

Google Cloud Backup and DR Service for SAP

Backup and disaster recovery for SAP in Google Cloud and hybrid cloud

Protecting SAP in Google Cloud and hybrid environments

Customers are leveraging Google Cloud with SAP applications in multiple ways, including lift & shift for production workloads, as a disaster recovery (DR) target, and as an off-site backup target. Usually, they need multiple tools to achieve high availability, backup & recovery, cyber resiliency, and disaster recovery for these critical business applications. An ideal SAP backup and disaster recovery solution would deliver:

- 01 Low RPO / RTO, ease of use, a simplified cost structure and broad SAP database support.
- 02 A single solution across on-premises and Google Cloud environments.
- 03 Comprehensive protection & disaster recovery for all SAP business application components.

Google Cloud Backup and DR - data protection for SAP applications

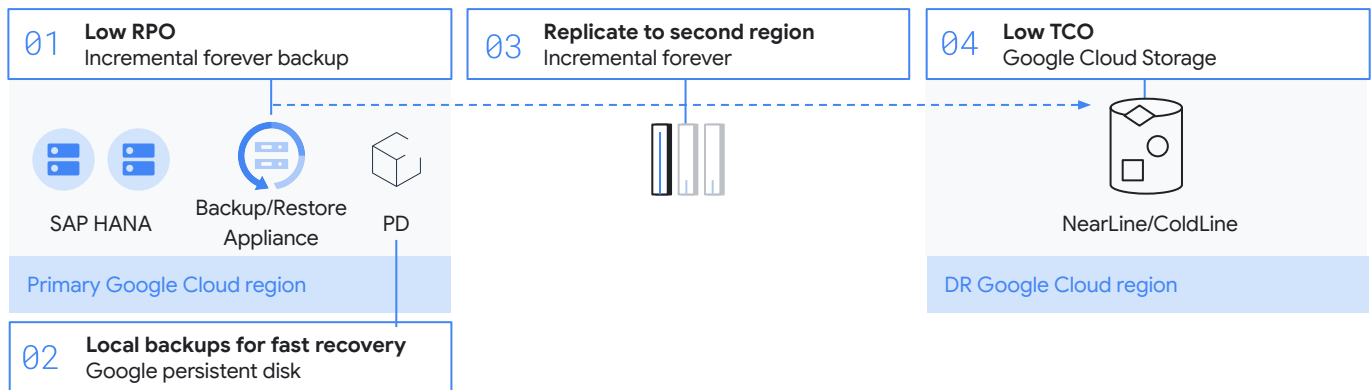
Google Cloud Backup and DR Service is an SAP backup and DR solution that provides a single pane of glass to manage SAP workloads for Google Cloud and on-premises environments. With incremental forever data capture technology for SAP applications and leveraging SAP APIs, it delivers low RPO with minimal impact to production systems. Google Cloud storage solutions are used to deliver low RTO in minutes, low total cost of ownership (TCO), and cloud-scale backup and DR operations.

Single service delivering backup, recovery and DR for SAP applications in Google Cloud and on-premises environments.

Supports a broad range of SAP applications running on SAP HANA, SAP ASE, SAP IQ, MaxDB, Oracle, DB2, and SQL Server.

Leverages Google Cloud storage solutions to deliver low RTO, low TCO, and cloud-scale economics.

Protect SAP in Google Cloud



When to use Google Cloud Backup and DR

Application tier	Required RPO	DR with:	Backup/Recovery & cyber resiliency with:
Tier 1	Near zero data loss	HANA System Replication	✓ Backup & DR
Tier 2+3	>15 minutes	✓ Backup & DR	✓ Backup & DR

Key features



Incremental forever backup (including SAP HANA)

Efficient incremental forever backup leveraging changed-block tracking and APIs (including SAP HANA SavePoint API) reduces the backup window and optimizes bandwidth and storage utilization for low RPO.



Hybrid and cross-region disaster recovery

Recover workloads in Google Cloud by leveraging on-demand Compute Engine or VMware Engine instances for enhanced business continuity.



Complement SAP HANA system replication for DR

For tier 1 applications, orchestrate recoveries leveraging HANA System Replication. For lower tier applications, leverage cost-effective replication to Cloud Storage for an RPO as low as 15 minutes.



Backup the entire application stack

Easily backup all application stack components, including VMs (in Compute Engine, VMware Engine, or VMware on-premises) and file systems.



Instant mount and recovery

Instantly bring up your SAP applications from any point in time for low RTO. No need to first move backup data to warm storage to make it available. Move data to target production storage while your applications are up and running.



Quick and easy database cloning

Easily create virtual clones of your SAP landscapes or refresh existing ones with the latest production data, without consuming storage for full copies. Quickly test an application change or troubleshoot a problem using production data from any point in time.



Broad database support

Application-aware backup & recovery for all SAP applications running on HANA, ASE, IQ, MaxDB, Oracle, SQL Server, and Db2. Support for all HANA configurations (1.0/2.0, MDC, HA 1+1, Scale-up/Scale-out).



Automated policy driven backup management

Meet business SLAs and compliance needs with simple and easy automated policy-driven backups



<https://cloud.google.com/backup-disaster-recovery>

Google Cloud Backup and DR Service for SAP

Backup and disaster recovery for SAP in Google Cloud and on-premises

Protecting SAP in Google Cloud and on-premises environments

SAP applications operating on-premises and in Google Cloud typically require multiple tools for backup, recovery, disaster recovery and ransomware recovery, resulting in significant costs, complexity and business downtime. An ideal SAP backup and disaster recovery (DR) solution would deliver:

- 01 Low RPO / RTO, ease of use, a simplified cost structure and broad SAP database support.
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Google Cloud Backup and DR - Data protection for SAP applications

Google Cloud Backup and DR service is a SAP backup and DR solution that provides a single pane of glass to manage SAP workloads across Google Cloud and on-premises environments. With incremental-forever data capture technology for SAP applications and leveraging SAP APIs, it delivers low RPO with minimal impact to production systems. Google Cloud Storage solutions are used to deliver low RTO in minutes, low total cost of ownership (TCO) and cloud-scale backup and DR operations.

Single service delivering backup, recovery and DR for SAP applications in Google Cloud and on-premises environments

Supports a broad range of SAP applications running on SAP HANA, SAP ASE, SAP IQ, MaxDB, Oracle, DB2, and SQL Server

Leverage Google Cloud Storage to deliver low RTO, low TCO

Benefits



Low RPO via incremental-forever data capture & low RTO via instant mount



Cloud scale & efficiency using Cloud Storage plus consumption-based pricing equals low TCO



Broad workload support across Google Cloud & hon-premises for SAP workloads



For more information, visit: [Backup and DR Service | Google Cloud](#)