StackPath Puts Containers and VM on the Edge

Written by Alice Marshall
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Edge computing pioneer StackPath announces StackPath Edge Computing Containers and Virtual Machines (VMs)-- a means for customers to deploy and manage workloads on any StackPath edge node worldwide.

The platform, the company says, allows customers to put applications and services closer to end users, since it leverages more geographically-diverse points of presence (PoPs) compared to centralised public clouds. Such higher proximity makes StackPath Edge Computing ideal for workloads demanding near-immediate response times, such as security technology, media delivery, IoT, ad tech and finance.

To take advantage of edge computing capabilities, customers simply need to upload a workload image to the StackPath platform, choose the size of containers or VMs, and then select the advanced StackPath edge nodes the workload should be deployed in. The workload is deployed worldwide in as little as 60 seconds.

"The Internet has grown bigger and bigger but, from an end user or client perspective, it hasn't grown closer and closer," StackPath adds. "The most secure and innovative applications today need to get data back and forth—and processed in between—faster. You don't want security requests or urgent data hopping around the world. That's what StackPath Edge Computing is all about. Process it faster, safer. Right at the edge."

StackPath Edge Computing features include Anycast IP (distributes traffic to the container or VM in the closest edge node to optimise cost and performance), hardware offload (offloads select processing tasks from CPU to server SmartNICs), built-in CPU and RAM monitoring, security groups and seamless integration with StackPath edge services, including CDN, DNS,

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WAF and monitoring, among others.

In addition, the platform leverages the StackPath global network. It offers 45 full-stack edge locations, with 65Tpbs network capacity and patform-wide layer 3-5 DDoS protection. All edge locations have a private network backbone, with 26 tier 1 transit providers, 2700 peering partners and over 55000 visible ASNs.

StackPath Edge Computing Containers and VMs are available now.

Go StackPath Launches Edge Computing Containers and VMs