



REL-002 - Plan for disaster recovery and recommend Recovery Time Objective (RTO) and Recovery Point Objective (RPO)

As a recovery point, backups are worked with the AWS Backup service for both RDS and EFS instances with plans according to the need of the workload.

Based on the retention policies and recovery procedures we implemented with the client, and based on the criticality of the information in this project and the metrics obtained, the following were agreed upon with the client:

RPO: 24 hours

RTO: 2 hours

Backup DB (RDS)

Aurora and RDS		Automated Backups				
Dashboard		Current Region				
Databases		Replicated				
Query editor		Retained				
Performance insights						
Snapshots						
Exports in Amazon S3						
Automated backups						
Reserved instances						
Proxies						

Current Region backups (2)						
Filter by current region backups						
DB instance or cluster	Earliest restorable time	Latest restorable time	Engine	Encrypted		
srvcoredb	April 22, 2025, 00:05 (UTC-04:00)	May 07, 2025, 13:04 (UTC-04:00)	sqlserver-se	Yes		
srvcoredb-ga	April 29, 2025, 00:10 (UTC-04:00)	May 07, 2025, 13:02 (UTC-04:00)	sqlserver-se	Yes		

System snapshots (16)						
Filter by system snapshots						
Name	DB source	Creation time	Status	Progress	VPC	
rds:srvcoredb-2024-10-02-02-05	srvcoredb	Tue Oct 01 2024 22:06:17 GMT-0400	available	Completed	vpc-0cb903ab58ab70435	
rds:srvcoredb-2024-10-03-02-04	srvcoredb	Wed Oct 02 2024 22:05:57 GMT-0400	available	Completed	vpc-0cb903ab58ab70435	
rds:srvcoredb-2024-10-04-02-05	srvcoredb	Thu Oct 03 2024 22:06:16 GMT-0400	available	Completed	vpc-0cb903ab58ab70435	
rds:srvcoredb-2024-10-05-02-05	srvcoredb	Fri Oct 04 2024 22:06:17 GMT-0400	available	Completed	vpc-0cb903ab58ab70435	
rds:srvcoredb-2024-10-06-02-04	srvcoredb	Sat Oct 05 2024 22:05:19 GMT-0400	available	Completed	vpc-0cb903ab58ab70435	
rds:srvcoredb-2024-10-07-02-04	srvcoredb	Sun Oct 06 2024 22:05:37 GMT-0400	available	Completed	vpc-0cb903ab58ab70435	
rds:srvcoredb-2024-10-08-02-05	srvcoredb	Mon Oct 07 2024 22:06:25 GMT-0400	available	Completed	vpc-0cb903ab58ab70435	
rds:srvcoredb-2024-10-09-02-04	srvcoredb	Tue Oct 08 2024 22:05:45 GMT-0400	available	Completed	vpc-0cb903ab58ab70435	

Backup Automation Plan



AWS Backup > Backup plans > aws/efs/automatic-backup-plan

aws/efs/automatic-backup-plan

Delete

View JSON

Summary

Backup plan name aws/efs/automatic-backup-plan	Version ID MjAxNDY3NTItNWJkMj00NTNkLTg5YjgtODc2OWQwN2MyMTk3	Last modified August 21, 2023, 17:35:32 (UTC-04:00)	Last runtime October 16, 2024, 02:54:54 (UTC-04:00)
Backup plan ID aws/efs/73d922fb-9312-3a70-99c3-e69367f9fdad			

Backup rules (1)

Backup rules specify the backup schedule, backup window, and lifecycle rules.

Edit

Delete

Add backup rule

Name	Backup vault	Destination Backup vault
<input type="radio"/> aws/efs/automatic-backup-rule	aws/efs/automatic-backup-vault	-

Resource assignments (1)

Resource assignments specify which resources will be backed up by this Backup plan.

Delete

Assign resources

< 1 > ⓘ

Name	IAM role ARN	Creation time
<input type="radio"/> aws/efs/automatic-backup-selection	arn:aws:iam::612977391817:role/aws-service-role/backup.amazonaws.com/AWSServiceRoleForBackup	August 21, 2023, 17:35:32 (UTC-04:00)

AWS Backup > Backup plans > aws/efs/automatic-backup-plan > aws/efs/automatic-backup-rule

aws/efs/automatic-backup-rule

Delete

Edit

Summary

Backup rule name aws/efs/automatic-backup-rule	Frequency Daily At 05:00 AM Etc/UTC (UTC+00:00)	Start within 8 hours	Complete within 7 days
Transition to cold storage Not enabled	Archive Amazon EBS snapshots Not enabled	Total retention period 5 weeks	Backup vault aws/efs/automatic-backup-vault
Continuous backup Disabled	Tags added to recovery points - optional -		