

BT Compute Storage

Extend your storage options without compromising on security and reliability

Big data is driving the demand for storage faster than ever before. But although big data is important – accessible data is invaluable. Efficient storage solutions are becoming a critical part of IT infrastructures, and that means having a mix of storage types. We've extended our range of storage options by adding enterprise grade, cloud-based object storage – giving you all the benefits of the cloud with enhanced security and durability.

Although it can take on lots of different shapes and sizes, most companies manage all their data in the same way, in terms of storage and retrieval.

This means mission-critical databases and work files find themselves sharing low latency, high cost server space with mail server back-ups and static web content.

We think there's a better way to manage data, one that exploits the power of the cloud to deliver data to where it needs to be; enabling people to store, share and sync documents wherever they are, without paying for unused space and unnecessary processing power.

Because you can leverage the end-to-end security, SLA assured performance and reliability of the BT network that underpins it, our object storage solution stands out from the crowd and is ideal for enterprise users.

Benefits

- Host sensitive data in your country to help meet compliance
- Pay only for the storage you use
- Use file sync, share and back-up applications to leverage low cost unstructured storage
- Easy migration through compatibility with Amazon S3[®] and SCSP
- SLA-assured 99.95% availability with 99.99999999% durability
- Enterprise class end-to-end security, performance and reliability
- Keep full control of encryption keys for added security
- All data is de-duplicated and compressed at source
- Enhanced resilience through automatic replication of data in the same data centre
- Less space required, less power consumed and fewer emissions produced.



How it works

With BT Compute Storage you can tailor your requirements to match your business aims, whether that's high availability, low-cost or a combination.

You can extend file storage, data protection and sharing across the enterprise and consolidate remote office storage infrastructure – while your data is hosted in the delivery country of your choice* and entirely under your control.

Using our Compute Management System, which is a single point of control for all our BT Compute services you can also create your specific use scenario, such as flexible long-term back-up or file sync and share services in the cloud.

Object-based storage is a great way to make your data accessible on any device, to support your BYOD strategy. And because we've designed it for business, BT Compute Storage has enterprise grade security – removing the risk associated with consumer-focused sharing services.



How it can be used

BT Compute Storage gives you both choice and control over the services you want to provide, with examples of how this could be deployed including:

Enterprise file sync and share

- Bandwidth-efficient synchronization with all data de-duplicated and compressed at source
- Users can access their files anywhere and share them from their smartphone or tablet
- Team collaboration workspaces let people share folders and files
- User privileges can be set according to active directory group and roles
- Optional automatic endpoint backup for laptops and workstations to prevent data loss.

Virtual backup and gateways

- Automatically back up workstations (desktops and laptops) and Windows servers
- Create virtual machines in the cloud, while enjoying the security and reliability of BT's network.



Secure to the core

End-to-end encryption using AES 2048-bit.

All data is hashed and validated using SHA-1 fingerprinting to prevent tampering.

Privately held encryption keys for our Amazon S3[®] compatible and BT SCSP Object storage access APIs.

Dedicated, isolated data storage areas removes the risk of leakage.

Your data is stored in state-of-the-art BT facilities under 24/7 surveillance with authorised access only.

* We can offer our object storage services from major business hubs, and we are extending this to all our global BT Cloud Compute delivery locations. The object storage service can be ordered, consumed and controlled from anywhere.



Why BT?

At BT, we come to work to innovate, and we bring fresh thinking with us. We're helping businesses realise possibilities in the cloud – by lowering the barriers and making it easier to tap into. We're helping you master the art of connecting to create stunning business outcomes. We are trusted by thousands of enterprises around the world, combining our global strength in networks, IT and innovation with local presence, expertise and delivery.

IT to match your needs

We can deliver service at your location or from 45 BT data centres around the world. We can offer everything from secure telehousing to managed hosting services as well as public, private and hybrid cloud services, or any combination you need.

Global reach, local expertise

A global leader in managed networked IT services, we serve the needs of over 6,500 large corporate and public sector customers in more than 170 countries worldwide. Our team of 1,250 BT Advise Compute experts can help with everything from discovery and design to delivery of tailored solutions.

Choice and control

BT Cloud Compute infrastructure coverage means you're in control of where your applications and data are hosted at all times, helping you meet compliance and assurance requirements and delivering the performance your users demand.

Enterprise-class service

We'll help you make the transition to cloud, with local service desks and the service level assurances and commercial framework you'd expect, offering resilience and 24/7 SLA-assured availability at 99.95%.

Extensive industry experience

Our wide-ranging and award winning networked IT experience, combined with a rich ecosystem of partners, helps us serve a diverse range of industries, including government and health, retail and logistics, global banking and financial services.

Innovation recognition

BT has won 10 industry accolades for our innovation in Cloud Services in the last 4 years; ranked top in cloud computing for fourth year in a row by Experton Group in 2014; and recognised by Gartner as a leader in Cloud Enabled Managed Hosting*.

* Gartner, Magic Quadrant for Cloud-Enabled Managed Hosting, Europe (June 2015). Tiny Haynes, Gianluca Tramacere, Gregor Petri, Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings or other designation. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.



Offices worldwide

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