DATA SHEET

Acronis
Cloud Security
(formerly known as 5nine Cloud Security)

Specifically designed and optimized for Microsoft Hyper-V and Microsoft Azure

UNIFIED HYBRID CLOUD SECURITY

Organizations are moving their services to public cloud and are building more hybrid cloud solutions. With this, security is becoming increasingly complex as administrators may no longer have access to physical hosts and networks. This requires that many computing services be virtualized and managed remotely, including security. While public clouds can offer many security benefits, the generic solutions provided by Microsoft Azure are limited and are not purpose-built for the rapidly-changing security needs of today's enterprise. Until now, users have had to rely on multiple third-party vendors to obtain end-to-end protection for their virtualized environments.

SIMPLIFY THE SECURITY OF YOUR HYBRID CLOUD

Acronis Cloud Security is a comprehensive security solution which addresses all of these challenges by taking the industry's leading security solution for Hyper-V and expanding it to the public cloud. Acronis Cloud Security can be deployed either as a Windows or web application – standalone, or from Microsoft Azure Marketplace.

SECURE ANY MICROSOFT CLOUD DEPLOYMENT

Acronis Cloud Security protects virtual machines (VMs) in any Microsoft Cloud environment. For on-premises Hyper-V installations using the native extensible switch, Acronis Cloud Security protects hosts, clusters, VMs, networks, and virtual disks. For on-premises Hyper-V using SDNv2, Acronis Cloud Security also includes Virtual Router Security Appliance to secure the virtual networks. For Azure installations, Acronis Cloud Security also uses the Virtual Router Security Appliance and protects VMs, networks, and virtual disks, as well as providing management of Azure account properties and subscriptions.

BENEFITS

- Automatically and immediately protect newly-created VMs with virtual firewall
- Increases operational efficiency and lowers total cost of ownership by eliminating point solutions and management complexity
- Built-in agentless anti-virus (AV) and anti-ransomware (ARW) protections let you secure your data without a negative effect on VM performance
- Control all inbound, outbound, and VM-to-VM network traffic with the Acronis Cloud Security virtual firewall performing deep inspection of the packets before delivery
- Integrated Intrusion Detection System (IDS) identifies many attack types including DoS/DDoS, direct access attacks, cross-site scripting, brute force, buffer overflows, stealth port scans, and many more
- Security compliance audits made simple and easy with logging of all network traffic, infrastructure configuration changes, and administrator actions
- Centralized on-premises and Azure security management without the need for administrators to log in to the Azure Portal

EASY

Easily protect all of your Microsoft Cloud environments: on-premises, cloud, and hybrid

- Easy-to-use graphical user interface (GUI) provides visibility into all Hyper-V clusters and Azure instances
- Manage security for your entire Microsoft hybrid cloud on-premises and Azure – from a single centralized console with no need for administrators to log in to the Azure Portal
- Create Security Groups to enable automatic protection – push rule changes to an entire group of VMs all at once and automatically apply security to new VMs created in oradded to the group

EFFICIENT

Streamline security operations across multiple clusters and Azure instances

- Changed Block Tracking (CBT) is used to scan and analyze only the blocks that have changed since the last scan, making scans up to 70X faster
- Built-in Anti-Virus (AV) and Anti-Ransomware (ARW) protection eliminates the need to acquire and deploy separate third-party solutions – scans are performed at the network layer and require no agents so there is no effect on VM performance
- Secure all your Microsoft Cloud resources from a single console, eliminating the need for multiple cybersecurity tools

CONTROLLED

Secure all of your Microsoft Cloud environments: on-premises, cloud, and hybrid

- Granular user and tenant management through role-based access control (RBAC), separating users and resources, reducing risk of cross-contamination
- Control network bandwidth usage on a per-VM basis, providing Quality of Service (QoS) to prevent any VM from consuming too much and negatively affecting the performance of other VM, services, or users
- Virtual firewall allows organizations to control all inbound, outbound, and VM-to-VM traffic, inspecting packets before they reach VMs or virtual networks

SECURE

Meet strict security, privacy and compliance requirements with complete control over access to your VMs, hosts, tenants, and administrative functionality.

- Deep Packet Inspection (DPI) allows inspection of packet before determining if the packet should be passed on
- Cisco Snort Intrusion Detection System (IDS) rules are integrated into Acronis Cloud Security and identify many types of network attacks, including DoS/DDoS, cross-site scripting, buffer overflows, stealth port scans, and more
- Logging of all events, network traffic, and user actions, including results of changes, enabling easy and simple audit to meet strict security compliance requirements.

RELIABLE

Multi-layered cyber protection that can scale to secure even the largest and most-complex Hyper-V and Azure deployments

- Provides cyber protection and security management across multiple version of Hyper-V and Azure working across dissimilar versions
- Management server is installed in a cluster-based configuration, providing highly-available access to the security management console
- Security settings are preserved when virtual machines are shut down and even if the management server were unavailable, providing uninterrupted and continuous cyber protection for Microsoft Cloud

SUPPORTED ENVIRONMENTS

Microsoft Azure
Hyper-V

- Windows Server 2019
- Hyper-V Server 2019
- Windows Server 2016
- Windows Server 2012 R2

Hybrid Cloud Configurations

Acronis

Learn more at
www.acronis.com