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IBM Fusion

Unifying AI, Kubernetes, Data, Management, and Workloads

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Agenda

- [ ] Strategic Trends Shaping IT
- [ ] IBM Fusion Platform Overview
- [ ] Core Capabilities and Strengths
- [ ] Key Takeaways

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Today’s IT Ecosystem **Challenges**

- Managing **complex IT environments**, workloads across multiple infrastructures – platforms.
- Pressure for **Innovation** and demand for **faster delivery** of services.
- **Maintaining security** and **compliance** requirements across platforms.
- **Cost Optimization** IT budgets are under pressure, necessitating **smarter resource** allocation**.**

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Market Reshaping IT

Trends in Data, AI and Containerization

- **Explosive Data Growth** : Enterprise data is growing at ~23% CAGR; making its **management** a critical strategic **priority**.
- **AI Moves to Center Stage**: AI adoption has surged over 75% of enterprises plan AI integration within 2 years, Increasing the **need for scalable infrastructure**.
- **Shift to Containerized Architecture**: 92% of organizations use containers in production for microservices and AI workloads; Containers and Kubernetes are **driving** greater **flexibility** and **scalability**.
- **Hybrid & Multi-Cloud Demand**: Organizations increasingly operate across multiple clouds, **requires unified management** and governance layers.

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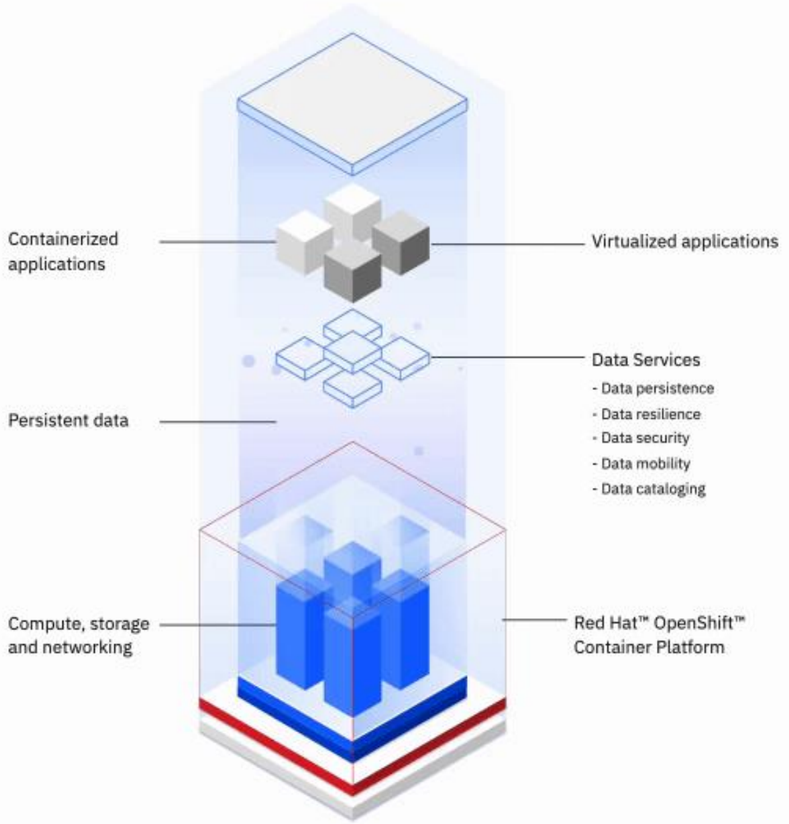
IBM Fusion: Application Data Platform for AI, Containers, and Virtual Machines

What IBM Fusion is ?

A single, **unified Data platform** for **AI, Containers** and **virtual machine workloads** with
Automated **orchestration**, enabling gradual **modernization** while reducing **operational complexity**.

Available both as a **software license** and as **Hyper-Converged Infrastructure** (HCI).



