Role of technology in compliance

Customer perspective

Fernando Gebara Filho – Latam Regional
Standards Lead - AWS

2022-03-31

Building a global network

Regional expansion

First 5 years: 4 regions

Regional expansion

- First 5 years: 4 regions
- Next 5 years: 7 regions

Customer demands: Compliance

AWS Compliance

SOC 1

SOC 2

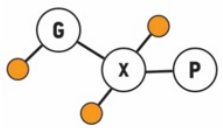
SOC 3

CJIS

DoD SRG

FERPA

SEC Rule
17a-4(f)



GxP


MPAA

My Number
Act

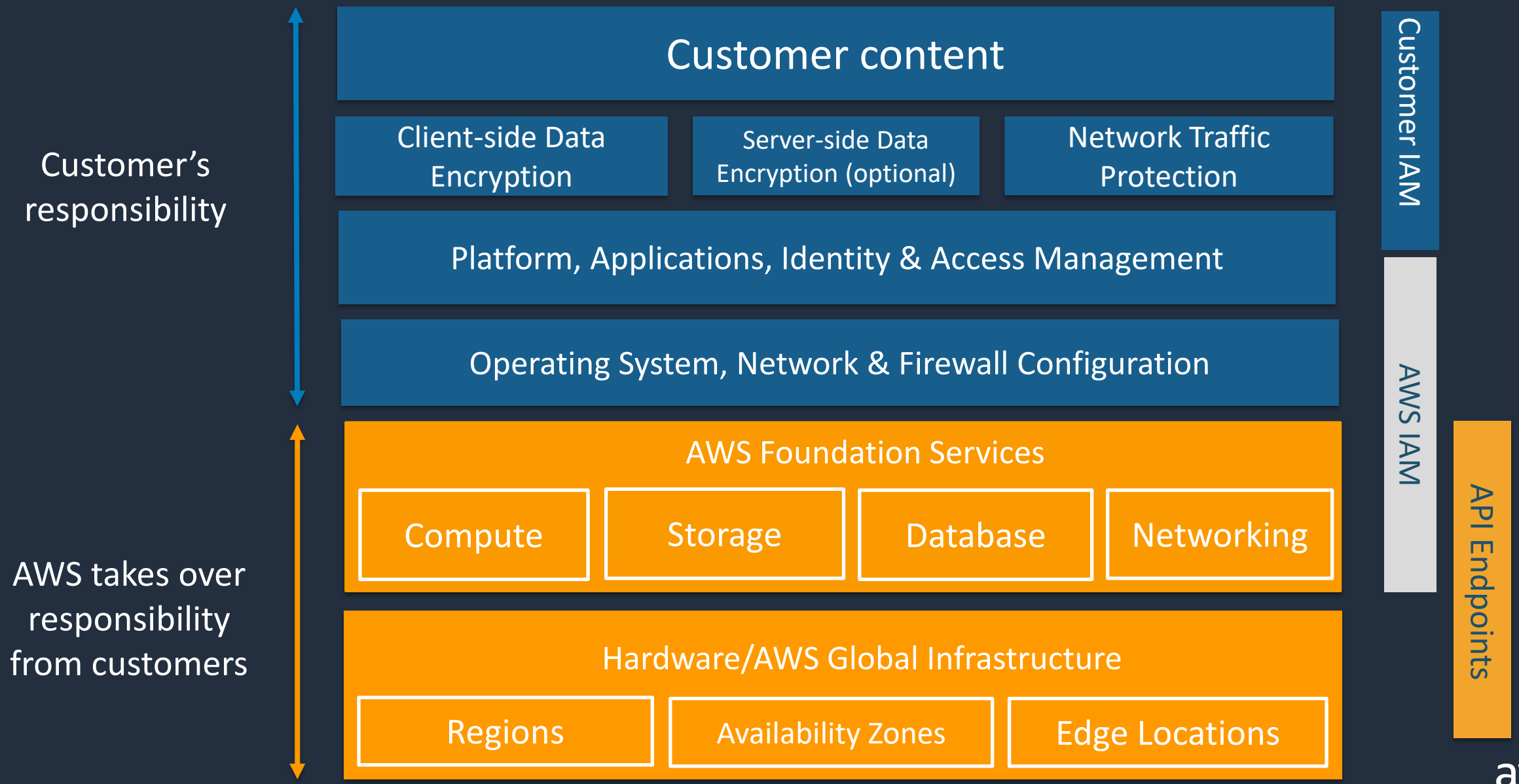

