

Understanding the shared responsibility Model

Questions	Notes
AWS-responsability	<ul style="list-style-type: none">• Security of the cloud• AWS is responsible for its global infra elemenets: Regiions , edge locations , and AZ• AWS controls access to its data centers where your data resides• Networking componenets: generators,power supply,...• Software: is responsible for any managed service like RDS , S3 , ECS , or Lambda patching of host operating system , and data access enpoints
YOU-resposability: You are responsible for how the services are implemented and managing your application data	<ul style="list-style-type: none">• Application data : including encryption• security Configuration : securing your account and API calls , rotating credentials , restricting internet, access from your VPCs and more• Patching: you are responsible for the guest operating system (os) includes updates and security patches• Identity and access management• Network traffic : you are responsible for network traffic protection which includes security group firewall configuration• Installed software
EC2 Shared responsabilty Model	<ul style="list-style-type: none">• You:<ul style="list-style-type: none">◦ Installed applications◦ patching the guest operating system◦ security controls• AWS:<ul style="list-style-type: none">◦ Ec2 service◦ Patching the host operating system◦ security of the physical hardware
Lambda shared responsabilty Model	<ul style="list-style-type: none">• You:<ul style="list-style-type: none">◦ security of the Code◦ storage of sensitive data◦ IAM for permissions• AWS:<ul style="list-style-type: none">◦ Lambda service◦ Upgrading Lambda languages◦ Lambda endpoints◦ Operating system◦ Underlying infrastructure◦ software dependencies
Security responsibilities shared	<ul style="list-style-type: none">• Patch management• Configuration Management• awareness and training