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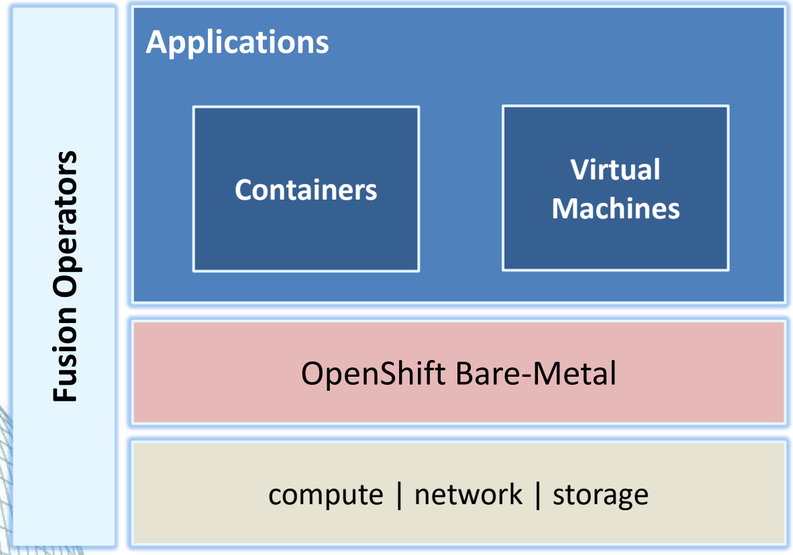
IBM Fusion: Core Capabilities



Unified Platform Run VMs, Containers, and AI workloads together

OpenShift Cloud-agnostic, Virtualization **Portability**, **Scalability** to any platform, Cloud

Watsonx Integration AI-driven **Automation**, Data Analytics, decision support

Automation Intelligent **deployment of workflows** for operations like **Auto DR**, Auto-Scaling

Data Services, Centralize **management**, data **cataloging**, data **protection**, data **classification**

Observability End-to-end **Visibility**, **Real-Time Metrics**, **Anomaly detection**, Insights,

Hybrid Flexibility, **Multi-Cluster** Support, Hardware and GPU **Flexibility**

Resilience Multi-AZ **High-Availability**, **Automated DR**, **Crash-Consistent** Backups, **a-Sync Rep**

Security & Compliance **IAM and API** security, **Integration** with **Identity Providers** Zero Trust, **GDPR ready**, Policies Support

Cost Optimization Lower TCO by **unifying infrastructure**

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IBM Fusion: Key Points

Accelerated Deployment & Time to Value

stack with **blueprints** and **automation**. Projects that used to take months Pre-integrated hardware + software can be deployed in **days** or weeks.

Hybrid & Multi-Cloud Ready Solution

Seamless support for on-premises, edge, and public cloud environments. **Avoid lock-in** and give **flexibility** to **move workloads** where they make sense.

Simplified Management

Single pane of glass for **compute, storage, networking**, and data services. Lifecycle management, **automation and policy consistency** reduce admin effort.

Scalable & Future-Ready

Supports current workloads and is **ready for next**-gen AI and hybrid cloud demands. **Start small**, (3-node) scale as needed with modular expansion.

