

IBM InfoSphere Master Data Management for the Cloud

Leverage the flexibility of cloud deployment to manage master data entities centrally and maintain a complete, real-time view of the most critical data

Highlights

- Achieve a single view of master data
- Extend data assets to the cloud
- Deploy on multiple cloud options for flexibility
- Reduce costs with subscription-based model
- Leverage the cloud for continuous availability
- Save time and effort with supported updates and maintenance

Why master data management

As such, with data environments being more interconnected and interdependent than ever before, organizations are turning to master data management (MDM) as a solution. MDM solutions provide a single, trusted view of data across the enterprise, agile self-service access, analytical graph-based exploration, governance and a user-friendly dashboard. Businesses can, therefore, have a comprehensive method to define and manage their organization's critical data, allowing them to have more confidence and speed when making data-driven decisions.

IBM® InfoSphere® Master Data Management provides a single, trusted view of critical business data to users and applications, helping to reduce costs, minimize risk and improve decision-making speed and precision. IBM InfoSphere Master Data Management achieves the single view through highly accurate and comprehensive matching that helps overcome differences and errors that often occur in the data sources. The MDM server manages master data entities centrally, reducing reliance on incomplete or duplicate data while consolidating information from across the enterprise.

Extend data assets to the cloud

With the advent of cloud computing, organizations are seeking to extend IT architectures beyond corporate networks and in the cloud. By leveraging the flexibility of a cloud deployment, businesses can meet these topology needs as well as the cloud economies. Multiple deployment options allow you to roll out new applications, data and services with impressive speed and place them in the optimal location—whether on premises, in the cloud or in a hybrid environment.

IBM InfoSphere Master Data Management on Cloud

IBM InfoSphere Master Data Management on Cloud leverages the flexibility of a cloud deployment to manage master data entities centrally and maintain a complete, real-time view of the most critical data. With a cloud deployment, take full advantage of subscription-based pricing and pay-as-you-go, to help reduce costs and optimize resources while facilitating intelligent investment in future growth. Organizations can leave the management of hardware and software to their cloud provider, which means no waiting for major updates, giving them more time to gain valuable insights from their data. With IBM InfoSphere Master Data Management on Cloud, you can accelerate your development and test environment creation to less than a week, compared to traditional methods.

IBM InfoSphere Master Data Management on Cloud makes it easier to trust, govern and act upon data with the extensibility of flexible deployment models for speed, scalability and cost-effectiveness.

Cloud management responsibilities

Client managed

- Application development, testing, integration, and governance
- Self-service user administration for managing users and roles
- Client raises a ticket to initiate deployment, but deployment into production is IBM's responsibility

On premises

Application
Data
Security
Runtime
Middleware
OS
Virtualization
Servers
Storage
Network

Managed

Application customizations*
Data*
Security
Runtime
Middleware
OS
Virtualization
Servers
Storage
Network

* IBM InfoSphere Master Data Management, IBM InfoSphere Information Server, and business process management applications built out by the client, IBM Business Partner or IBM Services.

Example activities on IBM MDM Cloud

Custom development
Source code and build management
Data quality
Testing
Change deployment
Environment on-boarding
Provisioning
Software administration
Monitoring
Service issue resolution
Patching and updating
Salesforce Network operations center (NOC)/ change requests
Cloud firewall changes

- Shared management
- IBM manages
- Client manages

Key features

Speed and innovation to the core

With the fully managed offering, drive experimentation and innovation with speed in your core business, while taking administrative tasks and infrastructure management off your plate.

High availability

IBM InfoSphere Master Data Management provides highly optimized, built-in high availability and improved ease of use.

Robust backup infrastructure

IBM InfoSphere Master Data Management provides a fully customizable, built-in hardware and software infrastructure based on the proven technology, IBM Spectrum® Protect.

Enhanced disaster recovery

Optional enhanced disaster recovery improves the Recovery Time Objective (RTO) to less than 4 hours and Recovery Point Objective (RPO) to less than an hour if a disaster takes out a data center.

Continuous availability

When MDM is deployed as a Tier 1 application, downtime or maintenance windows are not an option. With the enhanced disaster recovery combined with continuous availability, zero downtime is achieved for critical business applications.

Gain cost efficiencies

Reduce risk and initial cost for new projects with a cost-effective entry point to IBM Master Data Management and subscription-based licensing options.

Flexible hybrid deployments

Move all or part of your MDM workload to the cloud. Expand your environment or begin a transition to a cloud environment.

Improved time to value

Reduce the time required for provisioning and deploying MDM so that more resources can be devoted to developing new solutions and innovation.

Performance monitoring

Add-on service provides enterprise clients the ability to capture and analyze additional performance management metrics beyond what is offered in the base IBM Cloud service. This monitoring gives deeper insights into the performance of the components of the application and allows quicker troubleshooting and fine-tuning.

Why IBM

IBM DataOps capabilities help create a business-ready analytics foundation by providing market-leading technology that works together with AI-enabled automation, infused governance, and a powerful knowledge catalog to operationalize continuous, high-quality data across the business.

Today, IBM has experience helping clients from industries, such as healthcare, financial services, insurance, industrial and the public sector, to adopt fully managed cloud offerings like IBM InfoSphere Master Data Management on Cloud.

This MDM solution provide enterprises with increased data quality and protect clients' personal data while simultaneously delivering faster time to value in a cost-effective way. With IBM's support, enterprises from any industry can migrate to the cloud seamlessly and have one source of truth, providing an efficient, self-service data pipeline to the right people at the right time from virtually any source.

To learn more about IBM InfoSphere Master Data Management on Cloud:

Watch the webinar: [Top trends driving the need for data transformation and the cloud](#)

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