



# VMware SASE and AWS Wavelength



vmware®

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SASE™

## AWS Wavelength

AWS Wavelength extends the AWS cloud to a global network of 5G edge locations, enabling developers to innovate and build a whole new class of applications that require ultra-low latency. Wavelength Zones provide a high-bandwidth, secure connection to the parent AWS Region, empowering developers to seamlessly connect across the full range of services in the AWS Region through the same APIs and tool sets.

You can create Amazon EC2 instances, Amazon EBS volumes, and Amazon VPC subnets and carrier gateways in Wavelength Zones. You can also use services that orchestrate or work with EC2, EBS, and VPC such as Amazon EC2 Auto Scaling, Amazon EKS clusters, Amazon ECS clusters, Amazon EC2 Systems Manager, Amazon CloudWatch, AWS CloudTrail, and AWS CloudFormation. The services in Wavelength are part of a VPC that is connected over a reliable, high-bandwidth connection to an AWS Region for easy access to services, including Amazon DynamoDB and Amazon RDS.

## VMware SASE

VMware SASE™ is a cloud hosted service that ensures users located anywhere can connect to any workload on AWS Wavelength, AWS Cloud, SaaS applications like M365 and other internet application in an optimal manner. VMware SASE includes VMware SD-WAN™, VMware Secure Access™, VMware Cloud Web Security™, VMware Cloud Web Security™ and VMware Edge Network Intelligence™ as modular services to help organizations enable one or more services at a time.

## VMware SD-WAN

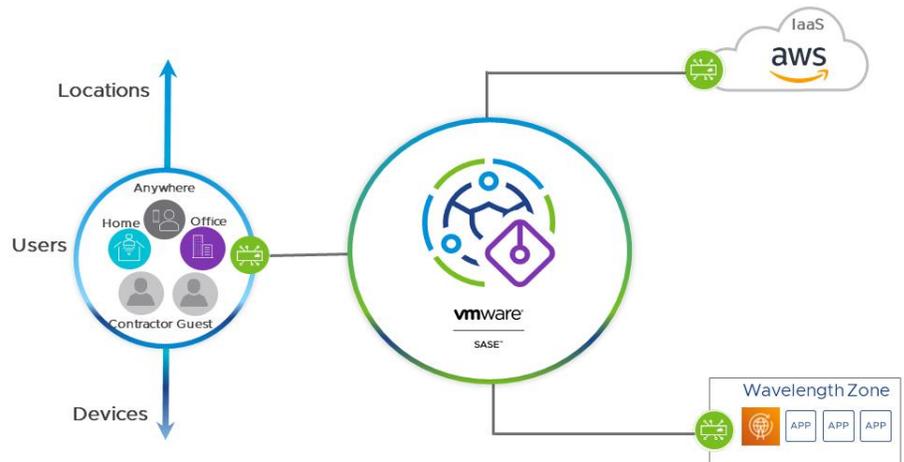
VMware SD-WAN is the market leader in cloud-delivered SD-WAN that enables enterprises and service providers to deploy flexible, secure WAN connectivity. The solution has helped thousands of customers worldwide transform their infrastructure to VMware SD-WAN.

VMware SD-WAN connects remote users working from any location to AWS Wavelength Zones and workloads on AWS Cloud in a reliable, secure, and efficient manner. Enterprise IT can now accelerate workload deployment in AWS Outposts and offer a consistent experience to users, no matter their location. The solution delivers operational simplicity and dynamic remediation

### Learn more

- [VMware SD-WAN data sheet](#)
- [VMware Edge Network Intelligence data sheet](#)

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 1:** VMware SD-WAN and AWS Wavelength allows users to leverage the telco edge.

## Deployment

VMware SD-WAN Edge uses inseego for 5G connectivity to AWS Wavelength.

## Joint value prop

- VMware SD-WAN ensures users located anywhere can connect to workloads in AWS Wavelength and AWS Cloud in a seamless manner.
- The solution provides reliable and efficient connectivity between AWS Wavelength and AWS Cloud.
- VMware Edge Network Intelligence integrated with VMware SD-WAN provides deep insights into user experience when accessing workloads on AWS Wavelength, AWS Cloud, or SaaS applications like Zoom. To learn how Zoom harnesses the power of this solution, click [here](#).
- VMware Edge Network Intelligence also provides operational assurance for IoT devices.