

E-book

AWS Shared Responsibility Model



 partner network

Premier
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Security at the heart of your business

Cybersecurity poses a big risk for companies today. Without expert guidance, it can be challenging to know how to secure your IT environment.

Amazon Web Services (AWS) places security at the heart of every offering to help you fully realize the speed and agility of the cloud.

AWS engineers work to constantly evolve security services through core capabilities such as identity and access management, logging and monitoring, encryption and key management, network segmentation and standard DDoS protection, as well as advanced services like proactive threat detection.

AWS and Rackspace make it easy to tailor your security to meet the requirements of your business as you grow. As an AWS APN Premier Consulting Partner, Rackspace offers fully vetted solutions and services that work within the well-architected security of AWS to protect your unique environment.

The Shared Responsibility Model

The AWS Shared Responsibility Model (SRM) makes it easy to understand your choices for protecting your unique AWS environment, and it provides you with access to resources that can help you implement end-to-end security quickly and easily.

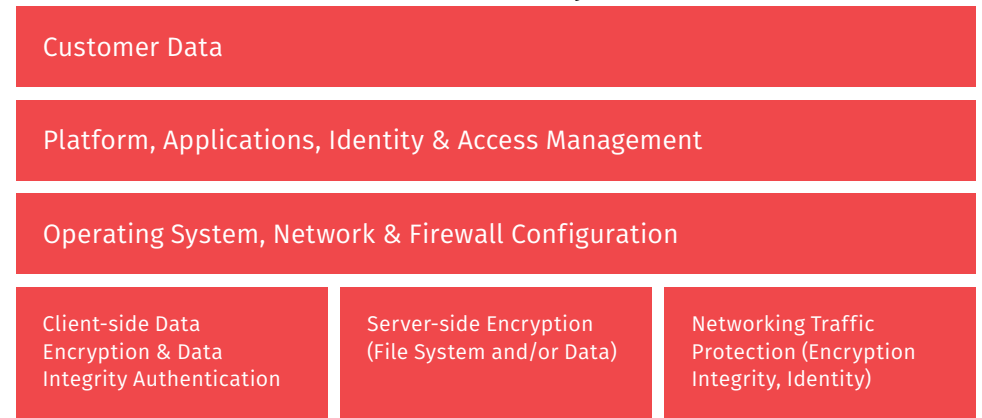
AWS provides *Security of the Cloud* which protects the hardware, software, networking and facilities that run your selected AWS Cloud services.

As a member of the AWS Partner Network, Rackspace can help you fulfill your security responsibilities through solutions and consulting services. Rackspace can also help you control your *Security in the Cloud*, which includes updating and patching the guest operating system, associated application software and configuration of the AWS provided security group firewall.

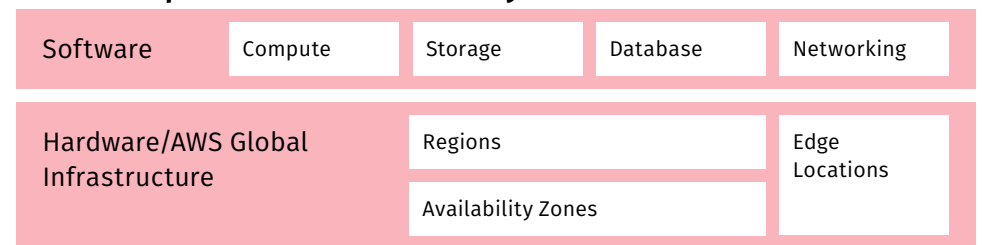
The Shared Responsibility Model empowers you with the clarity, flexibility and control you need to build on the cloud with the utmost confidence.

Security is a shared responsibility between you and your cloud provider.

Customers have their choice of security **IN** the Cloud



AWS is responsible for the security **OF** the Cloud



AWS offers a wide range of certifications and attestations, covering compliance programs from around the globe. [Learn more here.](#)

Security is our top priority

AWS offers both a secure cloud computing environment and innovative security services that satisfy the security and compliance needs of the most risk-sensitive organizations.

With AWS and Rackspace, you can transform the way you do business, automating security and compliance tasks to reduce risk so you can grow and innovate faster, freeing up resources to focus on your customers and core business needs.



Build with the highest standards for privacy and data security

AWS is vigilant about your privacy. With AWS, you can build on a secure global infrastructure, knowing you always own your data, including the ability to encrypt it, move it and manage retention.

AWS provides tools that allow you to easily encrypt your data in transit and at rest to help ensure that only authorized users can access it. Keys are managed by AWS Key Management Service (AWS KMS), or you or Rackspace can manage your own encryption keys with AWS CloudHSM using FIPS 140-2 Level 3 validated HSMs.

AWS also gives you the control and visibility you need to help demonstrate that you comply with regional and local data privacy laws and regulations. The design of global AWS infrastructure allows you to retain complete control over the regions in which your data is physically located, helping you meet data residency requirements.

AWS has a world-class team of security experts monitoring systems 24x7x365 to protect your content.

