VMware SD-WAN and AWS Outposts

AWS Outposts is a fully managed service that offers the same AWS infrastructure, AWS services, APIs, and tools to virtually any data center, colocation space, or on-premises facility, delivering a truly consistent hybrid experience. AWS Outposts is ideal for workloads that require low latency access to on premise systems, local data processing, data residency. It also excels in migrating applications with local system interdependencies.

AWS compute, storage, database, and other services run locally on AWS Outposts, and you can access the full range of AWS services available in the region to build, manage, and scale your on-premises applications, using familiar AWS services and tools.

While AWS Outposts brings workloads closer to the users, VMware SD-WAN, a service of VMware SASE, connects users in a distributed enterprise to the workloads in AWS Outposts in an optimal, reliable and efficient manner. VMware SD-WAN also extends connectivity to on premise data center and workloads on the AWS cloud infrastructure.

VMware SD-WAN

VMware Software-defined Wide Area Network (SD-WAN) is the market leader in cloud-delivered SD-WAN that enables enterprises and service providers to deploy flexible, secure WAN connectivity. The solution has helped thousands of customers worldwide transform their infrastructure to VMware SD-WAN.

Enterprise IT can now accelerate workload deployment in AWS Outposts and offer a consistent experience to users, no matter their location. VMware SD-WAN solutions deliver operational simplicity and dynamic remediation capabilities when the network experiences packet loss, latency and jitter with their WAN connectivity. The solution prioritizes business-critical application traffic, thus providing a rich user experience.
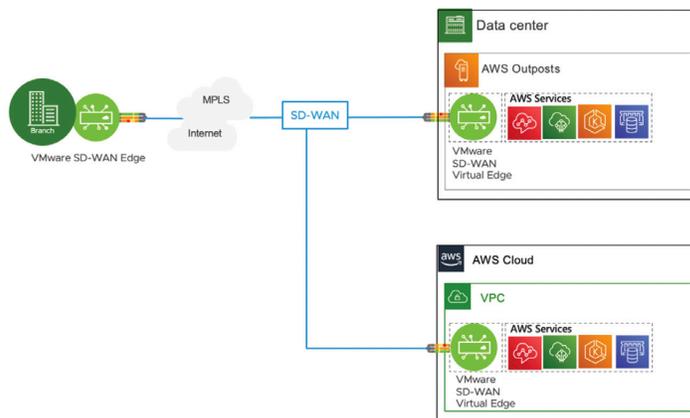

FIGURE: VMware SD-WAN and AWS Outposts bring users closer to their workloads

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Advantages of the Joint Solution

By leveraging VMware SD-WAN, AWS customers can simplify, manage and automate their WAN infrastructure across thousands of locations by using the centralized management capabilities of the VMware SD-WAN Orchestrator. IT can set policies to automate application traffic priority, security provisioning, traffic segmentation and reduce cost by steering traffic over the lowest cost link multiprotocol label switch (MPLS), dedicated internet access (DIA) and long-term evolution (LTE). The benefits of VMware SD-WAN solution — including transport independence, operational simplicity, and easy on-ramp to AWS — offer major advantages for customers deploying AWS Outposts.

For more details

VMware SD-WAN: *https://sase.vmware.com/products*

AWS Outposts: *https://aws.amazon.com/outposts/*

SASE Products Datasheet: *https://sase.vmware.com/resources*