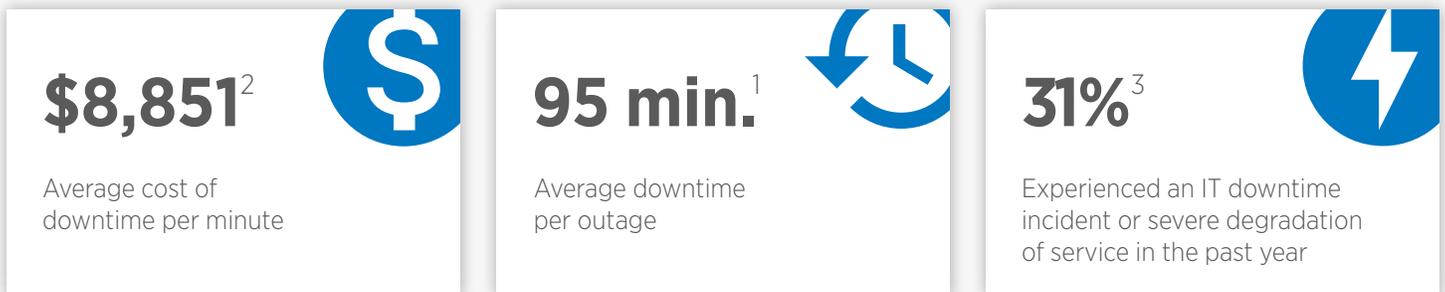


Optimize your data protection with cloud-based disaster recovery

Compare the advantages of secondary data management on the cloud vs. on-premises

The “cost” of downtime

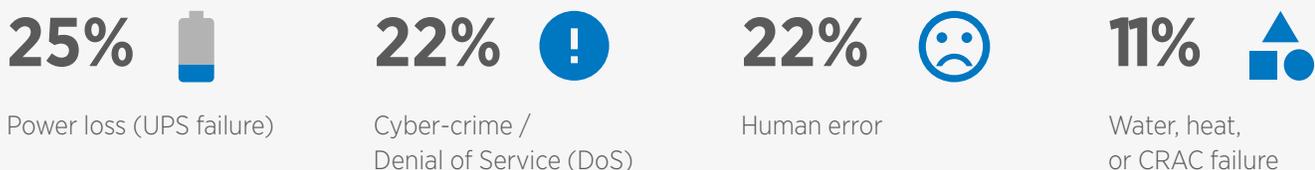
92% of IT executives report increased concern over outages vs. the previous 12-month period¹



“ Our recovery time and recovery point objectives are 60 minutes. Using NetApp™ Cloud Volumes ONTAP™ from AWS Marketplace, we have achieved recovery times in testing that are almost instantaneous, and with as little as 10 minutes of data loss. ”

Stan Przychodzki, Director, AWS Enablement, D2L

Top causes for unplanned downtime or data loss⁴



“ Snapshot scheduling enables us to store the data at a different location and power up the server from anywhere. ”

Chirag Patel, Senior Cloud Infrastructure Engineer, [Rohit Group of Companies](#)



The case for using the cloud for disaster recovery

90% of organizations plan to use cloud services as part of their data protection strategy within the next 12 months⁵



Benefits of the cloud for disaster recovery (DR):

- ▶ Flexible remote deployment
- ▶ Simplified, agile deployment
- ▶ No added costs for a second facility
- ▶ Reduced time and effort of human resources
- ▶ No ongoing hardware refresh costs
- ▶ Simplified DR testing

“ In the past, I would have had to purchase 3 PB to 5 PB of spinning disk to provide a service that we hope never to use. We couldn't afford to offer this level of protection without NetApp Cloud Volumes ONTAP. ”

Eric Tuley, Director of Cloud Platform Operations, [Concerto Cloud Services](#)



NetApp Cloud Volumes ONTAP can help

NetApp Cloud Volumes ONTAP data management software, available for Amazon Web Services (AWS) and Microsoft Azure clouds, provides a scalable, seamless, and affordable way to protect data and ensure it is recoverable and accessible in case of disaster.

Cloud Volumes ONTAP can help you:

- ▶ Spin up a cost-effective DR solution quickly
- ▶ Achieve rapid and efficient failover and failback
- ▶ Leverage secondary data to drive new revenue
- ▶ Maintain long-term data copies to comply with regulations
- ▶ Easily manage and test your DR environment

[Learn more](#)

1. Uptime Institute, [Hybrid Resiliency Assessment](#)
2. Ponemon Institute, [Cost of Data Center Outages](#) (June 2016)
3. Uptime Institute, [2018 Data Center Industry Survey Results](#)
4. Uptime Institute, [Uptime Institute data shows outages are common, costly, and preventable](#) (June 2018)
5. IDC, [Worldwide Data Protection as a Service Forecast, 2018-2022: Initial Market Sizing](#) (July 2018)