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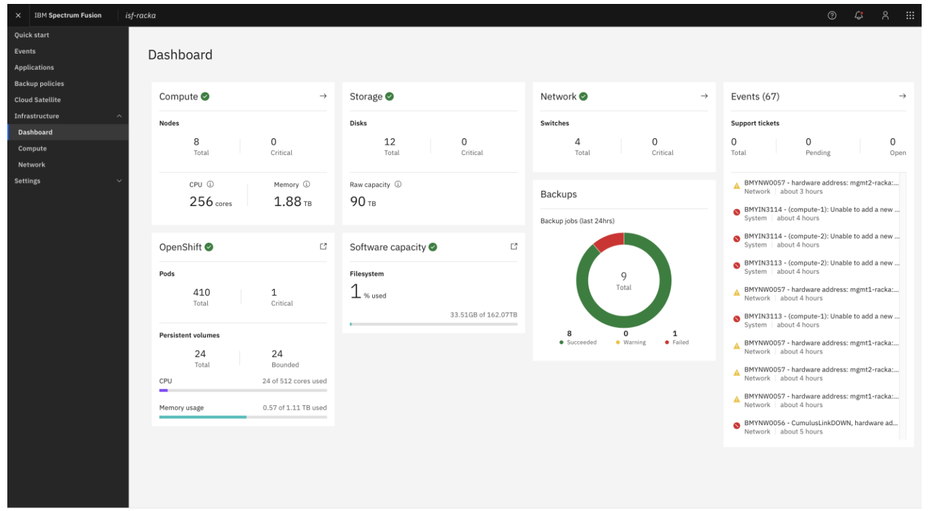
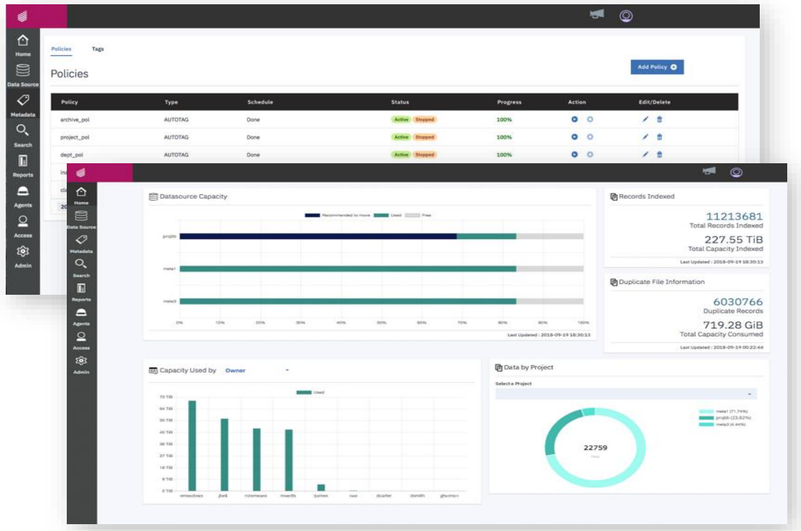
IBM Fusion: Key benefits

- ✓ **Single-point of contact** Hardware and Software support from IBM.
- ✓ **All-in-One Platform** for Enterprise Needs
- ✓ **Unified Infrastructure** for Isolated Prod & Test Clusters





- ✓ **IBM-Validated Fusion Updates**: Ensuring Delivery, Compatibility & Continuity.
- ✓ **Security & Compliance Ready,** Intelligent insights, Encryption, Ransomware protection, Zero Trust Security Model
- ✓ **Flexible Licensing Model**

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IBM Fusion: Key Takeaways

Legacy Modernization without full replacement

Automating Governance with AI and Watsonx Integration — While **Ensuring** Security

Start Small, Scale Fast: Pilot critical workloads, scale progressively.

Experts' guidance for planning, migration, upgrades, and integration

Combining AI, Data, and Container systems **needs careful Design**.

Establish clear data **policies** and **access** controls to **minimize regulatory** risks and penalties.

Bridging Skills and Training Gaps: Investing in IBM Fusion Training is Essential for **Success**

