What drives the need for data residency?

Data residency is about ensuring that data is stored in a specific location. This can be driven by a variety of factors, including legal requirements, regulatory compliance, and security concerns.

How AWS Outposts enables organizations to meet data residency requirements

AWS Outposts is a co-location solution that allows customers to run AWS services in their on-premises environment. This enables organizations to meet their data residency requirements without compromising the agility, speed, and innovation that cloud computing offers.

How do you determine which (if any) of your data assets must be stored in a particular geographical location?

Every organization's obligations are different, so there's no 'one size fits all' checklist. But broadly speaking, data that may have data residency requirements associated with it must be stored in a location that is specified by the data's origin.

Meet your data residency needs with AWS Outposts

AWS Outposts is designed to help organizations meet their data residency requirements. It offers the scalability and performance of AWS cloud services while providing on-premises hosting in a location that you specify.

Reduced maintenance and management costs, without local instance storage. Choose from general-purpose instances, compute-optimized, memory-optimized, or storage-optimized instances.

The AWS Outposts catalog includes options supporting the latest virtual machine instances and dedicated usage of CPUs and GPUs. The Outposts compute resource is optimized for compute, memory, graphics or I/O, to enable the ability to choose where you want data to be kept.

Local storage

Choose from general-purpose instances, compute-optimized, memory-optimized, or storage-optimized instances. Customers report that AWS Outposts makes it easier to manage and control their data.

Local network gateway

Local network gateway is available on Amazon EC2. LGW enables low-latency access to data on-premises and in the cloud. This is used in conjunction with a virtual private cloud in the cloud.

AWS Outposts security features

AWS Outposts is designed with security in mind. It has a number of data protection features, including data encryption in transit and at rest, data protection through encryption, and data protection through data means.

Learn more today

You can learn more about AWS Outposts and how it can help you meet your data residency requirements by visiting the AWS Outposts website or by reaching out to your account team.