



Cloud Revolution

“I’m seeing a lot of cloud configuration errors in the real world—and it’s scaring the hell out of me.”¹
— David Linthicum, Infoworld

CONSEQUENCES OF MISCONFIGURATION



LA-based organization accidentally exposed approximately 3.5 million records including personally identifiable information (PII).²



FedEx breach exposed 119,000 scanned documents due to a failure to audit the cloud assets of an acquired company.³



Deep Root Analytics left a cloud storage server unsecure, exposing the information of 198 million US voters.⁴

HUMAN FACTOR

95%

OF CLOUD SECURITY INCIDENTS
Will be the customer’s fault by 2020 according to Gartner.⁵

WHAT IS THE VALUE OF AUTOMATED REMEDIATION?

80%

KEEPING DATA SAFE



79%

ENSURING COMPLIANCE



75%

IMPROVING EFFICIENCY



THREE TYPES OF AUTOMATED REMEDIATION



1. ASSISTIVE REMEDIATION:

A tool scans and identifies potential misconfiguration problems to then remediate them manually.



2. STRUCTURED RESPONSE:

A scanning tool provides automation functionality to remediate some misconfiguration issues.



3. BASELINE ENFORCEMENT:

A comprehensive solution in which all unauthorized changes are identified and restored to a known-good baseline.

To learn more, download the "Comprehensive Guide to Preventing Cloud Misconfiguration" ebook or visit www.fugue.co

FOOTNOTES:
1. <https://www.infoworld.com/article/3310841/cloud-security/cloud-misconfiguration-the-security-threat-too-often-overlooked.html>
2. <https://www.trendmicro.com/vinfo/us/security/news/virtualization-and-cloud/la-county-non-profit-leaks-3-5-million-pii-via-misconfigured-amazon-s3>
3. <https://securityaffairs.co/wordpress/69152/data-breach/fedex-company-data-leak.html>
4. <https://www.wired.com/story/voter-records-exposed-database/>
5. <https://www.techrepublic.com/article/human-error-led-to-424-increase-in-misconfigured-cloud-servers-prompting-hacks/>
6. <https://www.fugue.co/resources/infographic-cloud-infrastructure-misconfiguration-report-2018>