

Solution Brief

Recovery Readiness for AWS Elastic Disaster Recovery (AWS DRS)

Key Benefits

Automate every aspect of disaster testing, management, and reporting

Identify problems to recover with the Recovery Readiness Platform, before a disaster

Fix recovery problems in real-time at the time of an actual disaster

EnsureDR Recovery Readiness Platform™ works with AWS Elastic Disaster Recovery (AWS DRS), enabling recovery testing de facto. It turns on the AWS DRS and tests the availability of servers, applications, databases, resources, and web portals and then connects the AWS DRS environment to an isolated network. EnsureDR uses AWS Replication Agent to keep the replication running while testing the DR.

EnsureDR is a pioneering Recovery Simulation software platform. Current disaster recovery solutions are based on the replication of the company's data to a secondary site. However, businesses who have tried to recover from a real disaster have faced a 20%-30% recovery failure rate (servers are unable to turn on, the database is inconsistent, applications don't run, etc.).

Unlike the active production site, the recovery sites are “turned off” during the year, not maintained, and not updated. This incompatibility between sites poses a huge risk when the business switches to the recovery site. No business has the option to maintain and update the recovery site infrastructure all year round to ensure it is identical to the production site.

With AWS Elastic Disaster Recovery (AWS DRS), EnsureDR identifies and fixes problems before a disaster situation occurs by operating the secondary sites automatically, weekly – so if a disaster does occur, AWS DRS users will still be able to function properly. EnsureDR's management tools include a reporting engine and an online User Interface Dashboard.

Without periodic testing, the effectiveness of disaster recovery plans erode with time. Storage and server environmental changes occur together with organizational changes, newly introduced services, and new policies and procedures are developed.

The EnsureDR Recovery Ready Platform automates the “testing & exercising phase”, which is the most important stage of business continuity planning and disaster recovery.

EnsureDR adds an enhanced level of resiliency to the Disaster Recovery plan as “disaster practice makes recovery perfect”. The first concern businesses have is the time the business will be shut down in the event of a real disaster. EnsureDR's sophisticated troubleshooting engine will fix errors automatically and produce detailed logs so any IT member can find the specific problem that needs urgent attention in the shortest possible time; allowing past problems and their remediation be viewed with no need for costly investigation and time wasted. The test assures that data is consistent, correct, restorable, accessible, and Intact.

Problem	Solution
In the event of a disaster, the business will try to continue working from the secondary site at AWS and will face problems	With AWS Elastic Disaster Recovery (AWS DRS), EnsureDR identifies and fixes problems before a disaster situation by operating the secondary sites automatically, weekly – so if a disaster does occur, AWS DRS users will still be able to function properly.
Lack of visibility and reporting	EnsureDR's Recovery Readiness Platform includes a Reporting Engine and a User Interface Dashboard.
Manual processes that result in inefficient operations	EnsureDR Recovery Ready Platform automates the “testing & exercising” phase, which is the most important stage of business continuity planning and disaster recovery.

