



AWS Academy @Unical



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Digital Sovereignty on AWS

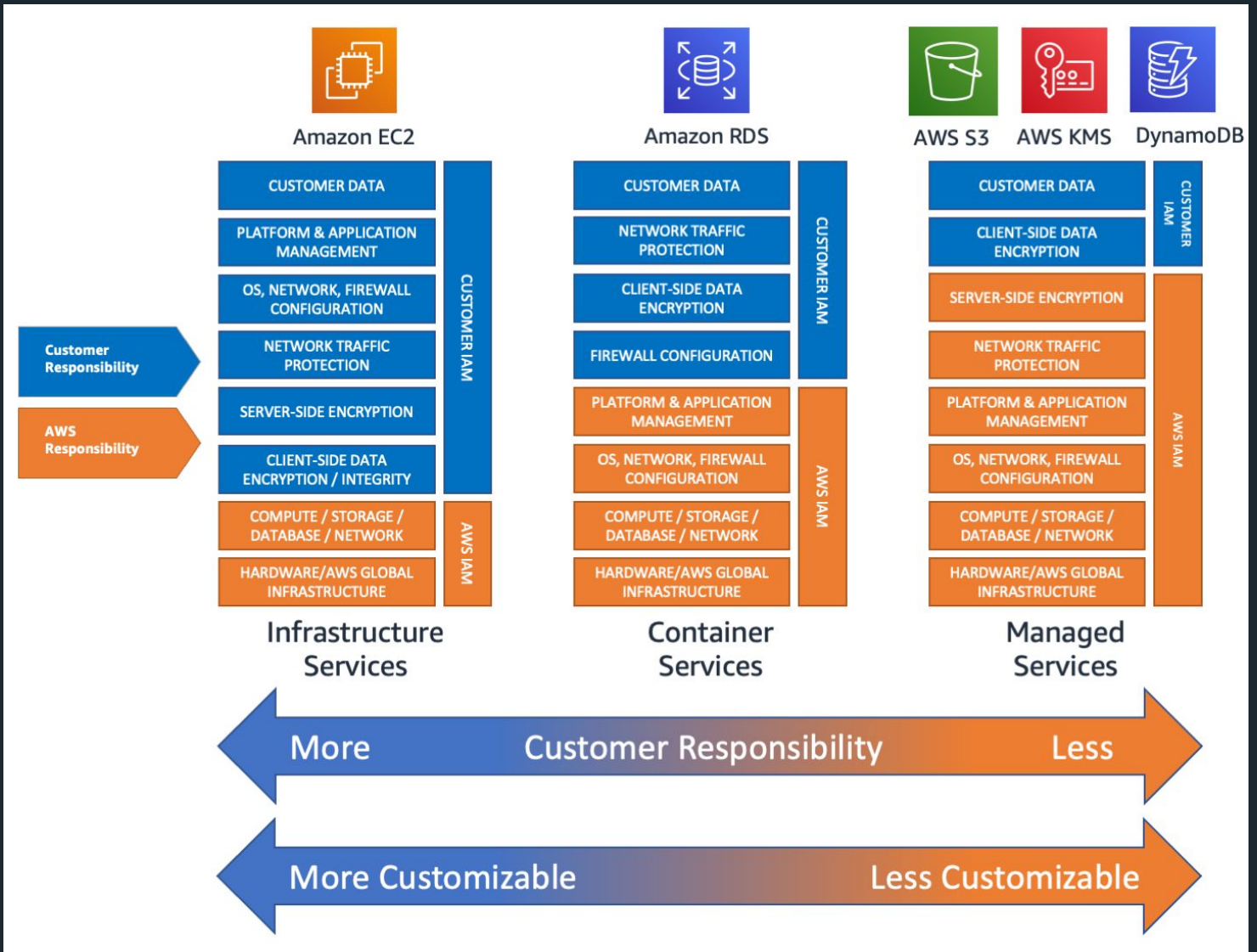
Paolo Latella



Shared Responsibility Model

Security IN the Cloud

Security OF the Cloud



Digital Sovereignty



DATA RESIDENCY



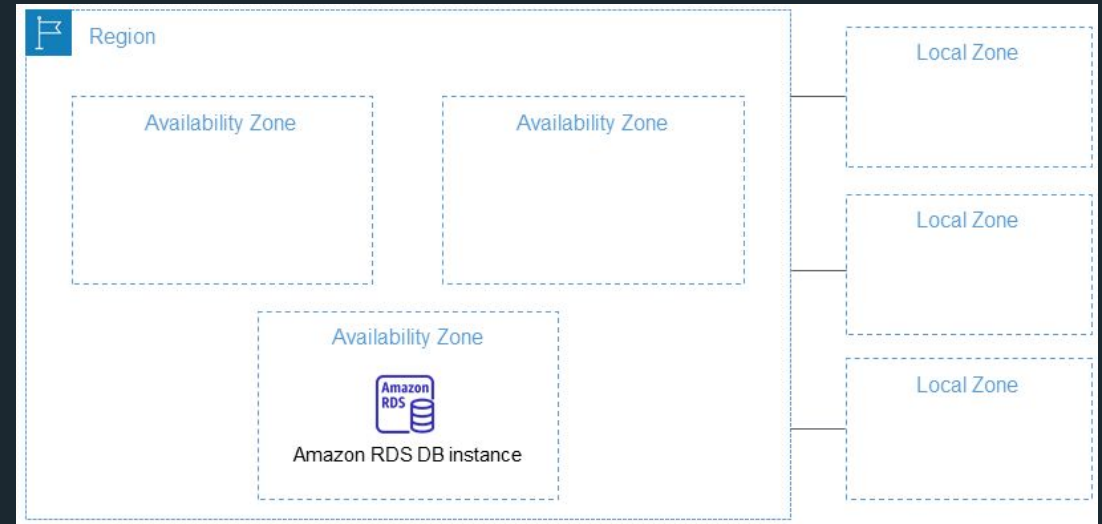
DATA PROTECTION



DATA RESILIENCY

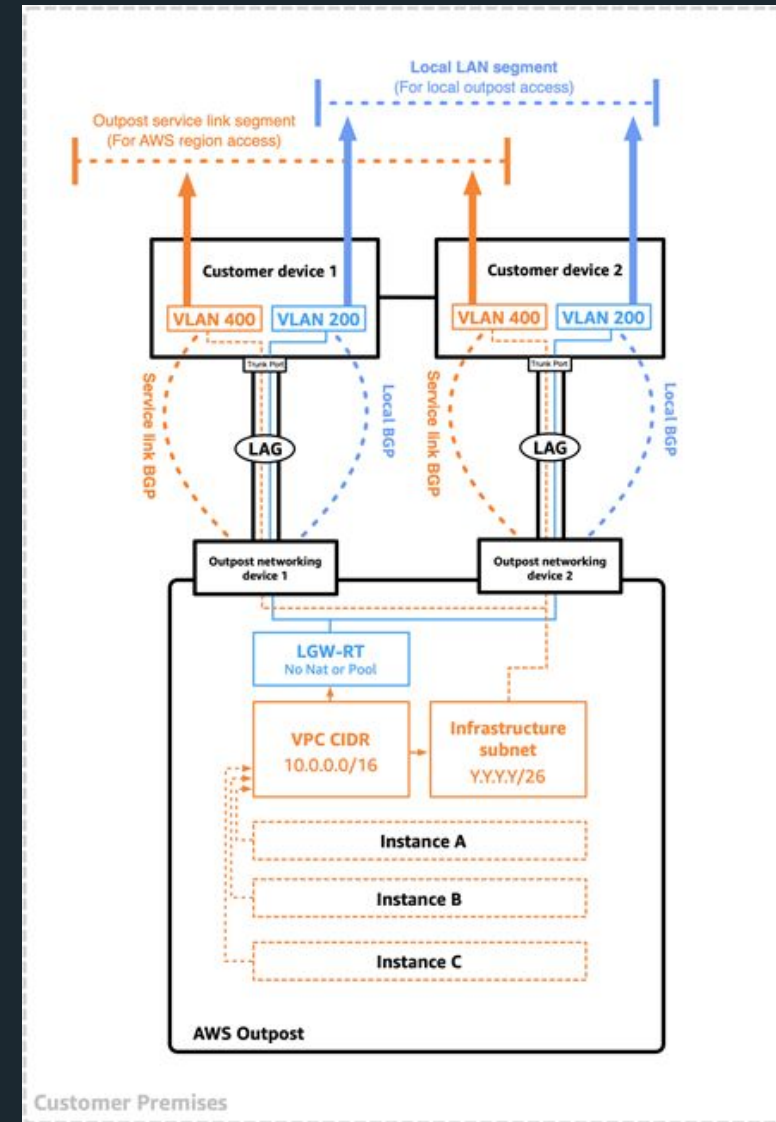
Data Residency

- Regions
 - Availability Zones
- Local Zones
- AWS Outposts



AWS Outposts

- **Run AWS Services on premises:** extend AWS compute, networking, security, and other services on premises for low latency, local data processing, and data residency needs.
