Tenable.io
Modern vulnerability management

Key benefits

- **Deploy within minutes** - Leverage Frictionless Assessment to setup in seconds and receive actionable results in minutes. No scanner or agent installs required.
- **Gain continuous visibility** - Continuously assess the cloud as new assets are discovered or as new vulnerabilities are disclosed. No need to update plugin feeds.
- **Get broadest coverage** - Take advantage of the industry's most extensive Common Vulnerabilities and Exposures (CVE) coverage with 62K+ vulnerabilities assessed and 157,000+ plugins.
- **Predict what matters** - Combining vulnerability data, threat intelligence and data science for an easy-to-understand risk score so you know what to fix first.
- **Maximize ROI** - Eliminate double or triple counting of assets that have multiple internet protocol (IP) addresses with the industry's first asset-based elastic licensing model.

Product overview

Powered by Nessus technology and delivered via the cloud, Tenable.io is built on the AWS platform and provides the industry's most comprehensive vulnerability management solution with the ability to predict which security issues to remediate first. Frictionless Assessment in Tenable.io enables you to continuously discover and assess Elastic Compute Cloud (EC2) instances for vulnerabilities in AWS without ever having to configure a scan, manage credentials, or install agents. Quickly detect and respond to security issues as new vulnerabilities are disclosed and as your AWS environment changes.

Product features

**Continuous visibility on short-lived cloud assets**
Frictionless Assessment in Tenable.io leverages native AWS tools to continuously discover and assess EC2 instances for vulnerabilities without ever having to configure a scan, manage credentials, or install agents.

**Customer-friendly elastic asset licensing**
Tenable.io offers an asset-based licensing model that consumes just a single license unit per asset, even if the asset has multiple IP addresses. The solution also continues scan when license counts are temporarily exceeded and automatically recovers licenses for rarely scanned assets or single bursts.

**Comprehensive assessment options**
Tenable.io leverages Nessus Sensors, a mix of active scanners, agents, and passive network monitoring, to help maximize scan coverage across your infrastructure. This mix of data sensor types helps you include hard-to-scan assets in your vulnerability management program. This includes transient devices analyzed by agents, and sensitive systems like industrial control systems, which can be monitored through passive traffic listening.

**Accurate asset-based exposure tracking**
Tenable.io provides the ability to track assets and potential compromises with high accuracy. An advanced identification algorithm attributes to identify and track changes to assets, regardless of how they roam or how long they last. These include Tenable ID, NetBIOS name, media access control (MAC) address, and others.
Product features (cont.)

Vulnerability prioritization based on actual risk
Tenable.io prioritizes security issues based on the probability that it will be leveraged in a security event by combining over 150 data sources. These sources include Tenable and third-party threat intelligence. Machine learning is used to identify issues with the highest risk profiles to help you act on resolutions that matter most.

Simplified vulnerability management
Through a modern interface with intuitive dashboard visualizations, Tenable.io makes common tasks, such as configuring scans, running an assessment, and analyzing results, easier. Pre-defined scan templates and configuration audit checks that follow best practices frameworks, such as Center for Internet Security (CIS) and Defense Information Systems Agency Security Technical Implementation Guides (DISA STIG), help you enhance protection. Customize your reporting and analysis with pre-configured, out-of-the-box dashboards or quickly build your own from a blank canvas to meet organizational needs.

Automated cloud visibility
Tenable.io enables continuous visibility and assessments into public cloud environments. Cloud Connectors automatically identify assets in Amazon Web Services (AWS) and monitor their status in real-time. Provide an additional layer of security with Nessus Sensors to detect common web exploits, malware, and configuration and compliance issues.

Pre-build integrations and a documented API and integrated software development kit (SDK)
Tenable.io has pre-built integrations available for popular credential management, security and information event management (SIEM), ticketing systems, and other complementary solutions. This helps you streamline the architecture of your vulnerability management process. Additionally, you can easily create your own integrations to Tenable.io by leveraging a fully documented application programming interface (API) set and SDK at no extra cost.

PCI-Certified approved scanning vendor
Tenable.io meets the Payment Card Industry Data Security Standard (PCI DSS) and is a PCI Approved Scanning Vendor (ASV).

Differentiators

• Secure AWS Assets with ease - Frictionless Assessment uses cloud-native tools to deliver continuous and near real-time visibility into your AWS assets without the need to install scanners or agents.
• See Everything - With coverage for more than 62K vulnerabilities and 157,000+ plugins, Tenable has the industry’s most extensive CVE and security configuration support to help you understand all of your vulnerabilities.
• Prioritize What Matters - Easy to understand risk scores help to quickly assess risk and identify vulnerabilities with the highest impact to your organization.
How it works

Tenable.io provides an accurate view of assets and issues across your environment to help you prioritize remediation based on actual cyber risks.
How it works (continued…)

Data Points

#1
In CVE coverage
62K
Vulnerabilities assessed with 157,000+ plugins

#1
In zero day research
145
Vulnerabilities disclosed since January 2020

#1
In vulnerability management
<24 hrs
Median time for coverage of high-profile issues

Additional Resources

- Tenable.io Datasheet
- Frictionless Assessment Solution Brief
- Frictionless Assessment Video
- Netskope Case Study
What are customers are saying

Netskope Trusts Tenable to Drive Down Its Cyber Exposure

**Challenge**
Netskope wanted to upgrade its legacy vulnerability management with cyber exposure in order to achieve more actionable business insights.

**Solution**
The company turned to Tenable to gather live information about vulnerabilities, malware, misconfigurations, and policy violations throughout the organization.

**Benefits**
- Gained a unified solution that provides 360-degree cloud visibility and data protection
- Acquired the breathing room necessary to make more informed decisions about cyber risk
- Equipped security team with means to address the most critical and highly exploitable vulnerabilities first

"[Tenable]... makes my life easier by delivering custom dashboards for the different teams and making them accountable to remediate and validate their respective issues."

Rahul Gupta, Cloud Information Security Manager, Netskope

Solution available in [AWS Marketplace](https://aws.amazon.com/marketplace/)