IBM Aspera on Cloud

All of your data, none of the waiting

Key features & capabilities

- Intuitive file sharing and content delivery across a hybrid-cloud environment
- High-speed data transfer at any distance
- Cloud-native technology with high availability and scalability
- Enterprise-grade security
- Real-time control over your transfers
- Central administration of hybrid environments

Key benefits

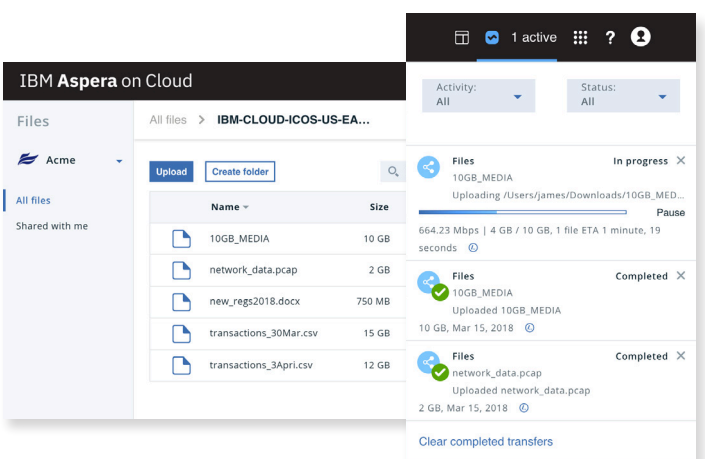
- Seamlessly access and share data stored anywhere
- Move files at maximum speed, regardless of network conditions
- Securely collaborate with anyone around the world

Supported use cases

- High-speed access to data stored across hybrid-cloud environments
- Fast, convenient, and secure file sharing and exchange
- Reliable package delivery to anyone around the world
- Data migration to, from and between clouds and on-premises storage
- Embed high-speed transfer into a custom application

Organizations are increasingly adopting a hybrid-cloud infrastructure that uses a combination of public cloud, private cloud, and on-premises storage and compute resources. While these environments help to reduce IT costs, streamline administration, and speed application development, moving data across the infrastructure has become much more challenging. Files and data sets that need to be exchanged are often stored in multiple clouds and on-premises systems. Traditional transfer technologies bridging these environments are slow and unreliable, and physical disk shipments between them are time consuming and expose data to unnecessary security risks.

IBM Aspera® on Cloud overcomes the data transfer challenges of the hybrid cloud by allowing companies to securely and reliably move big data across on-premises and multi-cloud environments at unrivaled speed. This new hosted service from IBM Aspera is the fastest way to transfer, exchange, and deliver data from any location to anywhere with anyone.



Seamlessly Access and Share Data Stored Anywhere

Whether your data is stored on-premises or in the cloud, IBM Aspera on Cloud offers a simple user interface for accessing all of it. A file-system–like structure allows users to easily move folders across data centers and cloud platforms using drag-and-drop. Directly send large files from your on-premises or cloud storage out to customers and partners, and invite them to upload data directly to your storage locations. Access to such transfer functionality and configured data stores are protected by a powerful access control model managed by service administrators.

Move Files at Maximum Speed, Regardless of Network Conditions

IBM Aspera on Cloud offers unrivaled performance for transferring large files and large collections of files across any distance. By fully utilizing available bandwidth, transmissions achieve substantially higher speeds than traditional network transfer technologies. Aspera's unique direct-to-cloud transport technology moves data from the client all the way into the cloud storage layer, ensuring high-speed transfers and immediate post-transfer data availability.

Securely Collaborate with Anyone Around the World

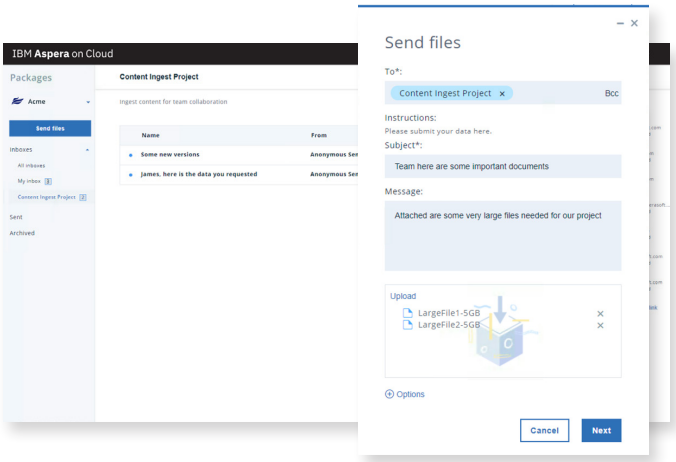
Enterprise-grade security protects valuable data as it is shared and exchanged with collaborators located anywhere around the world. The service authenticates users upon login, encrypts data in transit and at rest using strong cryptography, and verifies data integrity to protect against man-in-the middle attacks.

