

I-Sys Solutions Catalog

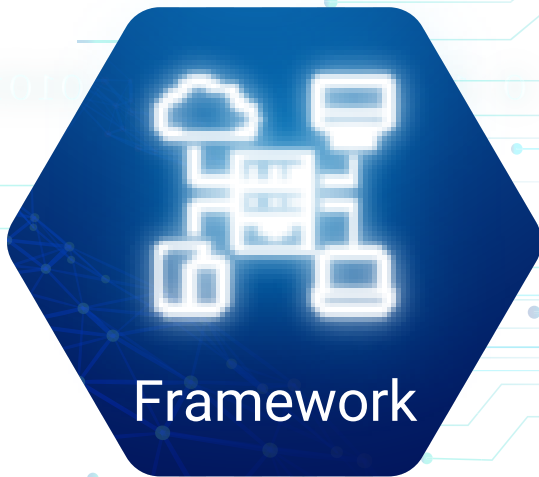


Stand Out as An Industry Leader ... Become AI-Driven Decision Maker

Reliable Framework for Future Optimized Decisions



SYSTEMS INFRASTRUCTURE



DATA MANAGEMENT



ANALYTICS AI

Systems Infrastructure

Best Practices To Deliver Accelerated Performance, Optimized Storage Efficiency, With Scalability And Flexibility.

We Implement, Configure, Support and Upgrade

Specialists knows that IT Infrastructure is the base layer for any business engaged to IT world which needed to be stable and efficient to serve all business needs from Entry to Enterprise scale.

Storage-Infra is the core of IT Infrastructure.

Being I-Sys, we provide our Raving-Fan customers intelligent solutions to help them work faster, more efficiently, and more securely, ultimately saving them time and money.



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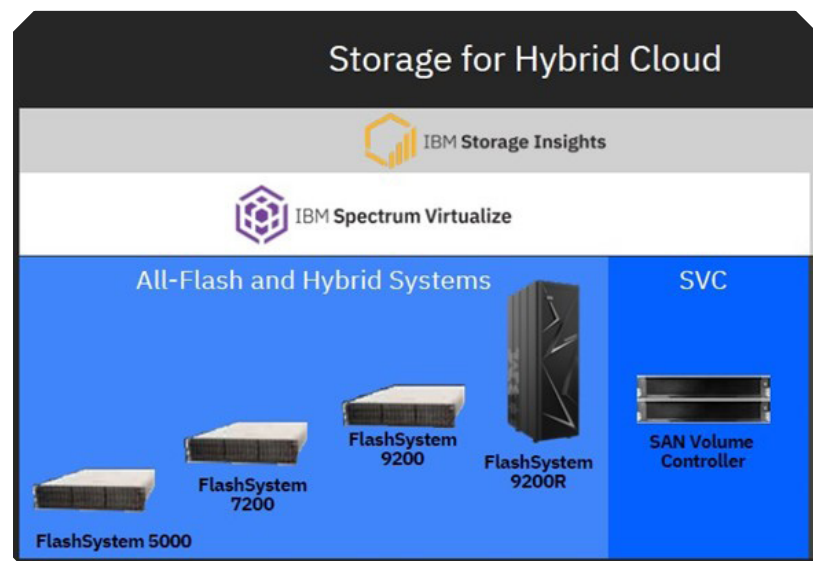
Storage for High Performance and Hybrid Cloud

Challenges

Industry leaders are frustrated, trying to more easily manage storage and be ready for new workloads. Solutions need to have flash innovation, AI-infused management and data mobility on-premises and in the cloud

Offerings

- IBM FlashSystem family
- IBM SAN Volume Controller
- IBM Storage Insights
- IBM Spectrum Control
- IBM Spectrum Virtualize for Public Cloud