- **Fully managed infrastructure:** reduce the time, resources, operational risk, and maintenance downtime required to manage IT infrastructure with a fully managed experience.
- **Truly consistent hybrid experience:** Use the same hardware infrastructure, APIs, tools, and management controls available in the cloud to provide a truly consistent developer and IT operations experience.



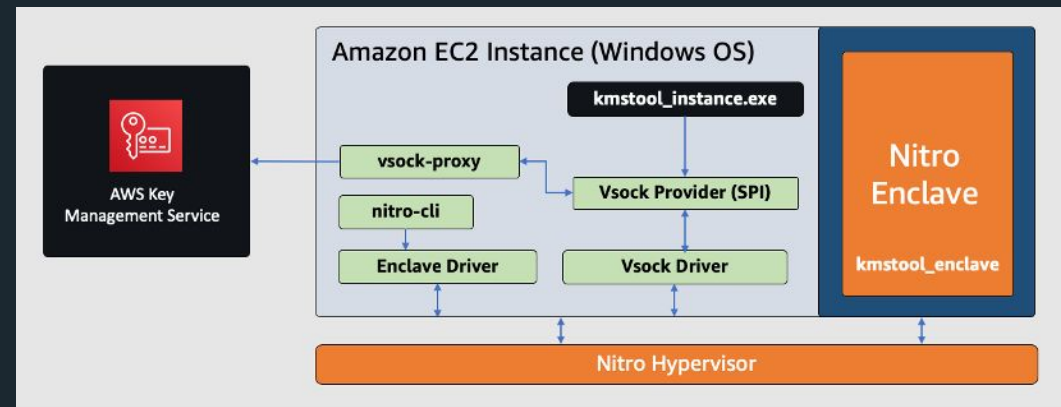
Data Protection

- Control over Data access
 - IAM, Nitro System, VPC
- Encrypt everything and everywhere
 - KMS, HSM
- Backup and DR
 - AWS Backup e DRS



AWS Nitro System

AWS Nitro Enclaves enables customers to create isolated compute environments to further protect and securely process highly sensitive data such as personally identifiable information (PII), healthcare, financial, and intellectual property data within their Amazon EC2 instances.





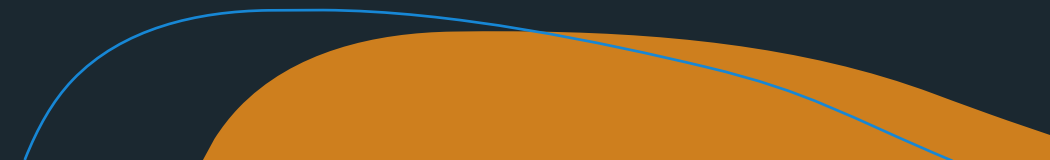
Data Resiliency

Deliver business continuity by recovering data and applications to meet your Recovery Point Objectives and Recovery Time Objectives (RPO/RTO).

Protect your data with storage designed for 99.999999999 (11 9s) of durability and multi Availability Zone resilience.

Safeguard your data with unmatched security, compliance, and audit capabilities.

Recover data with options from granular restore to recovery across AWS accounts, AWS Regions, and on-premises environments.





Thank You

