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Lexie Roth works as a cloud security engineer in an IT company located in Boston, Massachusetts. Her organization generates a huge amount of data. To increase the storage size, speed, and fault tolerance, Lexie would like to configure and create a RAID. Therefore, she created a RAID on Windows Server 2016, which includes block-level striping with a distributed parity. The parity information is distributed among all drives, except one. The data chunks in the RAID are larger than the regular I/O size, but they can be re-sized. To prevent data loss after a drive fails, data are calculated from the distributed parity. The RAID configured by Lexie requires at least three disks, but for robust performance, Lexie used seven disks. Based on the given information, which of the following RAID was configured and created by Lexie?

- A. RAID 3
- B. RAID 5
- C. RAID 1
- D. RAID 0

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

Cindy Williams has been working as a cloud security engineer in an IT company situated in Austin, Texas. Owing to the robust security and cost-effective features provided by AWS, her organization adopted AWS cloud-based services. Cindy has deployed an application in the Amazon Elastic Compute Cloud (EC2) instance. Which of the following cloud computing service model does the Amazon EC2 instance represent?

- A. SaaS
- B. DaaS
- C. PaaS
- D. IaaS

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

Billy Pratt works as a cloud security engineer in an MNC. In 2012, his organization transferred all applications and data into an AWS cloud environment. Billy would like to analyze, investigate, and identify the root cause of malicious activities in his organization's AWS cloud environment. Which of the following Amazon services automatically collects data from various AWS resources and utilizes machine learning, statistical analysis, and graph theory to provide a unified and interactive view of resources and users that would help Billy in determining the root cause of suspicious activities?

- A. Amazon Inspector
- B. Amazon Detective
- C. Amazon GuardDuty
- D. Amazon Macie

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

The TCK Bank adopts cloud for storing the private data of its customers. The bank usually explains its information sharing practices to its customers and safeguards sensitive data. However, there exist some security loopholes in its information sharing practices. Therefore, hackers could steal the critical data of the bank's customers. In this situation, under which cloud compliance framework will the bank be penalized?

- A. ITAR
- B. GLBA
- C. NIST
- D. GDPR

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

Gabriel Bateman has been working as a cloud security engineer in an IT company for the past 5 years. Owing to the recent onset of the COVID-19 pandemic, his organization has given the provision to work from home to all employees. Gabriel's organization uses Microsoft Office 365 that allows all employees access files, emails, and other Office programs securely from various locations on multiple devices. Who among the following is responsible for patch management in Microsoft Office 365?

- A. Both Gabriel's organization and Microsoft share responsibilities for patch management
- B. Gabriel's organization should outsource patch management to a third party
- C. Gabriel's organization is entirely responsible for patch management
- D. Microsoft is entirely responsible for patch management

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

Kelsey Lewis has been working as a cloud security engineer in a BPO company that provides 24 × 7 customer service. Owing to the cost-effective storage and security features provided by cloud computing, her organization adopted the cloud environment 4 years ago. Kelsey implemented the TLS protocol to provide security to e-mail communications, voice over IP (VoIP) communication, web traffic, messaging clients, file transfers, and internet services (Domain Name Service (DNS) and Network Time Protocol (NTP)). Which certificate is used by TLS for communication authentication and encryption between hosts?

- A. X.507 certificates issued by the Certificate Authority
- B. X.508 certificates issued by the Certificate Authority
- C. X.506 certificate issued by the Certificate Authority
- D. X.509 certificates issued by the Certificate Authority

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

Tom Holland works as a cloud security engineer in an IT company located in Lansing, Michigan. His organization has adopted cloud-based services wherein user access, application, and data security are the responsibilities of the organization, and the OS, hypervisor, physical, infrastructure, and network security are the responsibilities of the cloud service provider. Based on the aforementioned cloud security shared responsibilities, which of the following cloud computing service models is enforced in Tom's organization?

- A. Software-as-a-Service
- B. On-Premises
- C. Infrastructure-as-a-Service
- D. Platform-as-a-Service

**Correct Answer:** C

Currently there are no comments in this discussion, be the first to comment!

An organization, PARADIGM PlayStation, moved its infrastructure to a cloud as a security practice. It established an incident response team to monitor the hosted websites for security issues. While examining network access logs using SIEM, the incident response team came across some incidents that suggested that one of their websites was targeted by attackers and they successfully performed an SQL injection attack. Subsequently, the incident response team made the website and database server offline. In which of the following steps of the incident response lifecycle, the incident team determined to make that decision?

