

# Know how to protect your data when downtime is on the rise

Stay ahead of the curve with snapshots to quickly recover from data loss, user error, malicious attacks, and natural disasters.

## 59%

of Fortune 500 companies experience 1.6 hours of downtime per week, or **more than \$46 million per year**<sup>i</sup>

### Business impacts include:

- ✗ Lost transaction revenue
- ✗ Unexpected wage increases
- ✗ Inventory losses
- ✗ Additional labor to assess data loss
- ✗ Marketing costs
- ✗ Bank fees

Maximum downtime costs have risen

## 81%

since 2010<sup>ii</sup>

The average total cost per minute of an unplanned outage:

2010

**\$5,617**  
per minute<sup>iii</sup>

2013

**\$7,908**  
per minute<sup>iv</sup>

2016

**\$8,851**  
per minute<sup>v</sup>

A backup and recovery solution offers an additional level of security on Amazon Web Services (AWS). Snapshots get you there quickly.



Snapshots capture the state of a volume of storage, a database, or a virtual machine at a given point in time. By only recording the disk-level changes made to the disk since the last snapshot, businesses can back up data using a fraction of the required resources.



A block-level structure allows data to be recovered instantly.



Snapshots allow more frequent backups than traditional backup solutions.



Snapshots use minimal data, saving storage, computation, and networking costs.

# N2WS enhances AWS native capabilities



N2WS is a fully-featured, enterprise-level data protection management solution specifically developed for the AWS environment for seamless integration. Services covered by N2WS include Amazon Elastic Compute Cloud (Amazon EC2), Amazon Elastic Block Store (Amazon EBS), Amazon Relational Database Service (Amazon RDS), Amazon Aurora, Amazon Redshift, and Amazon DynamoDB.

## AWS backup

N2WS leverages the native tools that AWS provides for backup, including snapshots and AWS APIs.



## AWS captures your environment

Amazon Elastic Block Store (Amazon EBS) and Amazon Relational Database Service (Amazon RDS) snapshots capture a user's AWS environment.



## AWS compliance + security

N2WS adheres to the strict compliance and security standards of AWS.

## How N2WS protects data on AWS:

N2WS allows you to automate and control backup and recovery of your entire, multi-region AWS environment using snapshot technologies.

## Advantages of snapshot technologies



### Speedy recovery

Incremental backups every 5 minutes  
Full data recovery in 30 seconds



### Automation & scheduling

Easily set up automated policies for 24/7 access to your data  
Automatically schedule backups of Amazon EC2 instances as often as you like



### Rapid recovery for multiple accounts and regions

Leverage native AWS technologies to utilize block-level and incremental snapshots of critical infrastructure across multiple AWS accounts and regions

## Learn more about N2WS on AWS

Visit our website: [www.N2WS.com](http://www.N2WS.com)

<sup>1</sup>Assessing the financial impact of downtime

<sup>2, 3, 4, 5</sup>Source: Cost of Data Center Outages report (Ponemon Institute, January 2016).

