

# Tripwire Configuration Manager

Effective protection for your cloud-based assets

## Highlights

- » Immediate assessment of cloud account configurations against the industry-standard CIS Benchmarks
- » Automated enforcement to minimize effort to repair misconfigurations
- » Prioritization of non-compliant configurations using risk scoring
- » Multi-cloud support to provide a single pane of glass view of cloud configurations
- » Platform architecture allows existing Tripwire on-premise products to share data with Tripwire Configuration Manager
- » Easy start can use the existing cloud configuration as a baseline to begin securing a network in five minutes
- » Also available as a managed service

Tripwire® Configuration Manager gives you the ability to monitor the configuration of Amazon Web Services (AWS) and Microsoft Azure-based assets from a single console. Rather than providing misconfiguration alerts to over-burdened security staff, Tripwire Configuration Manager gives you the option to have your configuration automatically enforced. As a second time-saving measure, Tripwire Configuration Manager provides a risk score to prioritize all misconfigurations so that security staff can focus on the most impactful problems first.

## Configuration Assessment

As companies rush to migrate to the cloud, there is an influx of novice users that are misconfiguring critical security settings. Verizon's 2020 *Data Breach Investigations Report*<sup>1</sup> lists misconfigurations as one of the leading causes of breaches across nearly all industries, including retail, financial and health-care<sup>1</sup>. Using automated search methods, attackers can quickly find these security gaps in an organization.

Tripwire Configuration Manager provides assessment of security settings compared with industry standards, specifically the Center for Internet Security's CIS Benchmarks. You are immediately alerted to non-compliant settings that create dangerous security vulnerabilities.

## Enforcement

Tripwire Configuration Manager provides the option of enforcing your security decisions. If a user changes a configuration in a way that takes it out of compliance, Tripwire Configuration Manager will automatically reset it to its previous, secure state. This reduces the time a configuration error is available

for attack, and it offloads the tedious work of manually resetting configurations, freeing security personnel for more meaningful tasks.

## Risk Scoring

The workload on security personnel is high and growing. Resources must be allocated to problems that represent the highest risk for the company. To aid in this prioritization effort, Tripwire Configuration Manager applies a risk score to any non-compliant configuration. This scoring is then used to create a prioritized list of problems for security staff to address.

## Multi-Cloud

According to a recent survey conducted by RightScale, 84 percent of enterprises employ a multi-cloud strategy<sup>2</sup>, resulting in a negative impact on security staff. Analysts must be familiar with the native tools used by each cloud service provider, and a separate console is required to manage each CSP environment. As the complexity of the environment increases, the operators' ability to find and remediate problems declines.

Tripwire Configuration Manager provides a single console to manage the

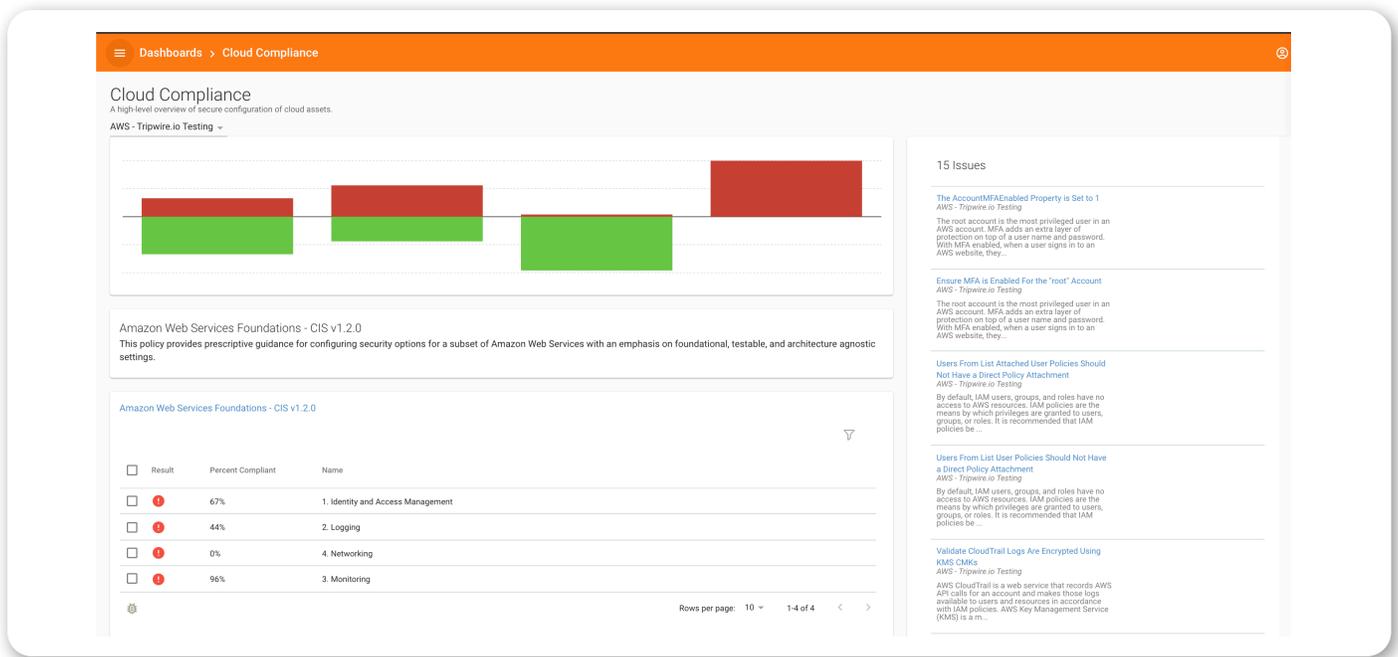


Fig 1 Tripwire Configuration Manager reviews configurations, compares them to a selected CIS Benchmark, then provides a summary of the errors found.

