AWS Elastic Disaster Recovery (AWS DRS) general architecture

Data center or cloud

AWS Cloud

AWS Region

DRS

Agent control protocols

Replication server status reporting

Staging area resources automatically created and terminated

Recovery instances launched with RTO of minutes and RPO of seconds

Staging Area Subnets (in user VPC)

Recovery Subnets (in user VPC)

AWS Replication Agent

Continuous, block-level replication (compressed and encrypted)

AWS Replication Agent

Disks

Replication Servers (lightweight EC2 instances)

EBS volumes

Recovery Instance

Recovery Instance

EBS volumes