- A. Containment
- B. Analysis
- C. Coordination and information sharing
- D. Post-mortem

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Global CloudEnv is a cloud service provider that provides various cloud-based services to cloud consumers. The cloud service provider adheres to the framework that can be used as a tool to systematically assess cloud implementation by providing guidance on the security controls that should be implemented by specific actors within the cloud supply chain. It is used as the standard to assess the security posture of organizations on the Security, Trust, Assurance, and Risk (STAR) registry. Based on the given information, which of the following cybersecurity control frameworks does Global CloudEnv adhere to?

- A. CDMI
- B. CSA CAIQ
- C. CSA CCM
- D. ITU-T X.1601

**Correct Answer:** C

Currently there are no comments in this discussion, be the first to comment!

Global SoftTechSol is a multinational company that provides customized software solutions and services to various clients located in different countries. It uses a public cloud to host its applications and services. Global SoftTechSol uses Cloud Debugger to inspect the current state of a running application in real-time, find bugs, and understand the behavior of the code in production. Identify the service provider that provides the Cloud Debugger feature to Global SoftTechSol?

- A. Google
- B. IBM
- C. Azure
- D. AWS

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Samuel Jackson has been working as a cloud security engineer for the past 12 years in VolkSec Pvt. Ltd., whose applications are hosted in a private cloud. Owing to the increased number of users for its services, the organization is finding it difficult to manage the on-premises data center. To overcome scalability and data storage issues, Samuel advised the management of his organization to migrate to a public cloud and shift the applications and data. Once the suggestion to migrate to public cloud was accepted by the management, Samuel was asked to select a cloud service provider. After extensive research on the available public cloud service providers, Samuel made his recommendation. Within a short period, Samuel along with his team successfully transferred all applications and data to the public cloud. Samuel's team would like to configure and maintain the platform, infrastructure, and applications in the new cloud computing environment. Which component of a cloud platform and infrastructure provides tools and interfaces to Samuel's team for configuring and maintaining the platform, infrastructure, and application?

- A. Virtualization Component
- B. Computer Component
- C. Physical and Environment Component
- D. Management Component

**Correct Answer:** D

Currently there are no comments in this discussion, be the first to comment!

Global InfoSec Solution Pvt. Ltd. is an IT company that develops mobile-based software and applications. For smooth, secure, and cost-effective facilitation of business, the organization uses public cloud services. Now, Global InfoSec Solution Pvt. Ltd. is encountering a vendor lock-in issue. What is vendor lock-in in cloud computing?

- A. It is a situation in which a cloud consumer cannot switch to another cloud service provider without substantial switching costs
- B. It is a situation in which a cloud service provider cannot switch to another cloud service broker without substantial switching costs
- C. It is a situation in which a cloud consumer cannot switch to a cloud carrier without substantial switching costs
- D. It is a situation in which a cloud consumer cannot switch to another cloud service broker without substantial switching costs

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Richard Roxburgh works as a cloud security engineer in an IT company. His organization was dissatisfied with the services of its previous cloud service provider. Therefore, in January 2020, his organization adopted AWS cloud-based services and shifted all workloads and data in the AWS cloud. Richard wants to provide complete security to the hosted applications before deployment and while running in the AWS ecosystem. Which of the following automated security assessment services provided by AWS can be used by Richard to improve application security and check the application for any type of vulnerability or deviation from the best practices automatically?

- A. AWS CloudFormation
- B. Amazon Inspector
- C. AWS Control Tower
- D. Amazon CloudFront

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

GlobalCloud is a cloud service provider that offers various cloud-based secure and cost-effective services to cloud consumers. The customer base of this organization increased within a short period; thus, external auditing was performed on GlobalCloud. The auditor used spreadsheets, databases, and data analyzing software to analyze a large volume of data. Based on the given information, which cloud-based audit method was used by the auditor to collect the objective evidence?

- A. CAAT
- B. Re-Performance
- C. Striping
- D. Gap Analysis

**Correct Answer: A**

Currently there are no comments in this discussion, be the first to comment!

Rebecca Mader has been working as a cloud security engineer in an IT company located in Detroit, Michigan. Her organization uses AWS cloud-based services. An application is launched by a developer on an EC2 instance that needs access to the S3 bucket (photos). Rebecca created a get-pics service role and attached it to the EC2 instance. This service role comprises a permission policy that allows read-only access to the S3 bucket and a trust policy that allows the instance to assume the role and retrieve temporary credentials. The application uses the temporary credentials of the role to access the photo bucket when it runs on the instance. Does the developer need to share or manage credentials or does the admin need to grant permission to the developer to access the photo bucket?