Key Features

Intuitive file sharing and content delivery across a hybrid-cloud environment

The easy-to-use interface simplifies file uploads, downloads, search, sharing, distribution, and content management across on-premises and cloud storage.

- Drag-and-drop files and folders to transfer to any storage location or to share with other users and groups.
- Organize your files and users into workspaces, which are secure collaboration areas for groups.
- Use inboxes to represent cloud and on-premises storage and enable users to submit content directly to your inbox or to a shared content submission portal.

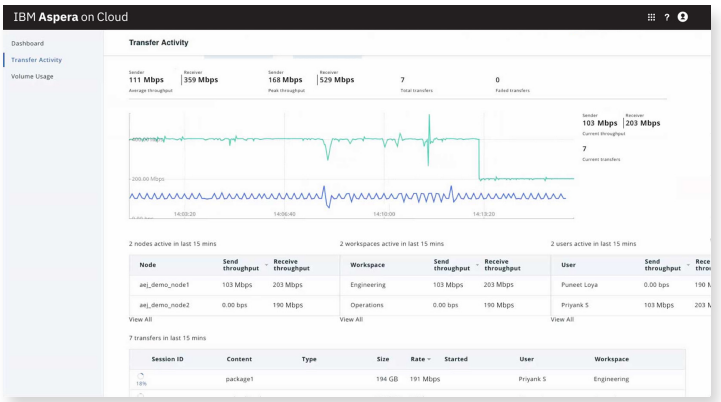


- Compile data into a digital package and distribute to one or more recipients using a straightforward, email-like interface.
- Preview media content in thumbnail, keyframe grids and playable media.
- Easily find items in very large file stores with search, filter, and sort.
- Extend Aspera on Cloud access to the desktop, browser and mobile applications.

Real-time control over your transfers

Gain complete visibility and control over the Aspera high-speed transfer environment. Monitor transfer activities in real time while embedding your brand into every communication and web asset.

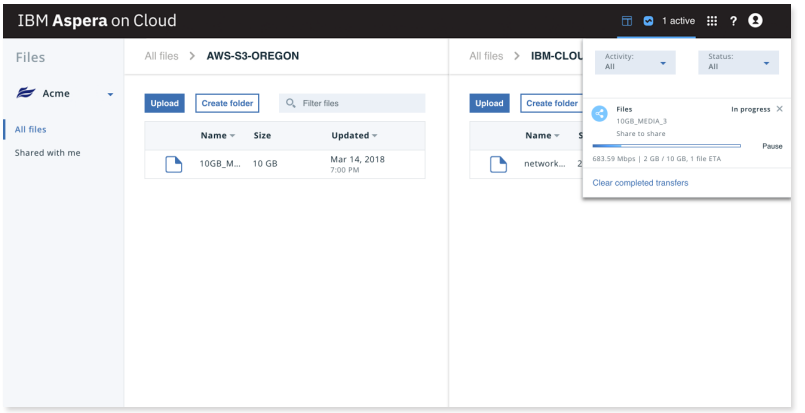
- Manage transfer activities, storage usage, and digital packages in real time.
- Monitor activity logs and service alerts.
- Manage membership in workspaces, user groups and shared inboxes.
- Easily create a uniquely branded web presence.
- Customize email templates and logos to match your brand identity.



Central administration of hybrid environments

Connect to all your cloud and on-premises storage and remotely manage your transfer nodes with a single easy-to-use interface.

- Store and readily access files and folders in multiple cloud-based and on-premises storage systems.
- Configure access to transfer nodes located in your data center or in any market-leading cloud platform: IBM Cloud, AWS, Azure, and Google.
- Establish network policies that govern how transfer nodes interact with each other.
- Embed sending, sharing and delivery functionality into your custom applications using the Aspera API.



Built on the Aspera transfer platform

- High-speed data transfer at any distance that moves data up to hundreds of times faster over global wide area networks and can achieve multiple gigabit-per-second speeds.
- Direct-to-cloud technology and built-in clustering delivers high availability, reliability, and scalability.
- Enterprise-grade security that locks down your data in a hybrid cloud environment.

Try Aspera on Cloud now: ibmaspera.com/welcome

For more information

For more information on IBM Aspera solutions, please visit ibm.com/cloud/aspera.

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