Benefits

- Very high Performance and low data accessibility time in microseconds.
- Agility : Move data without disruption among heterogeneous storage systems and between on-premises and cloud environments regardless of vendor or provider having the right data or hardware
- Bridge: Bring value to your legacy infrastructure, adapting to the shifts in technology from UNIX, Microsoft Windows or VMware to Linux, Red Hat OpenShift, Kubernetes and containerized environments
- Cloud: Deploy software capabilities and their application programming interfaces (APIs) across traditional and hybrid cloud environments
- Data reduction: Save on infrastructure costs by extending data reduction techniques across all your existing storage hardware to help store more data
- Encryption: Improve cyber resiliency by encrypting data at rest across all storage to help minimize the financial impact of cyber threats

Storage for Big Data and AI

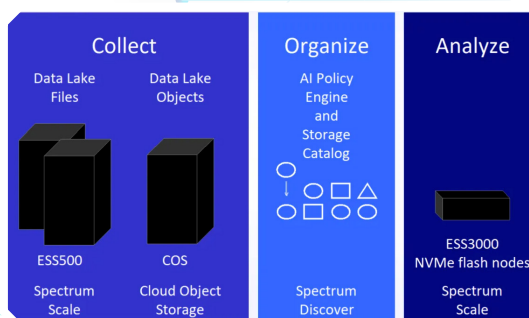
Challenges

Data is the fuel for AI, and AI cannot exist without an information architecture, or IA. The best AI is built on a foundation of data that's collected and organized as carefully as it's analyzed, and finally infused into the business. Organizations are challenged with:

- › Gaining insights from their data.
- › Data silos make it difficult to access a holistic view of all your information, limiting the value of AI.
- › Current infrastructure that wasn't built for AI isn't flexible enough to respond to new demands without adding complexity.
- › Storage cost become high with huge amounts.
- › How to optimize high data accessibility response time and Optimize long term data cost.

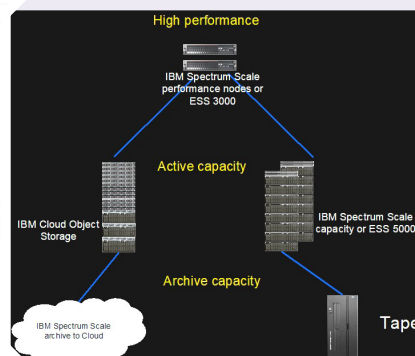
Offerings

- IBM Spectrum Scale.
- IBM Elastic Storage System 3000
- IBM Elastic Storage System 5000
- IBM Cloud Object Storage.
- IBM Spectrum Discover.
- IBM Spectrum Archive for long term data retention on Tapes.



Benefits

- Unify data in a single global namespace
- Faster time to insights
- Accurate insights and analytics
- Employ a consolidated interface to more precisely manage data insights
- Increased efficiency and performance
- Experience full use of graphics processing units (GPUs) with high throughput Optimized solutions for the AI journey
- Provide storage solutions optimized for different stages of the AI journey Scalable AI infrastructure
- Leverage the ability to start small and scale with virtually no limits
- Enhanced data flow efficiency.
- Reduce costs with built-in data life cycle management and policy-based optimization.
- Simplify data access Containerized for fast and easy deployment with container-native storag.