- A. Yes, the developer has to share or manage credentials, but the admin does not have to grant permission to the developer to access the photo bucket
- B. No, the developer never has to share or manage credentials and the admin does not have to grant permission to the developer to access the photo bucket
- C. No, the developer never has to share or manage credentials, but the admin has to grant permission to the developer to access the photo bucket
- D. Yes, the developer should share or manage credentials and the admin should grant permission to the developer to access the photo bucket

**Correct Answer:** B

Currently there are no comments in this discussion, be the first to comment!

Cindy Williams works as a cloud security engineer in an IT company located in Seattle, Washington. Owing to the cost-effective security, governance, and storage features provided by AWS, her organization adopted AWS cloud-based services. Cindy would like to detect any unusual activity in her organization's AWS account. She would like to obtain the event history of her organization's AWS account activity for security analysis and resource change tracking. Which of the following AWS service enables operational auditing, compliance, governance, and risk auditing for her organization's AWS account?

- A. AWS Security Hub
- B. AWS CloudTrail
- C. AWS Config
- D. AWS CloudFormation

**Correct Answer:** B

Currently there are no comments in this discussion, be the first to comment!

Katie Holmes has been working as a cloud security engineer over the past 7 years in an MNC. Since the outbreak of the COVID-19 pandemic, the cloud service provider could not provide cloud services efficiently to her organization. Therefore, Katie suggested to the management that they should design and build their own data center. Katie's requisition was approved, and after 8 months, Katie's team successfully designed and built an on-premises data center. The data center meets all organizational requirements; however, the capacity components are not redundant. If a component is removed, the data center comes to a halt. Which tier data center was designed and constructed by Katie's team?

- A. Tier III
- B. Tier I
- C. Tier II
- D. Tier IV

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

Daffod is an American cloud service provider that provides cloud-based services to customers worldwide. Several customers are adopting the cloud services provided by Daffod because they are secure and cost-effective. Daffod complies with the cloud computing law enacted in the US to realize the importance of information security in the economic and national security interests of the US. Based on the given information, which law order does Daffod adhere to?

- A. FERPA
- B. FISMA
- C. ECPA
- D. CLOUD

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

Falcon Computers is an IT company that runs its IT infrastructure on the cloud. The organization must implement cloud governance in its corporate cloud environment to align its business vision with the cloud vision. Which of the following cloud governance components can help the organization to align the cloud vision and business vision?

- A. Cloud business office
- B. Processes for the cloud service lifecycle
- C. Cloud center of excellence
- D. Norms, models, reference architectures, best practices, guidelines, and policies

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

The GCP environment of a company named Magnitude IT Solutions encountered a security incident. To respond to the incident, the Google Data Incident Response Team was divided based on the different aspects of the incident. Which member of the team has an authoritative knowledge of incidents and can be involved in different domains such as security, legal, product, and digital forensics?

- A. Communications Lead
- B. Operations Lead
- C. Subject Matter Experts
- D. Incident Commander

**Correct Answer:** C

Currently there are no comments in this discussion, be the first to comment!

Jimmi Simpson has been working as a cloud security engineer in an IT company situated in Livonia, Michigan. His organization uses Microsoft Azure's cloud-based services. Jimmi wants a cloud-based, scalable SIEM and SOAR solution that uses threat intelligence and provides intelligent security analytics across his organization. Which of the following Microsoft Azure services provides a single solution for threat visibility, alert detection, threat response, and proactive hunting that reduces the number of attacks, provides a birds-eye view across the organization, generates high volumes of alerts, and ensures long resolution time frames?

- A. Anomaly Detector
- B. Application Insights
- C. Azure Sentinel
- D. Cloud App Security

**Correct Answer:** C

Currently there are no comments in this discussion, be the first to comment!

A security incident has occurred within an organization's AWS environment. A cloud forensic investigation procedure is initiated for the acquisition of forensic evidence from the compromised EC2 instances. However, it is essential to abide by the data privacy laws while provisioning any forensic instance and sending it for analysis. What can the organization do initially to avoid the legal implications of moving data between two AWS regions for analysis?

