, Modify Share Access, Mount Share to Servers (Import / Scan / Data & Test)
- Download logs for review and analysis

10.10.X.X
Fenced/Isolated Test Environment

Private Switch
10/25GbE

10.10.X.X

DDE A
Switch A

DDE B
Switch B

Stand-By Node

Test VM Cluster
Test Oracle Servers
Test Backup Servers
**InfiniSafe on InfiniBox – Near Instantaneous Recovery**

**Easy and Fast**

- ONLY 1 InfiniBox needed, but can replicate for added resilience
- Reduced CAPEX and OPEX
- Any snap mountable in a fenced forensic environment
- Near instantaneous recovery – guaranteed in under 1 minute
- Thin provisioned and space efficient by design
- Detailed guides for UI/CLI as well as Ansible playbooks for automation
The Business Value of InfiniBox

Key Findings:

- 11 months ROI
- $167K avg annual benefits per PB
- 51% more efficient overall storage management
- $93.8K avg annual value of increased end-user productivity
- 49% more usable PB
- 48% lower cost of total operations
- 162% 5-year ROI
- 89% fewer hours of lost productivity per year due to unplanned downtime
- $41.6K OPEX reduction per PB

Business Value of Infinidat InfiniBox

- 162% 5-year ROI
- 48% reduced total cost of operations over 5 years
- 11 months to payback on investment

Storage Benefits

- Total Cost of Operations per Petabyte over 5 years
- 49% more usable PB
- $41.6K OPEX reduction per PB
- 89% fewer hours of lost productivity per year due to unplanned downtime

Staff Efficiencies Benefits

- 51% more efficient overall storage management teams
- $93.8K average annual value of increased end-user productivity
- $167.0K average annual benefits per PB productivity
Industry Acclaim: 2023

- Storage Product of the Year: InfiniBox™ SSA II “Gold Winner” for “Best Enterprise Storage Arrays”
- Storage Product of the Year: InfiniGuard® “Gold Winner” for “Top Backup and Disaster Recovery Services”
- A Leader and an Outperformer in GigaOMs’ Radar for primary storage for large enterprises
- Mitch Diodato Named a 2023 CRN Channel Chiefs
- 5-Star Rating in CRN® Partner Program Guide for the Second Consecutive Year
- InfiniBox Family – One of Top 5 High-end Storage Arrays in the World
- One of the 2023 Power 500 software companies
The End Users Have Spoken

InfiniBox Reviews
by Infinidat in Primary Storage
4.9 ★★★★★ 444 Ratings

InfiniBox SSA Reviews
by Infinidat in Primary Storage
5.0 ★★★★★ 9 Ratings

InfiniGuard Reviews
by Infinidat in Data Center - Others
4.9 ★★★★★ 17 Ratings

As of Apr 3, 2023
The End Users Have Spoken
Congratulations to Today’s Prize Winners!

👏 If your name has been called, you can enter your shipping address in a private chat Christie now or we will reach out to you via email to arrange delivery! 👏
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Infinidat is here to save you money and headaches at work while giving you back precious free time to spend with your loved ones!
To Find Out More

- Infinidat Products & Technologies
- Guaranteed Service-Level Agreements
- Shielding Backup Data with InfiniSafe®
- GigaOm Recognizes Infinidat as the Industry Leader in Ransomware Protection for Block Storage

Contact Us

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Infinitat Drives Dramatic Storage Infrastructure Savings

162% 5-year ROI
48% Reduced OPEX
51% More efficient storage management
11 Month Payback in 11 months

Under Pressure:
The Business Case for Better Enterprise Storage
May 10, 2023
REGISTER NOW

May 10 at 2pm CET
May 10 at 1pm ET/10am PT

Infinidat InfiniBox® Storage:
Business Value in the Digital Era
On-demand

REGISTER HERE:
Thank you

Be a Cyber Resilience Superhero at Work and at Home