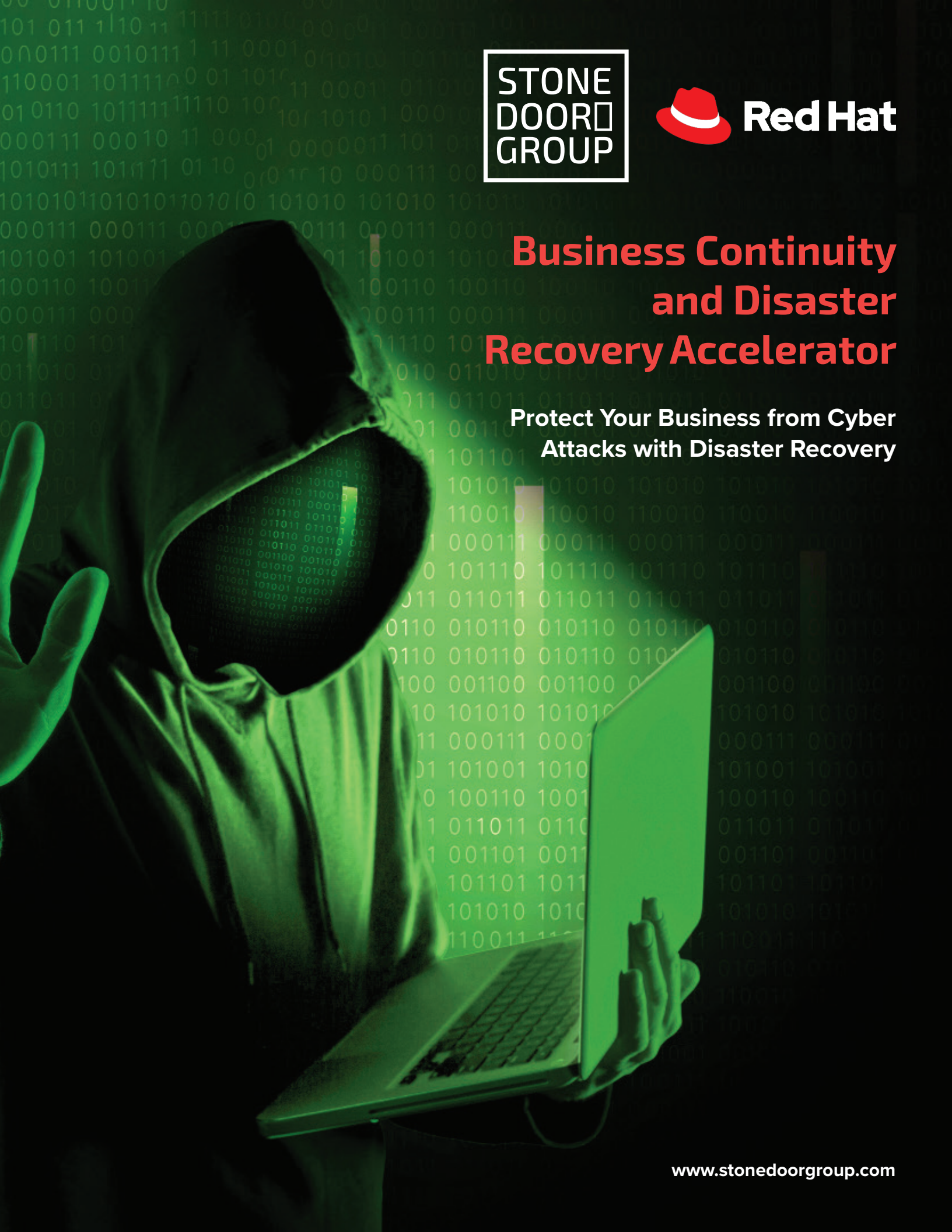
STONE DOOR GROUP
Red Hat
Business Continuity and Disaster Recovery Accelerator
Protect Your Business from Cyber Attacks with Disaster Recovery
www.stonedoorgroup.com

# Business Continuity and Disaster Recovery Accelerator

## Protect Your Business from Cyber Attacks with Disaster Recovery

### Can your Business Survive a Ransomware Attack?

**The depth and sophistication of ransomware attacks on companies lately have many IT organizations scrambling for security solutions. A recent study by Recorded Future — a security firm that tracks ransomware attacks — estimated that last year, there was one ransomware attack every eight minutes, totaling 65,000 successful ransomware attacks[1].**

Most of the focus on IT security threats revolves around monitoring prevention. Backup software company Veritas states every 11 seconds, an organization is hit with an attack[2]. Many IT teams have defensible incident response for simple attacks. Very few have a business continuity and disaster recovery ("BCDR") plan for ransomware and other catastrophic events. For those who do have a BCDR strategy, it consists of a combination of software and manual process to recover servers. These solutions are rarely tested and do not consider full application services recovery[3].

