

# IBM FlashSystem 5300 for Operational Resilience

A simplified approach to recovery from data breaches based on protection, detection and rapid recovery.

In today's digital landscape, cyber threats are a constant concern for businesses of all sizes. However, smaller companies are particularly vulnerable to the devastating effects of a cyber attack. Threat actors know, and purposely target smaller companies because they commonly contend with limited resources, lack of expertise in managing cyber risks, and often have an increased attack surface when relying on third-party vendors, cloud services, and connected devices.

According to Cybercrime Magazine, 60% of small companies close within six months of experiencing a cyber attack.

Achieving an optimal state of Operational Resilience, where rapid recoveries from verified points of restore, to return the business to a viable state following an attack is not difficult. IBM FlashSystem addresses these needs with capabilities, capacities, and prices no other vendor can match.

## What's in the box?

### 1. IBM FlashSystem 5300

The highly cost-effective 1U array is a compact, block-based, high-performance, and resilient storage system, capable of scaling up to 1PB. Its small footprint allows for easy placement in various environments. Built with IBM's unique FlashCore Module, IBM's computational storage, smaller companies experience the same computational storage technologies that drives the world's largest enterprises.

### 2. IBM Storage Insights Pro

A SaaS-based AI Operations service that allows you to analyse, protect and optimize your storage infrastructure with:

- Inline threat detection and alerting
- System performance analysis and recommendations
- Application analysis and workload placement
- AI driven advisories

### 3. Additional System Cache

The memory needed to provide the best possible operational resilience experience without sacrificing performance.



This bundle is designed to address the operational resilience requirements that companies (of any size) have in protecting against and rapidly respond to disruptions. IBM is excited to bring these capabilities to you.

## How Operational Resilience is achieved

### 1. By protecting

Mitigate the effects from an intrusion by providing known recovery points based on immutable copies of data that are intelligently separated from production environments. These copies are safeguarded and cannot be modified or deleted by anyone, and only accessible by authorized administrators.

### 2. By detecting

IBM FlashSystem offers new smart technology enabled by FlashCore Module and designed to continuously monitor statistics gathered from every single I/O. FlashSystem and Storage Insights Pro use machine learning models to detect anomalies like ransomware in less than a minute. Ensuring your business is protected before a cyber-attack.

### 3. By recovering

Minimizing downtime after a ransomware attack occurs, by providing the lowest possible Recovery Time Objective to bring your minimum viable company back online in as little as 60 seconds or less. Additionally, the IBM FlashSystem ensures original performance by returning the application to the most efficiently optimized FlashSystem platform capable of delivering the performance characteristics required by your applications and hosts.

To learn more about the IBM FlashSystem and its industry leading operational resilience capabilities and features, visit [www.ibm.com/flashsystem](http://www.ibm.com/flashsystem) today.

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