VPAT
Section 508


G-Cloud

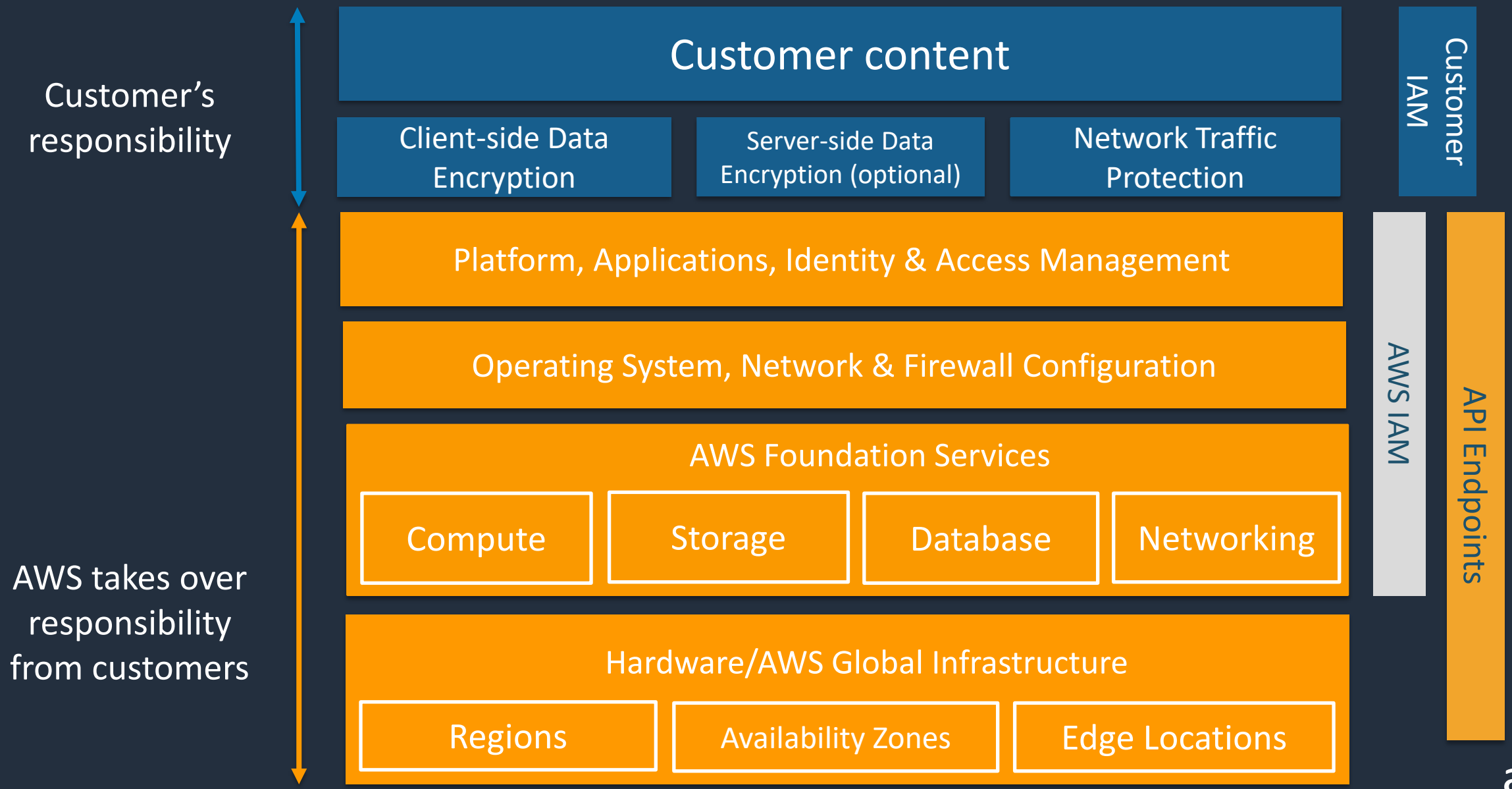
aws

Shared responsibility model

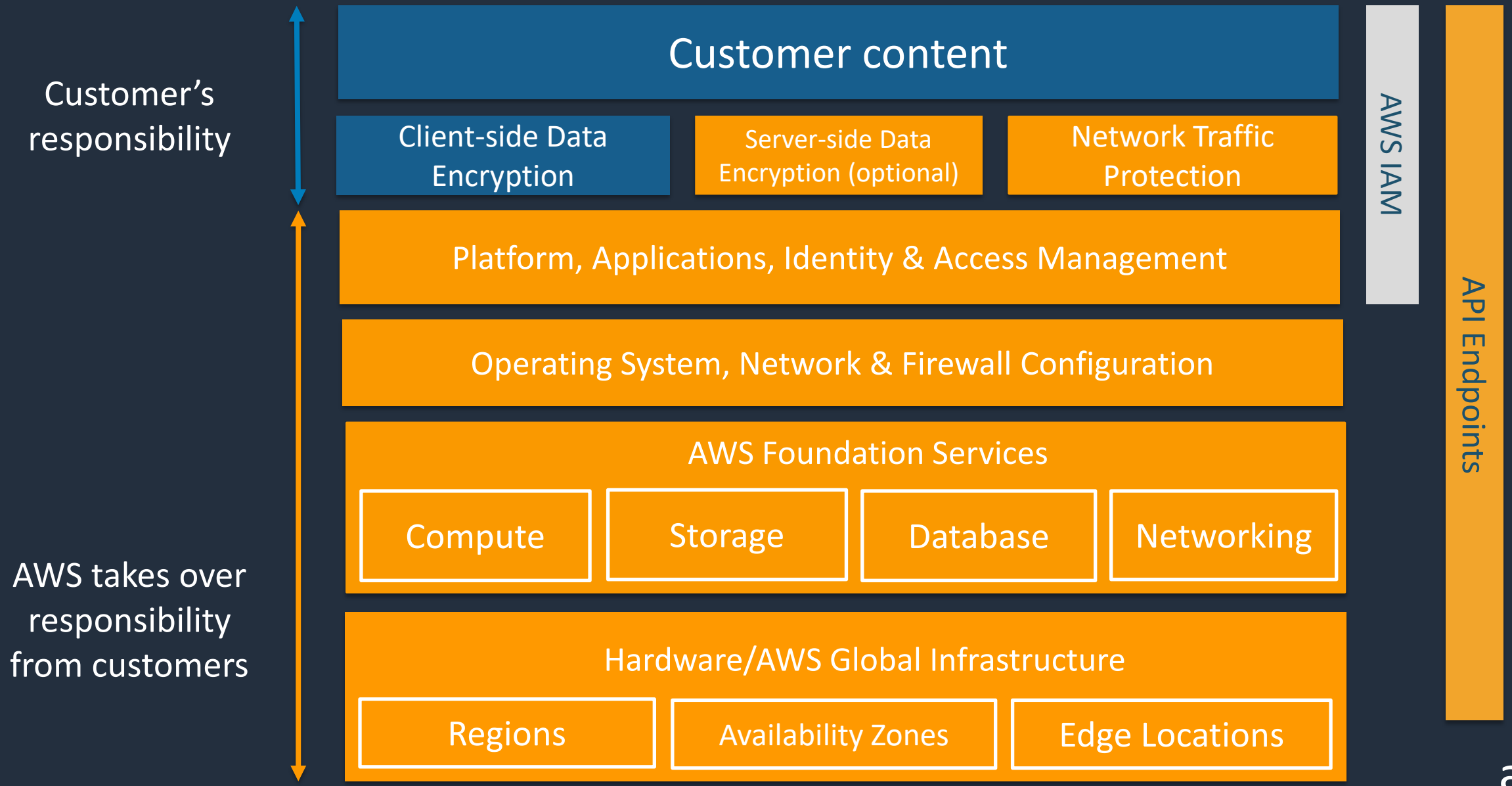
AWS Security Model when using Infrastructure Services



AWS Security Model when using Container Services



AWS Security Model when using Abstracted Services



Compliance, compliance, compliance

AWS Compliance

SOC 1

SOC 2

SOC 3

CJIS

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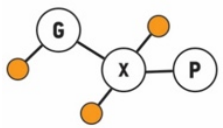
17a-4(f)



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THE CLIMATE PLEDGE

Paris... 10 years Early

Commitment to a sustained future

On September 19, 2019, Amazon and Global Optimism announced **The Climate Pledge,** a commitment to meet the Paris Agreement 10 years early. Amazon is the first signatory of this pledge. The Climate Pledge calls on signatories to be net zero carbon across their businesses by 2040—a decade ahead of the Paris Agreement's goal of 2050.