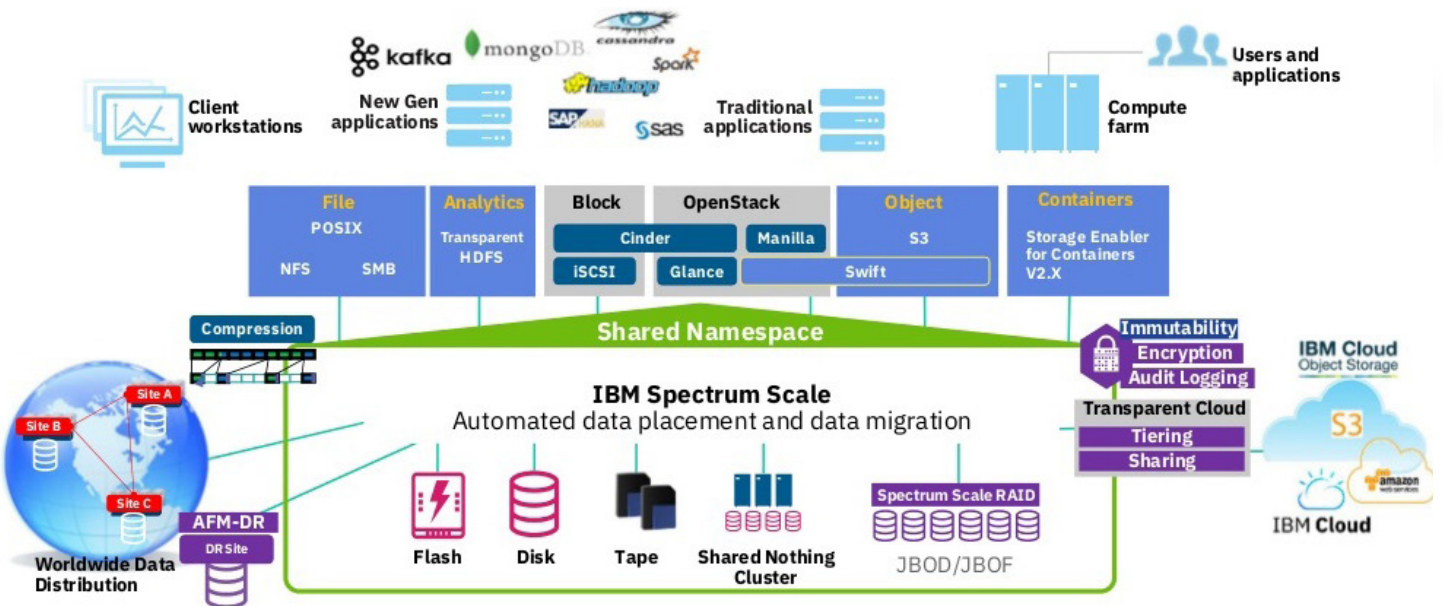
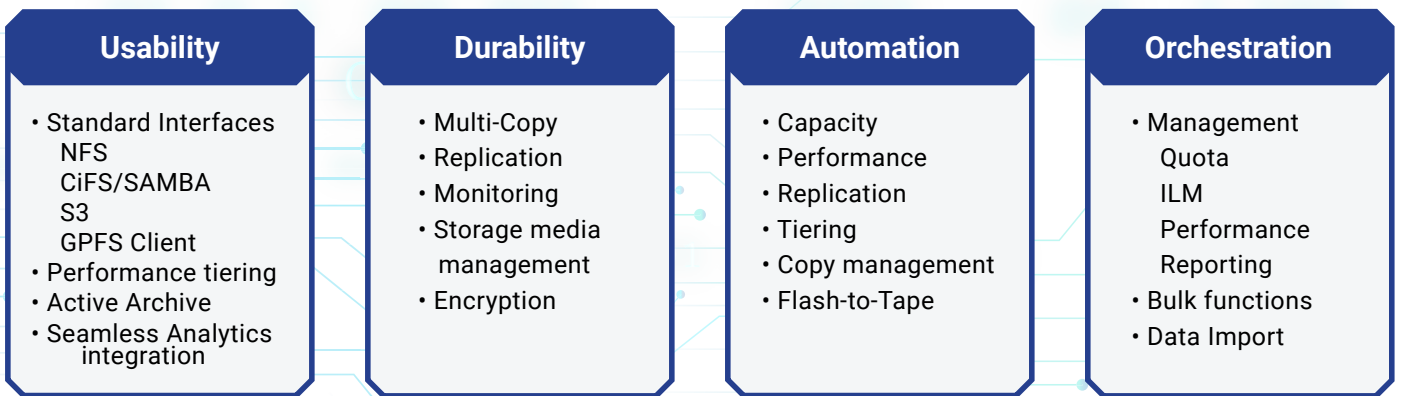


IBM Spectrum Active Converged Solution

What is driving storage?

- Reducing Costs
- Resilient Data
- Hybrid Cloud
- Convergence Reducing Complexity

Why IBM Converged Archive Solution?