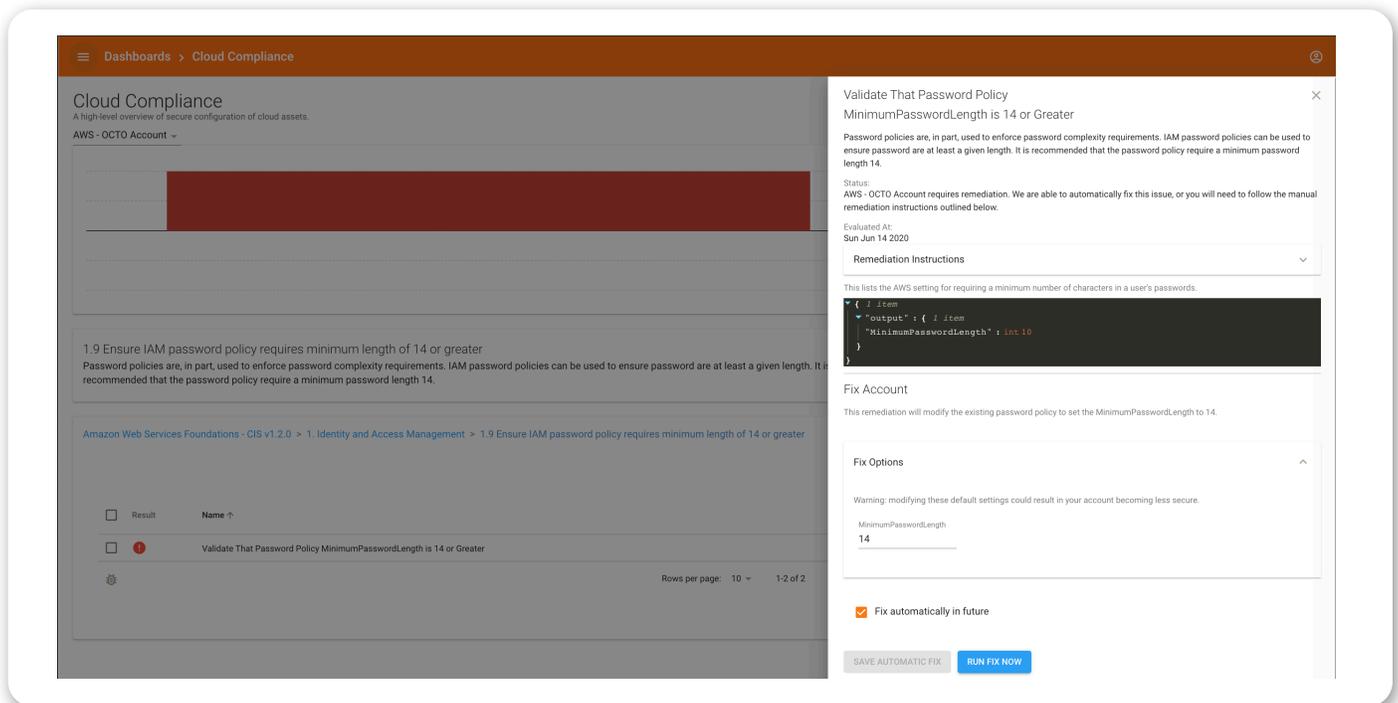


Fig 2 If the operator probes into any problem listed, a detailed description of the misconfiguration is provided. The user is also given the option to trigger automated enforcement at this stage.

configuration of both AWS and Azure environments. It integrates monitored cloud assets for multiple CSP networks into a single console.

## Tripwire's Integrated Platform

Tripwire Configuration Manager works as part of a larger platform. Data provided by Tripwire IP360™ vulnerability scanning and the Tripwire Enterprise file integrity monitoring and compliance systems can feed data into a common reporting engine. This approach provides a single pane of glass for operators monitoring a large number of controls for both on-premise and cloud assets.

The addition of Tripwire Configuration Manager to this platform enables existing Tripwire customers to add cloud asset monitoring to their existing on-prem controls. Future modules will be added to extend the platform's functionality.

## Easy Start

Changing to a new control can be an extremely time-consuming effort, for example, new policies must be created and tested. Tripwire Configuration Manager simplifies this process. The user can log into their account and instruct Tripwire Configuration Manager to accept the existing configuration as a baseline for all change monitoring. Within five minutes, the system can begin enforcement operations without the need to hold credentials or set up roles.

## Managed Service

As an additional option, Tripwire Configuration Manager is also offered as a Tripwire ExpertOps™ managed service. Tripwire experts manage your tools so that your employees are free to perform other tasks.

## Schedule Your Demo Today

Let us take you through a demo of Tripwire security and compliance solutions and answer any of your questions. Visit [tripwire.com/contact/request-demo](https://tripwire.com/contact/request-demo)

## Sources

- 1 "2020 Data Breach Investigations Report." Verizon Enterprise, 2020, [enterprise.verizon.com/resources/reports/dbir/](https://enterprise.verizon.com/resources/reports/dbir/).
- 2 "Cloud Computing Trends: 2019 State of the Cloud Survey." Flexera Blog, 8 Apr. 2020, [www.flexera.com/blog/cloud/2019/02/cloud-computing-trends-2019-state-of-the-cloud-survey/](https://www.flexera.com/blog/cloud/2019/02/cloud-computing-trends-2019-state-of-the-cloud-survey/).



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