EnsureDR

EnsureDR Recovery Readiness for Government Agencies

Automate DR Drills, Accelerate Regulation Compliance, and Achieve DR Resilience.

Government agencies today are required to manage massive amounts of data such as: the data of citizens for the processing of benefit claims; workforce data for HR purposes; or intelligence information for sensitive security and/or military missions both locally and internationally. This requirement to manage this sensitive data and intelligence based information has undergone a steep increase both quantitatively and qualitatively since federal, state as well as local government agencies rely on the availability of this data and intelligence information to make critical decisions that have far-reaching consequences for the security and general well-being of its citizens.

To ensure that this data and intelligence information is accessible both at the time and at the location where it is needed in a highly available and accessible manner, a growing number of agencies are investing heavily in IT disaster recovery solutions. These solutions provide an agency the ability to recover in the event of a disruption and restore business processes with an optimal RTO (Recovery Time Objective) and RPO (Recovery Point Objective). Traditionally, the government's approach to DR has involved maintaining a separate facility with infrastructure that mirrors what is found in the agency's primary data center. This approach is problematic as the DR site which sits idle most of the year will in all likelihood not be able to respond in the event of a real DR scenario as a result of incompatibilities between the primary and DR sites. Even with the recent move to DR cloud solutions, there lacks a viable way of thoroughly and frequently testing the DR facility to ensure that it will function as required when it is needed.

Automate Everything

Automate DR drills with management tools for total resilience

Accelerate Regulation Compliance

Eeasily generate reports demonstrating recovery readiness compliance on-demand. Ensure ability to recover from any scenario

DR Test as a Service

Onsite implementation, monthly tests and 24/7 support

The EnsureDR Software Platform, can assist disaster recovery practitioners to easily manage and maintain their DR environment while at the same time assist in satisfying regulatory requirements by providing a framework which will allow for:

- The **automation** of DR testing for all servers: both virtual and physical, both onsite and offsite.
- The **thorough and frequent** testing of critical servers: to confirm the continuous data integrity and availability of critical business systems.
- The **documentation (audit-ready)** of DR testing results through a detailed "Recovery Readiness" **report** as well as an online **dashboard**.
- The **Recovery Readiness Score** provides a quantifiable metric for assessing the ability of an agency to recover in the event of an actual disaster.

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Use Cases

Automation of DR Testing Procedures

EnsureDR allows for the segmentation of servers into testing groups based on priority and for the full automation of testing on a monthly, weekly or daily basis for each group. The automation of testing eliminates the possibility of human error and reduces the number of man-hours and associated costs incurred when performing manual DR testing exercises.

Thorough DR Testing Capabilities

Unlike replication tools that allow for the manual testing of the failover procedure; EnsureDR will not only test that the fail over of the replication tool actually works but will test the entire infrastructure on the DR site by turning on all servers, databases and applications and testing all the associated network infrastructure, security and physical resources.

Extended DR management across multiple locations

EnsureDR allows for the management and DR testing of servers distributed across multiple physical branches and remote offices. All the DR tests for these locations are managed through a single unified online dashboard and reporting engine.

Documentation – Audit Ready

EnsureDR through its powerful dashboard and reporting engine can produce DR test reports detailing the availability and recoverability of each individual server. These reports are automatically generated and are sent to the DR practitioner via email or produced on-demand. Parameters and metrics included in the report are: the RTA - the actual time for a site to recover in the event of a real disaster (compared to the RTO – desired recovery time), graphs showing how the DR status of the agency has changed over time and detailed test results for each server tested.

Broad Replication Vendor Support

EnsureDR supports the testing of all major DR replication tools: VMware, Zerto, NetApp, EMC – RecoverPoint, DoubleTake and others. The goal of EnsureDR is to provide a vendor agnostic testing environment which provides an objective view of the overall Recovery Readiness of the agency.

Assistance for Regulatory Compliance

EnsureDR through its comprehensive testing capabilities both in its scope and depth can assist the DR practitioner to satisfy the regulatory compliance requirements through the automation of more frequent testing procedures and the generation of testing reports. All this can be achieved in a fraction of the time taken compared to manual test reporting and DR procedures.

Recovery Readiness Score

EnsureDR through its years of experience in the DR industry and after experiencing more than 100 actual major DR events have developed a proprietary algorithm for quantifying the DR status of an agency – the Recovery Readiness Score. Through this single parameter the DR practitioner will be able to monitor the DR readiness of the agency and make adjustments as needed to the DR procedures. This parameter becomes extremely significant when taking into account the fast-changing environment in which government intelligence as well as other agencies are required to operate: changing regulations; new federal procedures and digital services as well as organic growth both internal and external. All these factors contribute to the erosion of the DR resiliency of the agency.

EnsureDR | Contact us today to learn more or request a free trial at www.ensuredr.com

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