

# Tripwire Foundational Controls for The Hybrid Cloud

Seamless security and compliance for physical, virtual, private and public cloud environments

## HIGHLIGHTS

- » Extend foundational security and compliance controls into the cloud
- » Seamless support for hybrid on- and off-premises environments
- » Unified reporting and management
- » Elasticity of your controls to match the elasticity of the cloud

Tripwire's foundational controls support multiple private and public cloud infrastructures, including:



Organizations continue to be attracted by the financial and technological benefits of cloud computing, and there has been a significant acceleration in the adoption of this computing platform over the last few years. According to Cisco, cloud workloads are expected to grow 172% in the next four years.

However, assets and data deployed in the cloud are not secure by default. The shared responsibility model clearly articulated by cloud vendors means that while the cloud provider will take responsibility for the cloud infrastructure itself, customers are responsible for the security, compliance and operational controls of their own applications and data. In addition, users will likely face several challenges when trying to migrate traditional controls into the cloud, such as:

- » Point solutions that work on-premises or in the cloud, but not both
- » On-premises tools that don't support common cloud policies, platforms and technologies
- » Gaps in monitoring, and data synchronization issues as elastic assets dynamically appear and disappear
- » Deploying and administering multiple management consoles across multiple environments
- » Lack of specialized technical cloud expertise to properly secure cloud assets

What that means is that as you move into the cloud, you need to ensure the same level of security, compliance and operational controls there as you do for your on-premises assets.

## Extend Tripwire Foundational Controls to the Cloud

Tripwire's foundational controls enable effective and efficient security, compliance and IT operations across physical, virtual, private and public cloud hybrid environments. These advanced controls provide the same robust, industry-leading Tripwire capabilities as used on-premises for file integrity monitoring, configuration management, asset discovery, vulnerability management and log collection. Tripwire addresses the unique needs of hybrid cloud environments with unified management and support for elastic monitoring, cloud platforms and policies, and container assessment.

Our security and compliance controls help you:

- » Manage your hybrid infrastructure with the same console, user interface, and compliance reporting
- » Take advantage of the elasticity of the cloud by automatically baselining and monitoring newly deployed nodes, off-boarding and preserving data from decommissioned workloads, etc.

Feature	Benefit	Release
Docker discovery and container enumeration	Visibility for and information on Docker usage across the enterprise	Tripwire IP360™ ASPL: 2017 Q1
Docker CIS policy assessment	Measure Docker instances against the CIS policy	Tripwire Enterprise: 2017 Q1
Amazon Linux vulnerability coverage	Scan Amazon Linux for vulnerabilities	Tripwire IP360 ASPL: 2017 Q2
Vulnerability scanning of running containers	Identify vulnerabilities in running Docker containers	Tripwire IP360 ASPL: 2017 Q2
Cloud Management Assessor	Assess your AWS accounts against the CIS policy for AWS, ensuring secure configuration of your cloud provider	Tripwire Enterprise: 2017 Q2
DevOps integration for Tripwire® Enterprise	Automate the deployment of Tripwire Enterprise agents using Puppet, Chef and Ansible	Tripwire Enterprise: 2017 Q2
Amazon Linux support for Tripwire Axon®	Allows customers to monitor Amazon Linux images for change, integrity and policy compliance	Tripwire Enterprise: 2017 Q2
Vulnerability Scanning of Offline Containers	Identify vulnerabilities in offline Docker containers so you don't spin up vulnerable systems	Tripwire IP360 ASPL: 2017 Q3
Elastic pricing purchasing option	Purchase Tripwire Enterprise on an hourly basis and change it from a capital expense to an operational expense	Tripwire Enterprise: 2017 Q3
Cloud Management Assessor 2.0	Assess your Azure accounts against hardening polices, ensuring secure configuration of your cloud provider	Tripwire Enterprise: 2017 Q4
Cloud Management Assessor 3.0	Assess your Google Cloud Platform accounts against hardening polices, ensuring secure configuration of your cloud provider	Tripwire Enterprise: 2018 Q1

reporting on over 1000 policy/platform combinations, including platform support for Amazon Linux, and CIS policies for Docker containers

- » Dynamically on-board and off-board the monitoring of elastic cloud assets and preserve data from decommissioned nodes so that you have continuous protection and a permanent audit trail
- » Monitor your AWS, Azure and Google accounts for changes that could result in breaches, non-compliance, downtime or surcharges
- » Integrate directly with the Amazon Web Services Console for automatic tagging of new assets
- » Use Tripwire Cloud Deployment Services to provide the expertise to implement security solutions for the cloud
- » Deploy the management console in the cloud to take further advantage of cloud efficiencies, or in your datacenter

## Vulnerability Management

- » Advanced scoring for over 100,000 vulnerabilities to prioritize remediation on greatest risks
- » Discover over 2,500 operating systems, including Windows and Linux variants like Amazon Linux
- » Scan running and offline Linux Docker containers for vulnerabilities
- » Deploy scanning and management components using Amazon Web Services and Microsoft Azure images built for the cloud, or on-premises using physical and virtual appliances

### Recent enhancements to cloud-oriented policies, platforms and technologies

- » Support unique cloud capabilities including Amazon Web Services Linux and Docker containers
- » Reduce staffing needs by utilizing Tripwire expertise to help implement security solutions for the cloud

and public cloud hybrid environments. These products also include enhanced capabilities and are supported by specific services for operating in cloud environments.

## Solution Detail

You can use the same Tripwire products to provide the best-in-class foundational controls across physical, virtual, private

## Security Configuration Management

- » File integrity monitoring, change monitoring, configuration management and compliance



Tripwire is a leading provider of security, compliance and IT operations solutions for enterprises, industrial organizations, service providers and government agencies. Tripwire solutions are based on high-fidelity asset visibility and deep endpoint intelligence combined with business context; together these solutions integrate and automate security and IT operations. Tripwire's portfolio of enterprise-class solutions includes configuration and policy management, file integrity monitoring, vulnerability management, log management, and reporting and analytics. **Learn more at [tripwire.com](http://tripwire.com)**

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