

FatPipe-Ring Central Partnership Tackles VoIP Latency and Jitter

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FatPipe Networks, a software-defined wide area network specialist, has announced a partnership with RingCentral, a leading cloud-based platform for voice-over-internet communications, to deliver higher quality VoIP calls.

Many office VoIP phone systems constantly deal with jitter and latency issues that degrade call quality. Sometimes engineers try to solve these problems by using dedicated express route lines or duplicating packets.

But other, more sophisticated solutions are now arising. The cloud-based SD-WAN technologies marketed by the FatPipe-RingCentral alliance is one.

Duplicate Packets

Their strategy aims to remove the need for duplicate packets by allowing VoIP providers to allocate additional bandwidth, or over-provision, to their data circuits. This approach suppresses interference for an end user and frees up a provider's room for other applications and higher profits.

The Salt Lake City-based FatPipe is carving out a following in both the VoIP and Unified communications as a service segments. UCaaS is a cloud delivery model for communication services. FatPipe's over-the-top data transmission technology helps it deliver a low level of latency combined with automatic

FatPipe is available as a virtual machine in AWS (Amazon Web Services). RingCentral, based in California, says its customers can license FatPipe in AWS and have it alongside the RingCentral hosted solution. End users can also now receive FatPipe for both branch and headquarters locations.

SD-WAN technology has been deployed across a wide range of enterprises. It helps to ensure a higher level of call quality, service and availability to companies. Using the FatPipe technology, organizations can assist in managing jitter and call latency and deliver a better customer experience.

Avoiding SD-WAN Technology

Many companies remain challenged by SD-WAN technology, giving FatPipe an opening to market its solutions.

At the end of 2015, according to Gartner, fewer than 1% of organizations had actually deployed SD-WAN. Research by Ashton, Metzler & Associates, a consulting group, found that many IT professionals remain concerned about how to integrate software-defined networks into their current infrastructure while others worry about the level of maturity of the existing range of SD-WAN enabling technologies.

FatPipe offers its customers SD-WAN solutions with WAN optimization and network

optimization. These solutions are available as appliances, virtual machines and instances in the Azure and AWS clouds. These solutions are available as appliances, virtual machines and instances in the Azure and AWS clouds.

FatPipe works closely with network administrators and has been providing SD-WAN long before it became a buzz word in the VoIP space. Its solutions are built to work with existing LAN and WAN infrastructure and protocols. It's considered to be the only SD-WAN vendor at the moment that supports up to 40 Gbps bandwidth and up to 15 interfaces.

Key takeaways

- FatPipe Networks and RingCentral are partnering on the delivery of higher-grade VoIP communications based on SD-WAN technology. This comes as many enterprises still grapple with many of the core requirements of SD-WAN implementation.
- The new service is designed to help VoIP service providers free up extra bandwidth and abolish the need for more cumbersome bandwidth management techniques like packet duplication.
- FatPipe specializes in the delivery of SD-WAN and WAN optimization strategies that will allow companies to deliver a superior level of call quality with reduced levels of call jitter or outages.