# What Is **AWS Backup?**

Backup allows you to consolidate your backups across multiple AWS services, such as EC2, EBS, EFS, Amazon FSx for Lustre, Amazon FSx for Windows File Server, and AWS Storage Gateway.

It can include other services, such as database technologies like RDS and DynamoDB.



# **AWS Backup with Organizations**

Backup can be used with AWS Organizations to back up multiple AWS accounts in your organization.

It gives you centralized control across all AWS services, in multiple AWS accounts across the entire AWS organization.



# **Benefits of AWS Backup**

**Central Management** 

Use a single, central backup console, allowing you to centralize your backups across multiple AWS services and multiple AWS accounts.

**Automation** and retention policies. You can also create

You can create automated backup schedules lifecycle policies, allowing you to expire unnecessary backups after a period of time.

**Improved Compliance** 

Backup policies can be enforced while backups can be encrypted both at rest and in transit, allowing alignment to regulatory compliance. Auditing is made easy due to a consolidated view of backups across many AWS services.

## **AWS Backup**

- Consolidation: Use AWS Backup to back up AWS services, such as EC2, EBS, EFS, Amazon FSx for Lustre, Amazon FSx for Windows File Server, and AWS Storage Gateway.
- Organizations: You can use AWS Organizations in conjunction with AWS Backup to back up your different AWS services across multiple AWS accounts.
- Benefits: Backup gives you centralized control, letting you automate your backups and define lifecycle policies for your data. You get better compliance, as you can enforce your backup policies, ensure your backups are encrypted, and audit them once complete.

# EBS: SSD Volumes Highly available and scalable storage volumes you can attach to an EC2 instance. General Purpose SSD Suitable for boot disks and general applications. Up to 16,000 IOPS per volume. Up to 99.9% durability. General Purpose SSD Suitable for high performance applications. Predictable 3,000 IOPS baseline performance and 125 MiB/s regardless of volume size. Up to 99.9% durability

### **EBS: SSD Volumes** Highly available and scalable storage volumes you can attach to an EC2 instance. io1 io<sub>2</sub> **Provisioned IOPS SSD Provisioned IOPS SSD** Suitable for OLTP and Suitable for OLTP and latency-sensitive applications. latency-sensitive applications. 50 IOPS/GiB. 500 IOPS/GiB. Up to 64,000 IOPS per volume. Up to 64,000 IOPS per volume. High performance and most 99.999% durability. expensive. Latest generation Provisioned IOPS volume. Up to 99.9% durability.