100% Net zero carbon by 2040

Deploying our technology and people to reach net zero carbon across Amazon by 2040, one decade ahead of the Paris Agreement.

80% Renewable energy by 2024

Investing in wind and solar to reach 80% renewable energy across all business operations by 2024. We expect to reach ~40% renewable energy by the end of 2019.

100% Renewable energy by 2025

Investing in wind and solar to reach 100% renewable energy across all business operations by 2030.

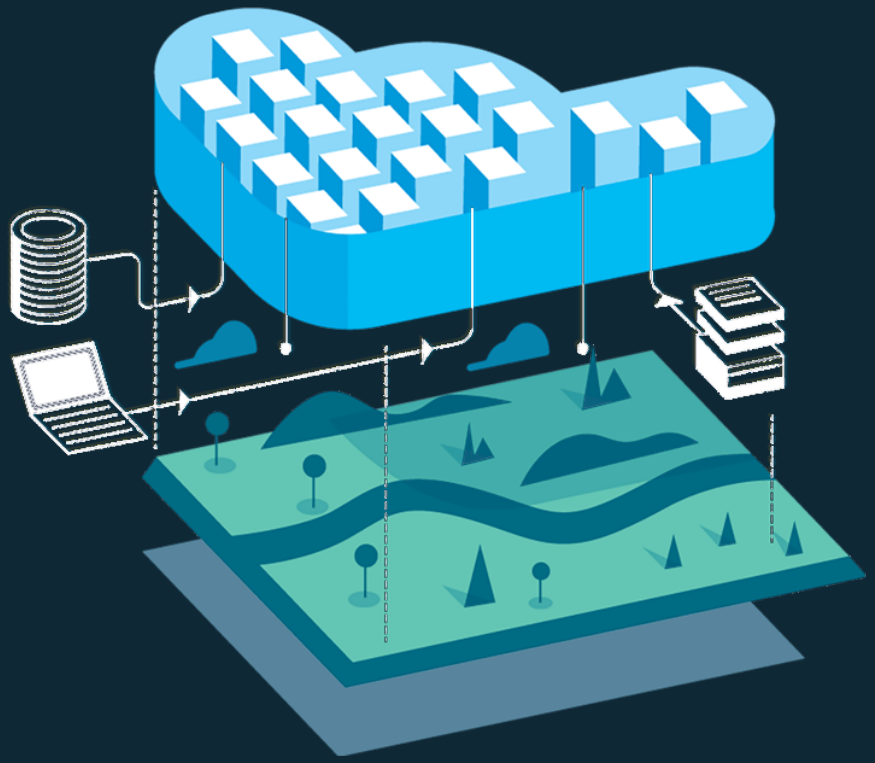
50% Shipments and net zero carbon by 2030

Our vision to make all Amazon shipments net zero carbon, with 50% of all shipments net zero carbon by 2030.

aws

Investing in wind and solar energy

Globally, Amazon has nearly 70 renewable energy projects, including 18 utility-scale wind and solar projects, that have the capacity to generate over 1,600 MW and deliver more than 4.6 million MWh of energy annually.



Cloud efficiency

"Our results show that AWS's infrastructure is 3.6 times more energy efficient than the median of the surveyed U.S. enterprise data centers. More than two-thirds of this advantage is attributable to the combination of a more energy efficient
server population and much higher server utilization. AWS data centers are also more energy efficient than enterprise sites due to comprehensive efficiency programs that touch every facet of the facility.

When we factor in the carbon intensity of consumed electricity and renewable energy purchases, which reduce associated carbon emissions, AWS performs the same task with an 88% lower carbon footprint."

Source: 451 Research, 2019, All Rights Reserved.

Thank you