Stone Door Group offers a turnkey software and services offering that delivers all the required automation frameworks and testing to successfully implement BCDR for these unthinkable events.

### **Ansible Automation Platform:** The Simplest Way to Automate your Disaster Recovery Plan

**Our Business Continuity and Disaster Recovery Accelerator combines Red Hat Ansible Automation Platform with Stone Door Group experience to deliver a best practices Business Continuity and Disaster Recovery automation framework. If you are concerned about ransomware or other catastrophic events, we deliver the BDCDR framework, automated failover, and "Game Day" testing.**

### Services Goals

The Business Continuity and Disaster Recovery Accelerator is built on Red Hat Ansible Automation Platform and includes the following professional services:

Review existing Business Continuity and Disaster Recovery Plans

Install and configure Ansible Automation Platform in a highly available multi-datacenter configuration

Transform manual disaster recovery processes into automated Ansible playbooks

Tune Ansible services to comply with customer RTO and RPO objectives

Perform Game Day simulations that test the Ansible failover and failback solution

Provide training and enablement of IT staff to perform disaster recovery procedures

> Our objective is to deliver a complete, practical, and tested DR strategy to enterprises of any size and provide peace of mind to IT leaders that they are prepared for ransomware attacks.
>
> **- Darren Hoch**
>
> *President Stone Door Group*

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## Services Overview

The  services engagement implements a best practices production instance of a Red Hat Ansible Ansible Automation Platform to serve as a basis for future DR automation development.

**Project Duration** - 5 Weeks
**Project Team** - Project Manager, Architecture, Senior Consultant


## Business Outcomes

Upon completion of the Business Continuity and  Disaster Recovery Accelerator, customers can expect the following business outcomes:

- **Minimize financial losses** and reputational damage with a fully tested Business Continuity and Disaster Recovery Plan (BCP/DRP) that ensures your organization can continue to operate in the event of a cybersecurity event.
- **Reduce Recovery** Time Objective (“RTO”) to 1 hour.
- **Eliminate the need for manual intervention** during failovers and failbacks, reducing labor costs and improving the speed of recovery by **90%** or more.

## Customer Use Case - National Retail Furniture Chain

Stone Door Group worked with a national furniture retail company who had identified both ransomware and major weather events as their greatest risks to business continuity. The customer had no disaster recovery solutions and store recovery time of  4 weeks.

### Technical Implementation Services

- Migrated all store servers from CentOS to Red Hat Enterprise Linux
- Implemented a common Identity and Access (“IAM”) solution using Red Hat Identity Manager
- Developed an Azure HA Ansible control plane
- Developed disaster recovery for stores to failover and fail back to the cloud

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## Engagement Business Outcomes

Significant reduction of ransomware risk through standardization

**99%** Improvement in Recovery Time Objective (RTO) - 4 Days to 1 Hour

**99%** Improvement in Recovery Point Objective (RPO) - 4 Days to 4 Hours

## About Stone Door Group

Stone Door Group is a Red Hat Premier Reseller that specializes in the implementation of Red Hat enterprise solutions. We retain a large bench of certified consultants with 500,000 hours of Red Hat consulting experience who are ready to assist in delivery of the most pressing customer IT initiatives.

**To learn more about all Stone Door Group Red Hat Solutions** https://www.stonedoorgroup.com/solutions

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## References

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3. Factioninc.com: 6 Mistakes You Should Avoid In Making Your DR Strategy - https://www.factioninc.com/wp-content/uploads/2018/03/DR-Mistakes-eBook.pdf

## About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers develop cloud-native applications, integrate existing and new IT applications, and automate and manage complex environments. A trusted adviser to the Fortune 500, Red Hat provides award-winning support, training, and consulting services that bring the benefits of open innovation to any industry. Red Hat is a connective hub in a global network of enterprises, partners, and communities, helping organizations grow, transform, and prepare for the digital future.

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