- A. Create evidence volume from the snapshot
- B. Provision and launch a forensic workstation
- C. Attach the evidence volume to the forensic workstation
- D. Mount the evidence volume on the forensic workstation

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Martin Sheen is a senior cloud security engineer in SecGlob Cloud Pvt. Ltd. Since 2012, his organization has been using AWS cloud-based services. Using an intrusion detection system and antivirus software, Martin noticed that an attacker is trying to breach the security of his organization. Therefore, Martin would like to identify and protect the sensitive data of his organization. He requires a fully managed data security service that supports S3 storage and provides an inventory of publicly shared buckets, unencrypted buckets, and the buckets shared with AWS accounts outside his organization. Which of the following Amazon services fulfills Martin's requirement?

- A. Amazon GuardDuty
- B. Amazon Macie
- C. Amazon Security Hub
- D. Amazon Inspector

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

Melissa George is a cloud security engineer in an IT company. Her organization has adopted cloud-based services. The integration of cloud services has become significantly complicated to be managed by her organization. Therefore, her organization requires a third-party to consult, mediate, and facilitate the selection of a solution. Which of the following NIST cloud deployment reference architecture actors manage cloud service usage, performance, and delivery, and maintains the relationship between the CSPs and cloud consumers?

- A. Cloud Auditor
- B. Cloud Carrier
- C. Cloud Provider
- D. Cloud Broker

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

SeaCloud Soft Pvt. Ltd. is an IT company that develops software and applications related to the healthcare industry. To safeguard the data and applications against attackers, the organization adopted cloud computing. The organization did not trust the cloud service provider; therefore, it implemented an encryption technique that secures data during communication and storage. SeaCloud Soft Pvt. Ltd. performed computation on the encrypted data and then sent the data to the cloud service provider. Based on the given information, which of the following encryption techniques was implemented by SeaCloud Soft Pvt. Ltd.?

- A. Ciphertext attribute-based encryption
- B. Fully homomorphic encryption
- C. Key policy attribute-based encryption
- D. Identity-based encryption

**Correct Answer:** B

Currently there are no comments in this discussion, be the first to comment!

Teresa Ruiz works as a cloud security engineer in an IT company. In January 2021, the data deployed by her in the cloud environment was corrupted, which caused a tremendous loss to her organization. Therefore, her organization changed its cloud service provider. After deploying the workload and data in the new service provider's cloud environment, Teresa backed up the entire data of her organization. A new employee, Barbara Houston, who recently joined Teresa's organization as a cloud security engineer, only backed up those files that changed since the last executed backup. Which type of backup was performed by Barbara in the cloud?

- A. Incremental Backup
- B. Differential Backup
- C. Partial Backup
- D. Full Backup

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Sandra Oliver has been working as a cloud security engineer in an MNC. Her organization adopted the Microsoft Azure cloud environment owing to its on-demand scalability, robust security, and high availability features. Sandra's team leader assigned her the task to increase the availability of organizational applications; therefore, Sandra is looking for a solution that can be utilized for distributing the traffic to backend Azure virtual machines based on the attributes of the HTTP request received from clients. Which of the following Azure services fulfills Sarah's requirements?

- A. Azure ExpressRoute
- B. Azure Sentinel
- C. Azure Front Door
- D. Azure Application Gateway

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

Jayson Smith works as a cloud security engineer in CloudWorld SecCo Pvt. Ltd. This is a third-party vendor that provides connectivity and transport services between cloud service providers and cloud consumers. Select the actor that describes CloudWorld SecCo Pvt. Ltd. based on the NIST cloud deployment reference architecture?

- A. Cloud Provider
- B. Cloud Auditor
- C. Cloud Carrier
- D. Cloud Broker

**Correct Answer:** C

Currently there are no comments in this discussion, be the first to comment!

Ray Nicholson works as a senior cloud security engineer in TerraCloud Sec Pvt. Ltd. His organization deployed all applications in a cloud environment in various virtual machines. Using IDS, Ray identified that an attacker compromised a particular VM. He would like to limit the scope of the incident and protect other resources in the cloud. If Ray turns off the VM, what will happen?

- A. The data required to be investigated will be stored in the VHD
- B. The data required to be investigated will be saved
- C. The data required to be investigated will be recovered
- D. The data required to be investigated will be lost

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

VoxCloPro is a cloud service provider based in South America that offers all types of cloud-based services to cloud consumers. The cloud-based services provided by VoxCloPro are secure and cost-effective. Terra Soft. Pvt. Ltd. is an IT company that adopted the cloud-based services of VoxCloPro and transferred the data and applications owned by the organization from on-premises to the VoxCloPro cloud environment. According to the data protection laws of Central and South American countries, who among the following is responsible for ensuring the security and privacy of personal data?

