

# Accelerate Well-Architected reviews & boost security & compliance of cloud infrastructure



## Challenges

### Understanding workload health & resolving high risk issues

As organizations rapidly take advantage of the many benefits Amazon Web Services (AWS) has to offer, a growing trend of decentralization and shadow IT has resulted. This has left security, compliance, and operations teams with an even greater need for comprehensive visibility of all the moving parts across their cloud infrastructure. Moreover, understanding their overall risk posture for the data, applications and workloads they are responsible for and to see how well-aligned they are to the AWS Well-Architected framework. These organizations must have comprehensive visibility across their infrastructure, empirical data of the risk posture of their workloads and actionable intelligence to know whether their cloud infrastructure is secure, compliant and aligned with engineering best practices, while continuing to scale for their cloud.



## The Trend Micro Solution

### Continuous Well-Architected Alignment for Cloud Infrastructure

Trend Micro Cloud One™ – Conformity provides central visibility of an organization's real-time risk status by scanning workloads against 600 AWS best practice checks aligned to the five pillars of the AWS Well-Architected Framework: security, cost optimization, performance efficiency, operational efficiency and reliability. The hundreds of checks evaluate how well an architecture is aligned to the AWS Well-Architected Framework to ensure secure, high-performing and efficient cloud infrastructure. Conformity integrates into the Well-Architected Tool to further accelerate risk assessments and provide a detailed roadmap on which misconfigurations and vulnerabilities should be prioritized.

## Benefits

Assurance that cloud workloads are configured correctly and in accordance to industry best practices and compliance standards



### Automate & accelerate Well-Architected Reviews

Resource discovery time is drastically sped up through Conformity's data collection of how well-aligned workloads are to the AWS Well-Architected Framework. This baseline review of workload risk posture allows customers to sprint toward specific organizational goals.



### Improve security & governance posture

Quickly remediate critical misconfigurations that have been identified through auto-remediation or via detailed remediation steps. Moreover, continuously audit in real-time to improve the cloud risk posture.



### Out-of-the box reporting

Extensive reporting allows users to create and share reports on any filter, AWS service, rule type, date, and more, that fulfill governance or audit requests. As well as a detailed AWS Well-Architected Review report.



### Build in the cloud with confidence

Enable a culture of security and DevOps with hundreds of best practice guardrails, infrastructure-as-code template scanning, powerful APIs & communication channels that integrate into the CI/CD pipeline.

## Trend Micro on AWS

Conformity provides organizations with a real-time view of their global cloud infrastructure on AWS and how well aligned it is to the AWS Well-Architected Framework. In addition, the solution's integration with the AWS Well-architected tool further expedites well-architected reviews, and numerous compliance rulesets enables technical teams to detect in near real time and easily remediate any violation of security, compliance standards, or engineering best practices. AWS offers hundreds of technical services that create opportunities for application teams to build better software. In turn, this creates opportunities to harden AWS Cloud deployments and mitigation failures with continuous security, compliance and governance for cloud infrastructure.

### Features



#### Automatic resource discovery of AWS workloads

Instead of manually reviewing accounts to identify AWS resources and then manually trying to figure out where there are risks and how to address them, Conformity automatically sends data straight to the Well-Architected Tool via the Well-Architected Tool API integration. Reducing the manual process from weeks to minutes. Conformity's step-by-step remediation guides make it easy to quickly address the high-risk misconfigurations.



#### Instant validation that workloads are leveraging the Well-Architected tool

Check empirically if the Well-Architected tool is being used by running Conformity's new Well-Architected Check via the latest AWS integrations. Automatically find out whether the Well-Architected tool is being used and which workloads have the highest number of risks, details on which resources have violations. All of this data can be added to produce the rich AWS Well-Architected Review report.

### Case Study: Edrans



#### Challenges

Edrans often delivers Well-Architected Reviews for their customers, which looks across a client's entire infrastructure. These security assessments can be a cumbersome, manual data collecting effort that takes weeks to produce.



#### Solution

Edrans leverages Conformity to perform cloud assessments for its customers. Conformity makes it easy for Edrans to generate data-rich reports that provide its clients with full visibility into where they are meeting security and compliance principles, and where there are concerns.



#### Results

Automatic workload data collection, analysis, and reporting, shaves off weeks of what used to be manual to perform AWS Well-Architected reviews. Allowing Edrans to provide customers a roadmap to continue to innovate in the cloud without sacrificing security & compliance.

## Get started with Trend Micro solutions on AWS

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