



# **Compliance and the cloud**

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# Table of Contents

- Compliance and the cloud ..... 1
  - NetApp Cloud Compliance Service ..... 1
  - Data sovereignty ..... 1
  - SnapLock WORM storage ..... 2

# Compliance and the cloud

## NetApp Cloud Compliance Service

Each industry and each country has different compliance requirements. Whether you have an on-premises system or are working in the cloud, ONTAP helps you maintain compliance.

Powered by artificial intelligence, NetApp offers a Cloud Compliance service to keep your cloud resources in compliance with many regulations. This always-on service is the best way to navigate complex compliance regulations.

### Related information

[NetApp Cloud Compliance](#)

## Data sovereignty

Data sovereignty refers to national laws concerning the collection, storage, and transmission of data. The General Data Protection Regulation (GDPR) in Europe and the Health Insurance Portability and Accountability Act (HIPAA) in the US are examples of these laws. Data residency refers to where data is physically stored and is often specified by data sovereignty laws. Personal data about individuals is a primary target of regulations, but other data can be regulated too.

When you store data on premises in your own data center, you have complete control over how and where the data is stored. When you store data in the cloud, you are responsible for understanding how and where that data is physically stored, and you are responsible for ensuring you comply with applicable data sovereignty laws. For hybrid cloud configurations, you need to pay attention to where both the on-premises tiers and the cloud tiers are stored.

The good news is that all the major cloud providers are fully aware of the laws and have procedures and information to help you comply. But it's still important that you select the appropriate products and procedures for your specific needs.

In many cases, storing your data in the cloud makes it possible to keep data within the boundaries of a country where your company has no physical presence.

Here are some examples of the compliance information from NetApp and from cloud providers:

- [Architecting GDPR- and HIPAA-Compliant Storage](#)
- [Questions on data residency and compliance in Microsoft Azure](#)
- [General Data Protection Regulation \(GDPR\) Center for Amazon Web Services](#)
- [Compliance resource center for Google Cloud](#)
- [Alibaba Cloud Security & Compliance Center](#)

# SnapLock WORM storage

An important aspect of compliance is being able to guarantee that certain data is maintained unchanged for a required period of time. SnapLock is a high-performance compliance solution that uses write once, read many (WORM) storage to retain files in unmodified form for regulatory and governance purposes. With cloud WORM storage, the SnapLock feature extends to Cloud Volumes ONTAP.

SnapLock offers two data retention models:

- **SnapLock Compliance** provides strict data retention and is compliant with multiple industry and government regulations. SnapLock Compliance is not currently available in Cloud Volumes ONTAP.
- **SnapLock Enterprise** is deployed for more flexible regulatory requirements and organization-defined policies. Unlike SnapLock Compliance, a privileged administrator can delete SnapLock Enterprise files at any time. SnapLock Enterprise is available in Cloud Volumes ONTAP.

## Related information

[Archive and compliance using SnapLock technology](#)

[NetApp Cloud WORM: Enhancing Data Protection with Locking Features](#)

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