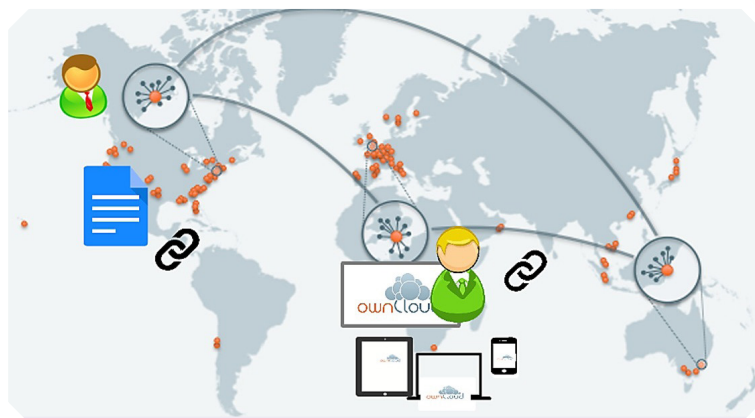
Content Collaboration for Enterprises

Challenges

Most of Organizations today need to have a solution for enterprise collaboration and sharing contents in a secure way between different organization users and external guests. while at the same time aiming to save money, reduce storage costs, reduce operational and labor costs.

Organizations are challenged with:

- Secure the data transfer and store.
- Secure share with external guests.
- On-Premises Solution or Hybrid.
- Share files larger than >10GB.
- Full control on user data.
- Access control list.
- PCI Compliance.
- Access form different methods (Desktop, Mobile, https).
- Auto sync between all access methods.



Offerings

We are offering OwnCloud Solution

- On-Premise or Hybrid.
- SW only or a fully Solution with Storage appliance.



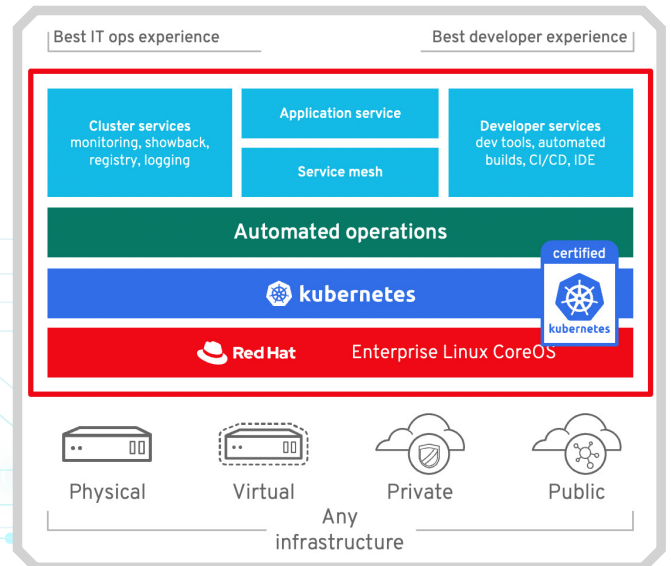
Benefits

- 100% on premise Store data securely in your data center and access it from anywhere.
- Sharing of files in your team and with Guest Users of unlimited size.
- Open source for the highest level of security
- Permissions and logfile access for Audit Compliance, Security and compliance with (GDPR; BSI,FINRA)
- provide easy-to-use end-to-end-encryption.
- Uses Storage Encryption, Multi-Factor- Authentication, a File Firewall, Antivirus Scans and Ransomware Protection to keep data safe on your premises
- Work on documents together, simultaneously.
- Robust Apps for Windows, macOS, Linux, iOS and Android fit the needs and preferences of the staff
- ownCloud includes a fully featured Web App
- Full branding capabilities.
- Fully integration with AD.

Containers are highly efficient vehicles for developing and deploying apps. As container usage ramps up, the complexity of managing containers across the totality of your IT infrastructure rises exponentially – making a container management platform essential at the enterprise level.

While containers can be thought of as a next-generation approach to virtualization, they share one downside with virtual machines: container sprawl (rather than VM sprawl). Given that containers can be deployed in far higher numbers than virtual machines, managing provisioning, deployment, tracking, and repairs of multiple containers across your IT architecture can be extremely challenging.

Container platforms help you deal with this challenge by enabling you to efficiently provision, test, deploy, scale, and run your containers across multiple hosts and operating environments, perform automatic health checks, and ensure high availability in expected workloads.



