Data resilience with IBM FlashSystem and IBM SAN Volume Controller

Minimize the impact of cyberattacks, disasters and failures with a multi-layered approach to data protection.

Address cyber threats with Safeguarded Copy
- Immutable, isolated copies acting as logical air gap
- Separate privileges for admins of production data and Safeguarded Copies
- Early threat detection with activity, patterns and operations monitoring
- Quick recovery to minimize impact

Secure data with hardware and software encryption
- Tamper-resistant FlashCore® Module hardware encryption with no performance impact: FIPS 140-2 level 2
- Consistent system-wide software encryption
- Enterprise key management

Support disaster recovery with multi-site replication
- Metro distance with zero data loss
- Global distance with sub-second recovery
- Replication from seconds to hours*

Ensure high availability and immediate failover
- Six 9's availability included in every system
- 100% data availability guarantee**
- Automated response and rebuild with IBM HyperSwap*
- Zero data loss, zero workload disruption

IBM FlashSystem® and IBM SAN Volume Controller easily extend this broad spectrum of data resilience services to your entire storage infrastructure with support for over 500 IBM and non-IBM storage systems.

Visit our solutions pages to learn more about data resilience and other advanced services in IBM FlashSystem and SAN Volume Controller, or fill out this form to schedule a consult with our storage experts.

* Depending on workload and bandwidth requirement
** Optional 100% data availability guarantee with HyperSwap when configured by IBM Lab Services