Challenges

We can help

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Portfolio of Services

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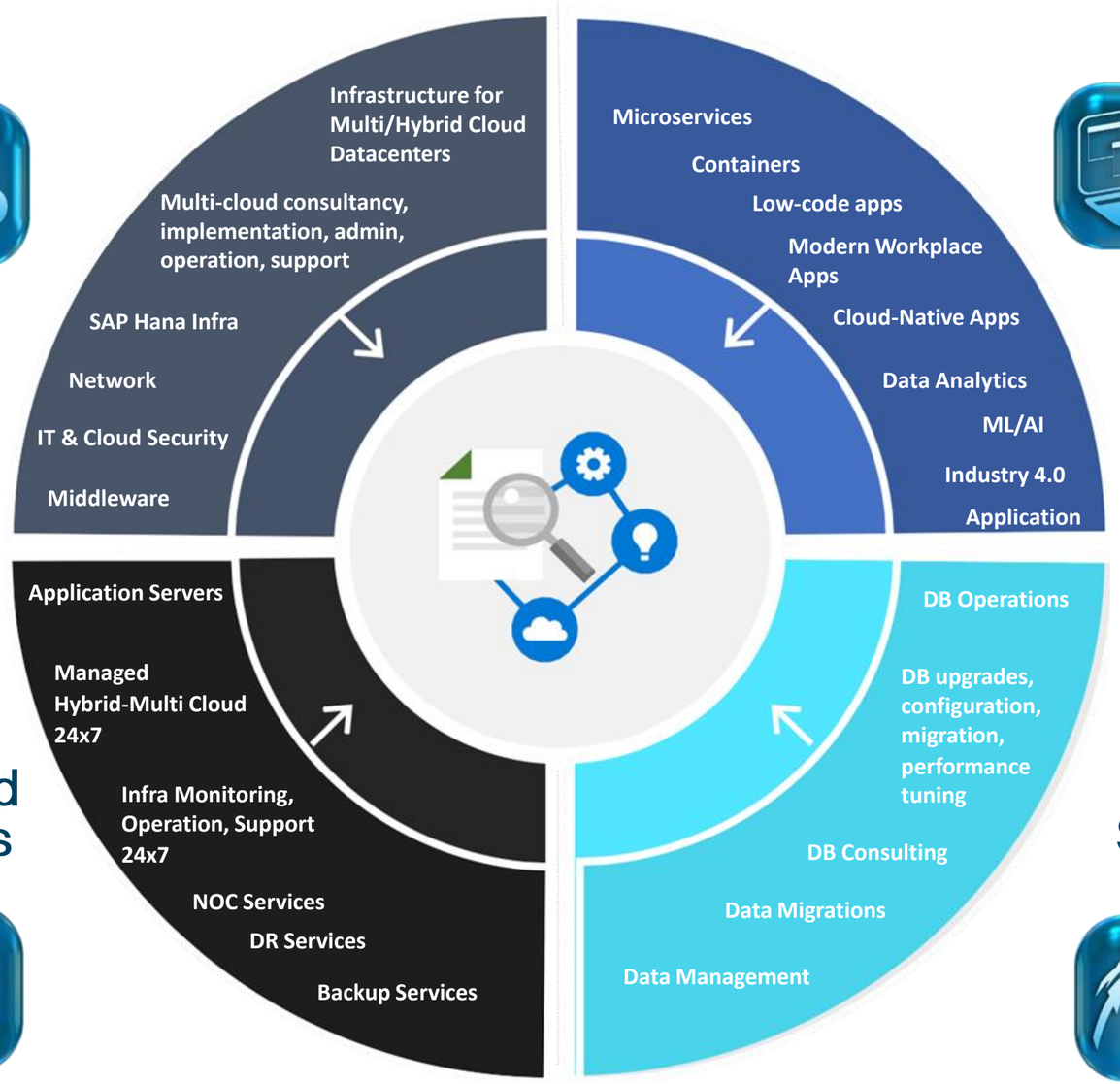
Dynamic Infrastructure Services

- Infrastructure for Multi/Hybrid Cloud Datacenters
- Multi-cloud consultancy, implementation, admin, operation, support
- SAP Hana Infra
- Network
- IT & Cloud Security
- Middleware

Application Development Services

- Microservices
- Containers
- Low-code apps
- Modern Workplace Apps
- Cloud-Native Apps
- Data Analytics
- ML/AI
- Industry 4.0
- Application



Managed Services

- Application Servers
- Managed Hybrid-Multi Cloud 24x7
- Infra Monitoring, Operation, Support 24x7
- NOC Services
- DR Services
- Backup Services

DBA Services

- DB Operations
- DB upgrades, configuration, migration, performance tuning
- DB Consulting
- Data Migrations
- Data Management

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Your InTTrusted Partner for

- Transformation
- Growth
- Excellence

EURO CERT CERTIFIED MANAGEMENT SYSTEM EN ISO 22301:2019 00.24.0198

CERT CERTIFIED QMS ISO 9001 QMSCERT Cert. No. 290113/3779

CERT CERTIFIED ISMS ISO 27001 QMSCERT Cert. No. 270218-3

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Thank you

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