Hewlett Packard Enterprise

Solutions   Services   Products   About Us   Support

Community
Grounded in the Cloud

Menu   Forums NEW ARTICLE Blogs   Information   ENGLISH   LOG IN

Blog Options ⌄ |

Cloud Security 101: What are Safe Harbor and GDPR Regulations?

ChrisSteffen | 06-21-2016 06:29 AM

This is the fifth blog of a series that provides the basics of information security in the cloud. In this series, we will provide definitions and best practices for many of the elements that should be considered as part of a cloud security program. In addition to a blog, each topic will also have a short video, providing some additional information on the subject. The previous blog and video discussed the topic: "What is Data Sovereignty?" In this installment, we will be discussing the topic: "What are Safe Harbor and GDPR Regulations?"

 The Safe Harbor Principles and the General Data Protection Regulation (GDPR) are two of the many laws / regulations that are part of the data sovereignty discussion. Specifically, the Safe Harbor Principles is an agreement between the European Union and the United States which allowed some US based companies to comply with EU Data Privacy Protection regulations. The GDPR is a new regulation adopted by the European Commission that strengthens and unifies data protection standards for citizens of the EU.

Some historical background: in July 2000, the United States and the European Commission agreed on what came to be known as the Safe Harbor Principles privacy regulations. Then, in October 2015, those regulations were invalidated by the European Court of Justice, and required that US

and the EU to come up with a new arrangement. In February 2016, they came to a tentative agreement (called the Privacy Shield), only to find out in April 2016 that the agreement still did not provide adequate privacy guarantees. Before the invalidation of the Safe Harbor Principles, the European Commission reviewed a draft of the GDPR in January 2012. In April 2016, the EU Parliament adopted the regulation, and the regulation will take effect after a two year transition period.

Those selecting a cloud infrastructure should research the latest updates on data sovereignty regulations, specifically to understand and evaluate the impact of these regulations on their cloud workloads and data. Most cloud providers have the ability to move or segregate workloads based on data locality requirements – make certain that the contract and SLAs specify these types of requirements.

Data sovereignty and privacy regulations differ significantly worldwide, and the regulations discussed here are just a single example of how privacy laws can potentially effect businesses with a global reach. A recent study showed that there are at least 109 countries that have some kind of data privacy regulations, and that number continues to increase annually. With the continued globalization of technological infrastructure and the expansion of cloud related services to on traditional technological hubs, understanding these types of data regulations can potentially decrease a company's liability and compliance costs and allow a company to evaluate the risks of implementing a cloud solution subject to these types of regulations.

Cloud Security 101 Series: What are Safe Harbor, EU, and the GDPR?

For the next blog in this series, we will discuss the cloud security topic: "What is Identity Management?" To learn more about hybrid cloud security, <u>download the whitepaper</u> from 451 Research Group. You can also learn more about the <u>HPE Right Mix hybrid cloud</u>, as well as the <u>Right Mix approach to cloud security</u>. To find the additional parts, please search for Cloud Security 101.

<u>*Download the whitepaper*</u>

451 Research: Critical Security and Compliance Considerations for Hybrid Cloud Deployments

Get research
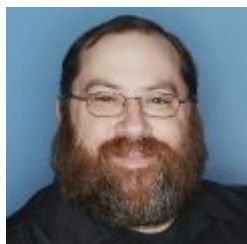
Download the Whitepaper

Everyone's tags (5):

cloud security   Cloud Security 101   HPE Helion   HPE hybrid cloud security   hybrid cloud

Labels: HPE Cloud

0 KUDOS

ABOUT THE AUTHOR

ChrisSteffen

Chris Steffen is the Chief Evangelist for HPE Cloud Security. He is part of the HPE Helion team that works to educate and promote information security as it relates to cloud computing solutions. Before joining HPE, Chris spent over 15 years as an IT executive and security practitioner in multiple industries, including financial services, manufacturing and government. He is a noted industry expert, and has multiple technical certifications, including CISSP and CISA. You can follow him on Twitter at @CloudSecChris.

Leave a Comment

We encourage you to share your comments on this post.
Comments are moderated and will be reviewed
and posted as promptly as possible during regular
business hours

To ensure your comment is published, be sure to follow
the Community Guidelines.

*Name

*Email

Website (optional)

http://

RICH TEXT　　PREVIEW

QUOTE

B　　*I*　　U　　S　　A　　　　Font Family ▾

Font Sizes ▾　A　　　　▾　　⦂≣　　≣

🔍　　↶　　↷　　🔗　　📷　　</>　　ᴬᴮᶜ　▾　　≣　　≣

66　　—　　*T*ₓ　　Xₐ　　Xˣ　　🖨

I'm not a robot

reCAPTCHA
Privacy - Terms

POST YOUR COMMENT   CANCEL

Blog Options ⌄ |

Latest Comments

Jatheon on: Using private cloud storage for file sync, sharing...

Ramkumar Devanathan on: My Cloud Learning Journey: Part 8 "The Big Picture...

MarkNeuhausen on: Busting the Eight Fallacies of the Public Cloud!

ChrisSteffen on: Cloud Security 101: What are Cloud Security Contro...

MarkNeuhausen on: Why the Public Cloud is NOT For You!

Labels

Cloud 2
cloud computing 1
cloud computing book 1
cloud computing video 5
cloud management 4
cloud monitoring soluiton 1
Cloud Tech Day 2
cloud video 1

Archives

February 2018

View Complete Archives

Events

HPE at 2018 Technology Events | See posts for dates
See posts for locations

Learn about the technology events where Hewlett Packard Enterprise will have a presence in 2018.

Read more

HPE Webinars - 2018 | See posts for dates | Online

Find out about this year's live broadcasts and on-demand webinars.

Read more

View all

What's New

StorageWorks 4/8 switch factory reset

Posted to: **StoreFabric Switches**

Original author: **greenwulf**

Is it possible to install Windows 10 on a HP Micro G7 N36L MicroServer?

Posted to: **ProLiant Servers (ML,DL,SL)**

Original author: **secondstory**

can anyone guide me about latest laser printers that have 3d caapcity

Posted to: **General Feedback and Suggestions**

Original author: **cathy212222**

View all

United States

Corporate	**Partners**	**Social**	**Communities**	**Customer Resources**
About HPE	Partner Programs	LinkedIn	HPE Blogs and Forum	How to buy
Accessibility	Find a Partner	Facebook		Enterprise Store
Careers		Twitter		Public Sector Store
Contact Us		YouTube		Education and Training
Corporate Responsibility				Email Signup
Events				Executive Briefing Centers
Hewlett Packard Labs				Look up old HP.com URL
Investor Relations				
Leadership				
Newsroom				
Public Policy				
Sitemap				

Legal

Privacy

Terms of Use

Ad Choices & Cookies

Supply Chain Transparency

HPE employees: Report website issues