

# Vodafone and Juniper's managed network solutions on AWS

## Adopt agile connectivity for your enterprise with SD-WAN



Vodafone is an AWS Partner Network (APN) Advanced Consulting Partner.

Juniper is an APN Technology Partner.

## Industry trends & challenges

With security and reliability held as top priorities for networking activities, many solutions are lacking the quality that enterprises in today's landscape are looking for. The need for proper wide area network (WAN) services is often identified late in the process and businesses frantically search for Software-as-a-Service (SaaS) solutions on the internet. This process reduces the sensitivity toward safe and dependable networks and puts important enterprise information at risk. This risk also often entails the act of indirect routing through gateways or hubs, which can present congestion and points of failure.

## The Vodafone and Juniper solution

Vodafone software-defined WAN (SD-WAN), powered by Juniper, provides secure and continuous connectivity across seven Amazon Web Services (AWS) regions. Vodafone SD-WAN utilizes a multi-vendor network functions virtualization (NFV) architecture that enables the opportunity to improve efficiencies and access a range of virtual network functions, complementing secure, cloud connectivity, such as a next-generation network (NGN) Juniper Firewall/unified threat management (UTM) capability. Recognizing over 2,000 applications across 182 countries, this solution supports on-demand bandwidth and provides end-to-end visibility of performance, while encouraging cloud migration and future growth.

## Benefits

Benefits of this partnered solution include:



### Reduced risk

Secure, high availability (99.99%) software-defined network connectivity directly to AWS



### Business agility

Adjust speeds and Quality of Service (QoS) settings to fit the needs of your applications



### Intelligent path routing

Extend applications over multiprotocol label switching (MPLS) or Internet paths to meet business outcomes



### WAN efficiencies

Optimize configurations on-demand, to optimize capacity and network costs

# Solution Space

Discover scalable and secure solutions that will empower you to achieve your business needs with Amazon Web Services (AWS) and AWS Partner Network (APN) Partners that have attained AWS Competency designations. Customer ready solutions are based on architectures validated by AWS, include a combination of AWS services and APN Partner technologies, can be deployed quickly with solution accelerators like AWS Quick Starts, and feature optional consulting offerings provided by APN Partners, to accelerate your cloud transformation.

[Click here to get started with this Solution Space offering](#)

## Solution overview



### Key features

- Global network with inbuilt encryption, all backed by 24/7 global support services. With this solution, you gain direct connection to seven AWS Regions, spanning 182 countries, over 1 million km of fiber assets, domestic MPLS networks in 18 markets across Europe, Middle East, APAC, a 26 country PAN African network, and a leading global Internet service provider (ISP) backbone.
- Intelligent path routing that connects your branch locations directly to the most appropriate AWS Region in order to meet application business policies.
- WAN digital portal that allows end-to-end visibility of network usage and application performance, simplifying network management across physical and cloud environments.
- Optional complementary virtual network functions from NGN Firewalls to WAN optimization supporting public and private peering services in AWS.

### Vodafone and Juniper on AWS

As a certified AWS networking solution, Vodafone and Juniper's managed network solution is supported by 99.99% of AWS regional availability and inbuilt encryption. This availability allows agile network connectivity across 182 countries, specifically 74 direct MPLS and 18 domestic MPLS networks, under a global ISP backbone. With AWS you can also extend to more locations or enable inter-AWS regional connectivity with a minimum contract term of only one month.



## How it works

If your enterprise does not currently have Vodafone WAN, Vodafone and Juniper can connect one or more of your locations, providing direct connectivity to AWS. For existing Vodafone Global Enterprise SD-WAN or IP-VPN customers, you can easily join by adding another feature to your existing services.

## Getting started

Adopt Vodafone and Juniper managed network solutions by clicking the contact link below. If you are already a Vodafone Global Enterprise SD-WAN or IP-VPN customer, please contact your account manager for details.

[Contact AWS, Vodafone, and Juniper](#)  
[Vodafone and Juniper offering on Solution Space](#)



About AWS: For 10 years, Amazon Web Services has been the world's most comprehensive and broadly adopted cloud platform. AWS offers over 100 services for compute, storage, databases, analytics, mobile, Internet of Things (IoT) and enterprise applications from 49 Availability Zones (AZs) across 18 geographic Regions in the United States, Canada, Europe, Asia, Australia and South America. AWS services are trusted by more than a million active customers around the world – including the fastest growing startups, largest enterprises, and leading government agencies – to power their infrastructure, make them more agile, and lower costs. To learn more about AWS, visit <http://aws.amazon.com>.

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