# Ransomware Recovery on AWS

## Challenge
**Ransomware has gone corporate**

Safeguarding critical data and implementing a path to recovery in the event of a compromise should be high on any company's Business Continuity and Disaster Recovery (BC/DR) plan. It is no longer enough to just account for a physical system failure, but companies must now account for cyber-attacks that handcuff company data. A ransomware attack can have a significant negative impact to an organization causing business downtime, productivity loss, financial loss, fines, and a negative hit to brand reputation. In addition to the internal impact, there can be considerable impact to the public if the organization provides services that the public depends on, such as transportation or energy. Many companies have mitigation techniques to account for a system going down or a power outage, but not all companies have a plan to recover if their data is encrypted and inaccessible.

## The Lemongrass Solution
**Build cyberattack resilience for business-critical systems on AWS**

Lemongrass helps companies defend their most precious asset: data. If a company's data is compromised by a ransomware attack, Lemongrass can help with a quick, painless recovery. Lemongrass employs a robust recovery solution using CloudEndure by AWS as part of an overall BC/DR plan. The solution protects against traditional disaster scenarios, such as power outages, but also allows rollback to a point in time before a ransomware attack occurred, ensuring a quick return to business operations, with minimal data loss.

## Benefits

**Ransomware recovery by Lemongrass provides quick recovery of business operations**

**Flexible**
Replicate data from any source into the AWS Cloud, even from a customer owned datacenter

**Reliable**
Robust, predictable continuous replication, allowing for an RPO of seconds and RTO of minutes

**Secure**
Protection against ransomware, data corruption, and human error

**Automated**
Push button, point-in-time recovery capabilities, with minimal skill set requirements

## Why Lemongrass

Lemongrass is experienced in building and managing enterprise workloads on AWS. Using best of breed technology to optimize business continuity, costs, and security, Lemongrass seamlessly migrates workloads to AWS and, if requested, manages these systems in the Cloud delivering the expected agility while maintaining enterprise-grade SLAs.

## CloudEndure Disaster and Ransomware Recovery

CloudEndure is an AWS service providing robust recovery capabilities against component failures and ransomware attacks. It is non-disruptive to the production environment while replicating data to a secondary site without the need for the EC2 instances to be up and running. The solution supports a RPO of seconds and an RTO of minutes and allows a retention period of up to 90 days. The retention capability enables the systems to be rolled back to a point in time before any data corruption or cyberattack has occurred, permitting a seamless recovery.

CloudEndure Disaster Recovery **protects** your systems and data and **restores** to a **point in time** before the attack

## About Lemongrass

Lemongrass is a software-enabled services provider focused on delivering superior, highly automated Managed Services to Enterprise customers. With a portfolio of services designed to deliver the desired outcomes from an SAP transformation, Lemongrass engineers strategies and services that enable the economics, scale and agility of hyperscale computing while unlocking business innovation and controlling the risks and uncertainties. Our customers span multiple verticals and geographies across the Americas, EMEA and APAC. We partner with SAP, AWS, Microsoft, Google and other global technology leaders.