

Cloud Infrastructure Misconfiguration is Entirely Preventable

A look at some of the most common kinds of cloud infrastructure misconfiguration and the resulting data breaches.

Disabling Encryption:

Configuration drift can occur if databases or storage buckets have their encryption settings disabled, accidentally or maliciously.

77
MILLION

PlayStation Network accounts hacked¹

\$171
MILLION

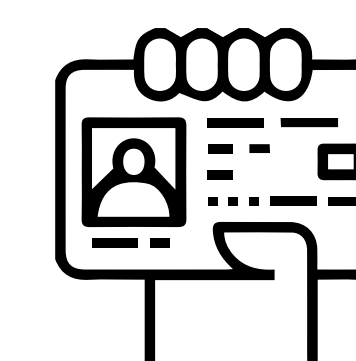
estimated loss, while the site was down for a month

Failure to Audit Resources:

When a company acquires a new company or new assets, sometimes it is easy to forget to audit the resources for security compliance.

119,000
SCANNED DOCUMENTS

in FedEx breach, including passports and driver's licenses²

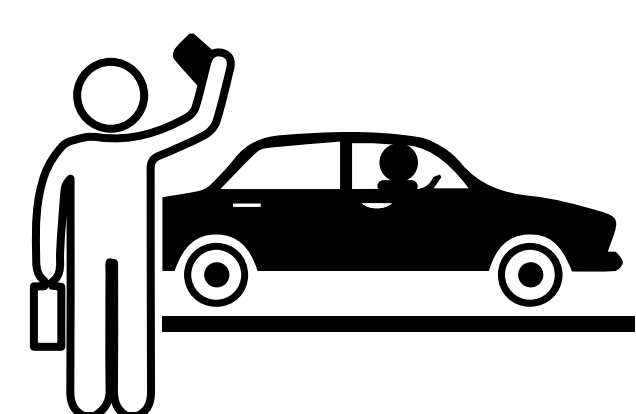


Access Restrictions:

Unsecured AWS S3 storage buckets are perhaps the most frequently reported resources left unsecured.

57
MILLION

customer and driver information breached via Uber's private GitHub account and AWS credentials³



Permission Controls:

Allowing users too much access opens the organization to risks.



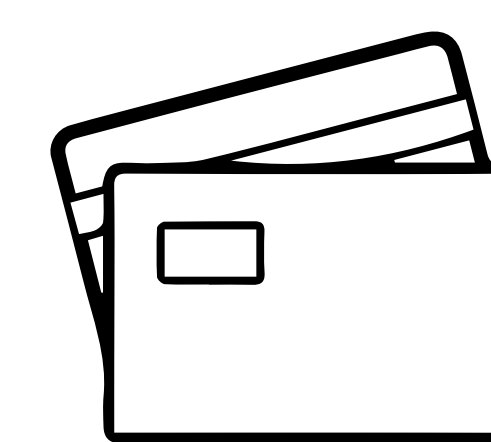
<http://downloadme.com>

Accenture accidentally configured four AWS S3 buckets to be accessible to the public⁴

Policy Compliance:

Being in the cloud opens organizations to a new set of regulatory requirements. Many companies may achieve compliance once, but don't maintain it.

\$19.5
MILLION



settlement against Home Depot for the breach of debit and credit card information belonging to millions of customers⁵

To learn more about cloud infrastructure misconfiguration, download the complete "Cloud Infrastructure Misconfiguration" ebook or visit www.fugue.co.

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Learn more at www.fugue.co

REFERENCES:

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