



## AWS Security Blog

# All AWS Services GDPR ready

by Chad Woolf | on 26 MAR 2018 | in [Amazon GuardDuty](#), [Amazon Inspector](#), [Amazon Macie](#), [AWS Config](#), [Compliance](#), [Security](#), [Identity, & Compliance](#), [Webinars](#) | [Permalink](#) | [Comments](#) | [Share](#)

Today, I'm very pleased to announce that AWS services comply with the General Data Protection Regulation (GDPR). This means that, in addition to benefiting from all of the measures that AWS already takes to maintain services security, customers can deploy AWS services as a key part of their GDPR compliance plans.

This announcement confirms we have completed the entirety of our GDPR service readiness audit, validating that all generally available services and features adhere to the high privacy bar and data protection standards required of data processors by the GDPR. We completed this work two months ahead of the May 25, 2018 enforcement deadline in order to give customers and APN partners an environment in which they can confidently build their own GDPR-compliant products, services, and solutions.

AWS's GDPR service readiness is only part of the story; we are continuing to work alongside our customers and the AWS Partner Network (APN) to help on their journey toward GDPR compliance. Along with this announcement, I'd like to highlight the following examples of ways AWS can help you accelerate your own GDPR compliance efforts.

### Security of Personal Data

During our GDPR service readiness audit, our security and compliance experts confirmed that AWS has in place effective technical and organizational measures for data processors to secure personal data in accordance with the GDPR. Security remains our highest priority, and we continue to innovate and invest in a high bar for security and compliance across all global operations. Our industry-leading functionality provides the foundation for our long list of internationally-recognized certifications and accreditations, demonstrating compliance with rigorous international standards, such as ISO 27001 for technical measures, [ISO 27017](#) for cloud security, [ISO 27018](#) for cloud privacy, SOC 1, SOC 2 and SOC 3, PCI DSS Level 1, and EU-specific certifications such as BSI's [Common Cloud Computing Controls Catalogue \(C5\)](#). AWS continues to pursue the certifications that assist our customers.

### Compliance-enabling Services

Many requirements under the GDPR focus on ensuring effective control and protection of personal data. AWS services give you the capability to implement your own security measures in the ways you need in order to enable your compliance with the GDPR, including specific measures such as:

- Encryption of personal data
- Ability to ensure the ongoing confidentiality, integrity, availability, and resilience of processing systems and services
- Ability to restore the availability and access to personal data in a timely manner in the event of a physical or technical incident

- Processes for regularly testing, assessing, and evaluating the effectiveness of technical and organizational measures for ensuring the security of processing

This is an advanced set of security and compliance services that are designed specifically to handle the requirements of the GDPR. There are numerous AWS services that have particular significance for customers focusing on GDPR compliance, including:

- [Amazon GuardDuty](#) – a security service featuring intelligent threat detection and continuous monitoring
- [Amazon Macie](#) – a machine learning tool to assist discovery and securing of personal data stored in Amazon S3
- [Amazon Inspector](#) – an automated security assessment service to help keep applications in conformity with best security practices
- [AWS Config Rules](#) – a monitoring service that dynamically checks cloud resources for compliance with security rules

Additionally, we have published a whitepaper, "[Navigating GDPR Compliance on AWS](#)," dedicated to this topic. This paper details how to tie GDPR concepts to specific AWS services, including those relating to monitoring, data access, and key management. Furthermore, our [GDPR Center](#) will give you access to the up-to-date resources you need to tackle requirements that directly support your GDPR efforts.

### **Compliant DPA**

We [offer](#) a GDPR-compliant Data Processing Addendum (DPA), enabling you to comply with GDPR contractual obligations.

### **Conformity with a Code of Conduct**

GDPR introduces adherence to a "code of conduct" as a mechanism for demonstrating sufficient guarantees of requirements that the GDPR places on data processors. In this context, we previously announced compliance with the CISPE Code of Conduct. The CISPE Code of Conduct provides customers with additional assurances regarding their ability to fully control their data in a safe, secure, and compliant environment when they use services from providers like AWS. More detail about the CISPE Code of Conduct can be found at: <https://aws.amazon.com/compliance/cispe/>

### **Training and Summits**

We can provide you with training on navigating GDPR compliance using AWS services via our Professional Services team. This team has a GDPR workshop offering, which is a two-day facilitated session customized to your specific needs and challenges. We are also providing GDPR presentations during our AWS Summits in European countries, as well as San Francisco and Tokyo.

### **Additional Resources**

Finally, we have teams of compliance, data protection, and security experts, as well as the APN, helping customers across Europe prepare for running regulated workloads in the cloud as the GDPR becomes enforceable. For additional information on this, please contact your AWS Account Manager.

As we move towards May 25 and beyond, we'll be posting a series of blogs to dive deeper into GDPR-related concepts along with how AWS can help. Please visit our [GDPR Center](#) for more information. We're excited about being your partner in fully addressing this important regulation.

-Chad Woolf

Vice President, AWS Security Assurance

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