

SolarInnovate Energy Solutions

Container Network Security Base Station





Overview

What is a container instance security profile?

The security profile summarizes high-impact behaviors of Container Instances, which may result in increased security considerations. For more information, see the Microsoft cloud security benchmark: Network security. Description: Service supports deployment into customer's private Virtual Network (VNet). Learn more.

Does container instances support configuration guidance?

Configuration Guidance: This feature is not supported to secure this service. The Container Instances security baseline provides procedural guidance and resources for implementing the security recommendations specified in the Microsoft cloud security benchmark.

How do I control container access to subnets?

Configuration Guidance: Use NSG rules to control container access to subnets or other network resources Note: Placing an Azure Load Balancer in front of container instances in a networked container group is not supported.

What is advanced container networking services?

Advanced Container Networking Services is a paid offering. For more information about pricing, see Advanced Container Networking Services - Pricing. Learn how to apply fqdn filtering policies on AKS. Explore how the open source community builds Cilium Network Policies.

What are the security challenges of a containerized network?

Containerized environments present unique security challenges. Traditional network security methods, often reliant on IP-based filtering, can become cumbersome and less effective as IP addresses frequently change. Additionally, understanding network traffic patterns and identifying potential threats can be complex.



What is the Microsoft cloud security baseline?

This security baseline applies guidance from the Microsoft cloud security benchmark version 1.0 to Container Instances. The Microsoft cloud security benchmark provides recommendations on how you can secure your cloud solutions on Azure.



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BASTION: A Security Enforcement Network Stack for

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Jul 15, 2020 · BASTION introduces (i) a network visibility service that pro-vides fine-grained control over the visible network topology per container application, and (ii) a traffic visibility ...

BASTION: A Security Enforcement Network Stack for Container ...

3 days ago · BASTION introduces (i) a network visibility service that provides fine-grained control over the visible network topology per container application, and (ii) a traffic visibility service, ...





Secure Inter-Container Communications Using XDP/eBPF

Sep 22, 2022 · Bastion+ introduces (i) a network security enforcement stack that provides fine-grained control per container application and securely isolates inter- container traffic in a point

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