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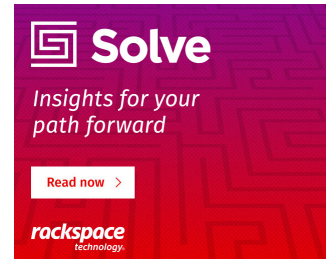BLOG HOME   CLOUD INSIGHTS   PLATFORMS   RACKER CULTURE

Six security challenges — and how to overcome them

AUGUST 24, 2021

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The cybersecurity skills gap and rapidly evolving cyber threats come at the top of most cybersecurity challenges lists, including ours. But let's also take a look at some you may not have considered.

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Top 6 security challenges

#1: Navigating the cybersecurity skills gap

The shortage of cybersecurity professionals means organizations are competing to hire and retain staff. There isn't enough human resource to cover physical security or policy implementation, to name just two of the aspects required in securing data.

#2: Defending against evolving security threats

Cybercriminals are continuously devising new ways to exploit vulnerabilities and remediation can be costly.

#3: Complex environments and operations

Digital transformation means some organizations may still be in the process of moving from legacy architecture to the cloud. Many have multicloud or hybrid cloud environments with services from more than one provider.

#4: Demanding compliance mandates

Compliance mandates across all industries are regularly updated to ensure sensitive data is protected as the risk surface continues to expand with

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new technologies and growing environments.

#5: Maintaining business speed

Growth and digital transformation work best at speed, but a security breach can slow down or even prevent progress.

#6: Cloud native applications

As organizations move to cloud native architecture, it's a challenge to select the right security tools and processes, as well as the cloud native security expertise you need.

Time to break free from traditional security models

Traditional security approaches only make these challenges worse, since they are often built around modular, environment-dependent services that are only applicable to one stage of the security lifecycle. This leaves you having to partner with multiple providers — such as one for consultation and architecture services, and another for implementation and engineering services.

Another way of looking at this situation is the security provider gap. For example, a managed service security provider (MSSP) may notify you of an

alert, but you'll need another consultant to provide remediation. And you may have another consultant for proactive, penetration testing services.

A new flexible approach to security

How can you overcome the six security challenges and find a security provider that fills the gaps? The answer lies in **Rackspace Elastic Engineering for Security,** an end-to-end service that provides digital transformation for security by modernizing security strategy and cloud security operations.

Here's how Rackspace Elastic Engineering for Security solves for the six challenges we discussed earlier:

#1: Navigating the cybersecurity skills gap

You'll have access to a security pod of experts who work as an extension of your team — collaborating in an agile, sprint-based model to defend against cyberattacks. As your consistent support team, they have a deep knowledge of your environment and business operations to help you continually improve your security posture.

#2: Defending against evolving security threats

Threat intelligence, security analytics,

alerts and incident response services can be consolidated into a solution to be deployed and managed across your multicloud environments. Our flexible service accommodates both your ongoing cyberdefense projects and can also be escalated should an incident occur.

#3: Complex environments and operations

Rackspace Elastic Engineering for Security is designed to assess, monitor and respond to your complex cloud security challenges. Wherever you are in your cloud security journey, your pod will be with you every step of the way. They can design, build and manage your defense-in-depth architecture to protect your multicloud environments.

#4: Demanding compliance mandates

Our security experts work with you to define, manage and validate your governance, risk and compliance (GRC) requirements through advisory scans and assessments for PCI DSS, HIPAA and more.

#5: Maintaining business speed

Protect your digital investments while ensuring security resiliency with our certified security experts by your side, so you can accelerate business growth or meet your digital transformation

plans. The elastic nature of this service means you can scale up or down in line with your needs.

#6: Cloud native applications

Leverage our cloud security expertise and experience to build, optimize and secure your cloud environment and applications. With 800+ security certifications including 100+ cloud security certifications from AWS, Microsoft® Azure®, and Google Cloud Platform™, you will have access to both security and multicloud security knowledge.

And if you need 24x7x365 security technology health monitoring, operational support and help desk, our new **Rackspace Advanced Monitoring & Resolution for Security** service is here for you.

Get a flexible security service backed by deep expertise.

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