

Radware Security for Azure

Radware offers the industry's most comprehensive suite for protecting workloads hosted on Microsoft Azure and provides tools that protect both the internal and external surfaces of Azure environments. Radware uses behavioral-based technologies and adaptive algorithms to block malicious traffic from reaching an organization's environment, identify suspicious activity within their cloud networks and provide automated response measures to immediately mitigate attacks.



COMPLIANCE REPORTING

Provides comprehensive compliance reporting to show where you are exposed and detailed explanations of results by topic, accounts, users and importance

MISCONFIGURATION ALERTING

Identifies misconfigurations and excessive permissions in your Azure environment and offers smart hardening recommendations to fortify your cloud security posture



DATA THEFT MITIGATION

Radware uses machine learning algorithms to detect malicious behavior within your Azure environment and correlates individual events into streamlined attack storylines

AZURE-NATIVE APPLICATION PROTECTION

Protects the application surface with an industry-leading web application firewall (WAF) that can be deployed as an Azure-native service for low latency and reduced costs



Protecting Azure Workloads From the Inside and the Outside

Radware protects an organization's Azure environment from the inside and the outside. Radware safeguards Azure-hosted workloads from within the Azure environment by detecting malicious network activity and blocking data theft attempts that can't be mitigated by perimeter defenses. This enables organizations to secure their environments while maintaining the agility and flexibility required for modern development and operations (DevOps) environments. In addition, Radware protects the Azure cloud itself with tools based on behavioral protections and a positive security model to stop malicious traffic from reaching the cloud environment.

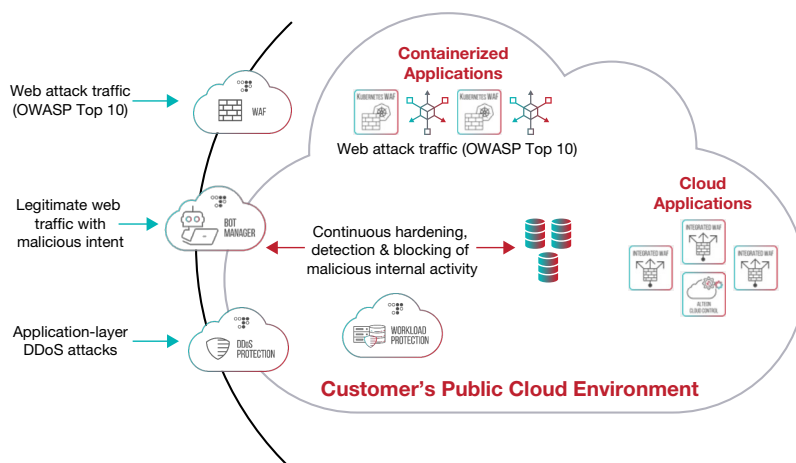








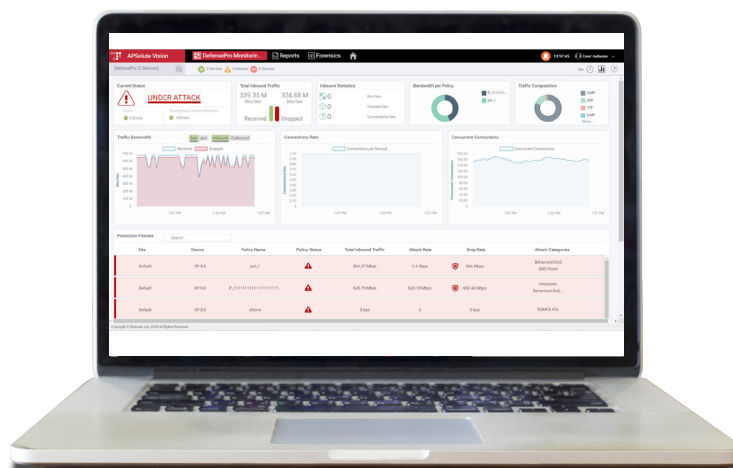
Figure 1: Overview of Radware solutions for protecting a public cloud environment

Solution Components

Protections Within the Cloud		Workload Protection — an agentless solution that protects workloads hosted on Azure, provides compliance reporting, alerts for misconfigurations and excessive permissions and detects malicious activity and data theft
		Kubernetes WAF — protects Kubernetes-based microservices that cannot be protected by external-facing WAF services and provides market-leading application security that includes automation, autoscaling and elasticity
		Alteon Multi Cloud with Integrated WAF — enables organizations to securely deliver applications with a cross-platform load balancer that is integrated with Radware's WAF and sold via a single global elastic licensing model
Protections of the Cloud		Web Application Firewall — industry-leading WAF for protection against OWASP Top 10 threats and more, based on a positive security model and adaptive policies. Radware's WAF can be deployed as an Azure-native service or as a stand-alone Azure VPC appliance
		Bot Manager — bot management solution that uses semisupervised machine learning to protect against new generations of bots that simulate human behavior and bypass traditional bot defenses. It can be run as an Azure-native service or integrated into the application itself
		DDoS Protection — L3-7 protection against distributed denial-of-service (DDoS) attacks by understanding application-specific traffic behaviors, so organizations can achieve maximum protection with minimal false positives

Centralized Multicloud Management

Radware's public cloud security solutions are available for Azure and other public cloud environments, such as Amazon Web Services (AWS). Radware's suite of industry-leading public cloud security solutions allows organizations to protect their applications no matter where they are deployed. Radware offers the most advanced public cloud protection by offering behavioral-based technologies, unified security policies across different clouds and centralized management and reporting across multiple environments.



About Radware

Radware® (NASDAQ: RDWR) is a global leader of cybersecurity and application delivery solutions for physical, cloud and software-defined data centers. Its award-winning solutions portfolio secures the digital experience by providing infrastructure, application and corporate IT protection and availability services to enterprises globally. Radware's solutions empower more than 12,500 enterprise and carrier customers worldwide to adapt quickly to market challenges, maintain business continuity and achieve maximum productivity while keeping costs down. For more information, please visit www.radware.com.

Radware encourages you to join our community and follow us on: [Facebook](#), [LinkedIn](#), [Radware Blog](#), [Twitter](#), [YouTube](#), Radware Mobile for [iOS](#) and [Android](#), and our security center DDoSWarriors.com that provides a comprehensive analysis of DDoS attack tools, trends and threats.

© 2020 Radware Ltd. All rights reserved. Any Radware products and solutions mentioned in this document are protected by trademarks, patents and pending patent applications of Radware in the U.S. and other countries. For more details, please see: <https://www.radware.com/LegalNotice/>. All other trademarks and names are the property of their respective owners.