Why Red Hat OpenShift.

- Red Hat OpenShift is a leading hybrid cloud, enterprise Kubernetes application platform, trusted by 1000+ organizations. It brings the benefits of container and cloud native features to any platform:
- **Developer**, Application and Cluster Services - OpenShift has been a Platform-as-a-Service, meaning that its goal is to make developer's daily life easier, allowing them to focus on delivering code. Application and Cluster Services like dashboards, monitoring, service meshes, etc. are built in or you can bring your own.
- **Automated Operations** - Automated installation and day-2 Operations are OpenShift key features that make it easier to administrate, upgrade, and provide a first-class container platform. OpenShift also includes an extremely rich ecosystem of operators based solutions, developed by Red Hat and by 3rd party partners.
- **Kubernetes** - Red Hat OpenShift includes hundreds of fixes to defect, security, and performance issues for upstream Kubernetes in every release. It is tested with dozens of technologies and is a robust tightly-integrated platform. Certified to always expose all the APIs and features of native Kubernetes and includes software-defined networking, storage and third-party plug-ins for every release.
- **RHEL/CoreOS** - Normalises across all infrastructure elements within Private and Public clouds. Built on pervasive Red Hat Linux, slimmed down, immutable and optimised to run secure containers and to stay current with the high cadence of cloud-native change.

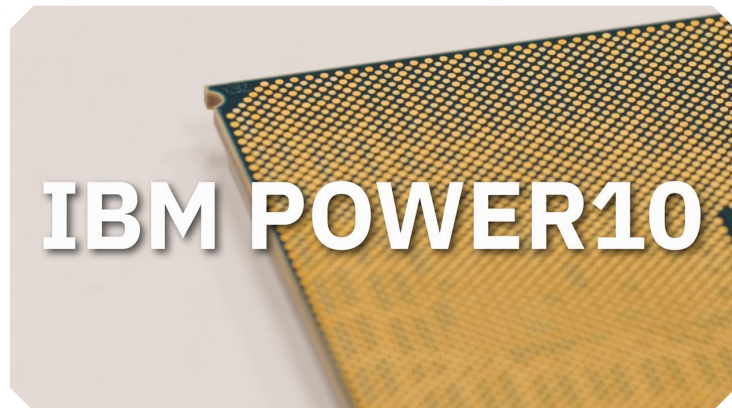
High Performance Processing for Core Systems Workloads and Ai

Challenges

The world is changing rapidly, and today's IT infrastructure must do much more than just support core business activities. As competitors pick up the pace, you must securely, reliably and efficiently transform vast quantities of data into timely insight for better-informed decision-making. And to achieve all of this, you need systems that are highly optimised, secure, and able to adapt to new requirements as they emerge.

Offerings

- IBM Power10



Benefits

- **IBM's First Commercialized 7nm Processor** that is expected to deliver up to a 3x improvement in capacity and processor energy efficiency.
- **Support for Multi-Petabyte Memory Clusters** with a breakthrough new technology called Memory Inception, designed to improve cloud capacity and economics for memory-intensive workloads
- **New Hardware-Enabled Security Capabilities** including transparent memory encryption designed to support end-to-end security. The IBM POWER10 processor is engineered to achieve significantly faster encryption performance with quadruple the number of AES encryption engines per core
- **New Processor Core Architectures** in the IBM POWER10 processor with an embedded Matrix Math Accelerator which is extrapolated to provide 10x, 15x and 20x faster AI \ inference for FP32, BFloat16 and INT8 calculations per socket respectively than the IBM POWER9
- **Up to 60/30 cores/socket (240 HW threads)** vs POWER9 dual socket server offering with 2x12-core modules (96 HW threads) both modules have the same energy level.
- **PCIe Gen 5 Interface**, x64 / DCM at up to 32 GT/s.
- **System Scale (Broad Range) from 1 to 16 sockets**

Data Based Solutions Are the New Equalizer Make the Change
Our Mission is to help you Reach Your Potential

We don't tell it - We prove it!



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