Scale securely with superior visibility and control

With AWS and managed services from Rackspace, you control where your data is stored, who can access it, and what resources your organization is consuming at any given moment. Fine-grain identity and access controls combined with continuous monitoring for near real-time security information helps to ensure that the right resources have the proper levels of access at all times, wherever your information is stored.

Reduce risk as you scale by using security automation and activity monitoring services that detect suspicious security events, like configuration changes, across your ecosystem. You can even integrate services with your existing solutions to support current workflows, streamline your operations and simplify compliance reporting.



Automate and reduce risk with deeply integrated services

The automation of security tasks on AWS heightens security by reducing human configuration errors and giving your team more time to focus on business-critical work. Select from a wide variety of deeply integrated solutions that can be combined to automate tasks in novel ways, making it easier for your security team to work closely with developer and operations teams to create and deploy code faster and more securely.

For example, by employing technologies like machine learning, AWS enables you to automatically and continuously discover, classify and protect sensitive data in AWS with just a few clicks in the AWS Management Console.

You can also automate infrastructure and application security checks to continually enforce your security and compliance controls and help enable confidentiality, integrity and availability at all times.

Automate in a hybrid environment with information management and security tools that can easily integrate AWS into a seamless and secure extension of your on-premises and legacy environments.

Select from the largest ecosystem of security partners and solutions

Extend the benefits of AWS by using security technology and consulting services from Rackspace. AWS has carefully selected Rackspace for its deep expertise and proven success securing every stage of cloud adoption, from initial migration through ongoing, day-to-day management.

The AWS Partner Network (APN) is a global program of Technology and Consulting Partners, many of whom specialize in delivering security-focused solutions and services for your specific workloads and use cases. APN Partner solutions enable automation and agility and scaling with your workloads.

These solutions work together to help secure your data in ways not possible on-premises, with solutions available for a wide range of workloads and use cases.

AWS Security Hub

When it comes to your cloud security, there's no reason to go it alone. AWS and Rackspace have you covered every step of the way from Security of the Cloud managed by AWS engineers to an extensive network of partners like Rackspace who can help you handle Security in the Cloud.

AWS Security Hub can automatically aggregate security findings data from supported AWS Partner Network (APN) security solutions, so you can have a comprehensive view of security and compliance across your AWS environment.

As an AWS Security Hub Partner, Rackspace can provide you with managed security services on top of your AWS security tools. You'll receive 24x7x365 monitoring, advanced analysis and threat remediation from certified security experts.

Learn more about our deployment, configuration, investigation of findings and ongoing management services for AWS Security Hub and Amazon Guard Duty in the Cloud-Native Security Service Overview.

For more information, visit www.rackspace.com/en-us/managed-aws/capabilities/security.

View our [on-demand webinar](#).

Security is a shared responsibility. Build confidently on AWS.

Synchronoss serves data – and memories – for tens of millions

Synchronoss makes it a breeze for subscribers across the globe to switch to new smartphones, counting on Rackspace’s managed services for AWS to help keep precious memories and sensitive data safe.

The obstacles they faced

After the explosive success of its content transfer service, Synchronoss needed to process 300 terabytes per day of highly personal subscriber data, preventing the company from focusing on its core business.

What we achieved together

By partnering with Rackspace to harness AWS technology, Synchronoss can provide a reliable, secure personal cloud solution at massive scale, helping tens of millions of subscribers maintain cherished memories across devices.

How we helped

IT Transformation; Professional Services; Managed Hosting – Dedicated Servers; Managed Hybrid Cloud; Managed Public Cloud – Service Blocks – AWS; Infrastructure – Storage



“Rackspace makes us great because we can deliver the best possible experience to our customers...”

Mary Clark
Chief Product Officer and
CMO, Synchronoss

About Rackspace

At Rackspace, we accelerate the value of the cloud during every phase of digital transformation. By managing apps, data, security and multiple clouds, we are the best choice to help customers get to the cloud, innovate with new technologies and maximize their IT investments. As a recognized Gartner Magic Quadrant leader, we are uniquely positioned to close the gap between the complex reality of today and the promise of tomorrow. Passionate about customer success, we provide unbiased expertise, based on proven results, across all the leading technologies. And across every interaction worldwide, we deliver Fanatical Experience™. Rackspace has been honored by Fortune, Forbes, Glassdoor and others as one of the best places to work.

Learn more at www.rackspace.com or call 1-800-961-2888.

 Premier Consulting Partner ISV Workload Migration Microsoft Workloads Competency Amazon EC2 for Microsoft Windows Server	 Premier Consulting Partner MSP Partner Solution Provider Well Architected Public Sector Partner Immersion Day Partner	 Premier Consulting Partner Storage Competency Financial Services Competency Oracle Competency DevOps Competency Migration Competency	 Premier Consulting Partner AWS Database Migration Service Amazon RDS Amazon Aurora Amazon CloudFront AWS CloudFormation	 Premier Consulting Partner IoT Competency Industrial Software Competency Retail Competency Data & Analytics Competency Education Competency	 Premier Consulting Partner IoT Competency Industrial Software Competency Retail Competency Healthcare Competency Data & Analytics Competency
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