



# EnsureDR Recovery Readiness for Financial Institutions

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

The regulatory burden for financial institutions has increased over the last few years with a multitude of business continuity and disaster recovery requirements. The standard set by the FFIEC (Federal Financial Institutions Examinations Council) detailed in their publication - *Business Continuity Examination Workbook*, (first published in February 2015 and updated in November 2019) specifies the requirements for a disaster recovery plan. Other regulators that influence business continuity and disaster recovery compliance and regulations include but are not limited to the Federal Reserve Board, Sarbanes-Oxley, the Basel Accord, the Federal Deposit Insurance Corporation (FDIC) and the Securities Exchange Commission (SEC).

Common to all these regulatory requirements is the need for a robust and resilient disaster recovery program. While, the definition of a “disaster recovery test” may not be well defined and may vary between the various regulatory bodies, what is clear is the requirement for the ability to demonstrate processing capabilities. In other words, the financial institution in question needs to demonstrate the ability to be able to continue the seamless processing of business transactions with no interruptions and downtime.



### Automate Everything

Automate DR drills with management tools for total resilience



### Accelerate Regulation Compliance

Easily 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

In order to achieve this, the Business Continuity Examination Workbook provides guidelines for testing and specifies the following as possible testing activities for a typical DR testing procedure: Validating RPOs and RTOs; demonstrate recoverability at peak volumes; Confirming that systems can support critical business processes; integrating technologies that support critical business activities, including data replication, recovery and off-site storage; Testing backup data to assess integrity and availability.

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 the 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 a financial institution to recover in the event of an actual disaster.



## 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 financial institution 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 financial institution.

### 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 a financial institution – the Recovery Readiness Score. Through this single parameter the DR practitioner will be able to monitor the DR readiness of the financial institution and make adjustments as needed to the DR procedures. This parameter becomes extremely significant when taking into account the fast-changing environment in which financial institutions are required to operate: changing regulations; new business 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 institution.



Contact us today to learn more or request a free trial at [www.ensuredr.com](http://www.ensuredr.com)

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