- A. Cloud Broker
- B. Terra Soft. Pvt. Ltd.
- C. VoxCloPro
- D. Cloud Carrier

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

For securing data, an AWS customer created a key in the Alabama region to encrypt their data in the California region. Two users were added to the key along with an external AWS account. When the AWS customer attempted to encrypt an S3 object, they observed that the key is not listed. What is the reason behind this?

- A. It takes time for new keys to be listed
- B. Encryption key should be in the same region
- C. S3 cannot be integrated with KMS
- D. AWS does not support external AWS accounts

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

Veronica Lauren has an experience of 4 years as a cloud security engineer. Recently, she joined an IT company as a senior cloud security engineer. In 2010, her organization became a victim of a cybersecurity attack in which the attacker breached her organization's cloud security perimeter and stole sensitive information. Since then, her organization started using Google cloud-based services and migrated the organizational workload and data in the Google cloud environment. Veronica would like to detect security breaches in her organization's cloud security perimeter. Which of the following built-in service of Google Security Command Center can help Veronica in monitoring her organization's cloud logging stream and collect logs from one or multiple projects to detect security breaches such as the presence of malware, brute force SSH attempts, and cryptomining?

- A. Web Security Scanner
- B. Container Threat Detection
- C. Security Health Analytics
- D. Event Threat Detection

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

Curtis Morgan works as a cloud security engineer in an MNC. His organization uses Microsoft Azure for office-site backup of large files, disaster recovery, and business-critical applications that receive significant traffic, etc. Which of the following allows Curtis to establish a fast and secure private connection between multiple on-premises or shared infrastructures with Azure virtual private network?

- A. Azure Front Door
- B. Point-to-Site VPN
- C. Site-to-Site VPN
- D. Express Route

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

SecureSoft Solutions Pvt. Ltd. is an IT company that develops mobile-based applications. Owing to the secure and cost-effective cloud-based services provided by Google, the organization migrated its applications and data from on-premises environment to Google cloud. Sienna Miller, a cloud security engineer, selected the Coldline Storage class for storing data in the Google cloud storage bucket. What is the minimum storage duration for Coldline Storage?

- A. 60 days
- B. 120 days
- C. 30 days
- D. 90 days

**Correct Answer: A**

*Community vote distribution*

D (100%)



 **Obdc578** 2 months ago

**Selected Answer: D**

Minimum storage duration for Coldline Storage is 90 days

upvoted 3 times

Rick Warren has been working as a cloud security engineer in an IT company for the past 4 years. Owing to the robust security features and various cost-effective services offered by AWS, in 2010, his organization migrated to the AWS cloud environment. While inspecting the intrusion detection system, Rick detected a security incident. Which of the following AWS services collects logs from various data sources and stores them on a centralized location as logs files that can be used during forensic investigation in the event of a security incident?

- A. AWS CloudFormation
- B. Amazon CloudTrail
- C. Amazon CloudWatch
- D. Amazon CloudFront

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

FinTech Inc. is an IT company that utilizes a cloud platform to run its IT infrastructure. Employees belonging to various departments do not implement the rules and regulations framed by the IT department, which leads to fragmented control and breaches that affect the efficiency of cloud services. How can the organization effectively overcome shadow IT and unwarranted usage of cloud resources in this scenario?

- A. By implementing cloud governance
- B. By implementing cloud risk management
- C. By implementing corporate compliance
- D. By implementing regulatory compliance

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

A multinational company decided to shift its organizational infrastructure and data to the cloud. Their team finalized the service provider. Which of the following is a contract that can define the security standards agreed upon by the service provider to maintain the security of the organizational data and infrastructure and define organizational data compliance?

- A. Service Level Agreement
- B. Compliance Agreement
- C. Service Level Contract
- D. Service Agreement

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

TeratInfo Pvt. Ltd. is an IT company that develops software products and applications for financial organizations. Owing to the cost-effective storage features and robust services provided by cloud computing, TeratInfo Pvt. Ltd. adopted cloud-based services. Recently, its security team observed a dip in the organizational system performance. Susan, a cloud security engineer, reviewed the list of publicly accessible resources, security groups, routing tables, ACLs, subnets, and IAM policies. What is this process called?

- A. Checking for the right implementation of security management
- B. Checking audit and evidence-gathering features in the cloud service
- C. Testing for virtualization management security
- D. Performing cloud reconnaissance

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

Rachel McAdams works as a cloud security engineer in an MNC. A DRaaS company has provided a disaster recovery site to her organization. The disaster recovery sites have partially redundant equipment with daily or weekly data synchronization provision; failover occurs within hours or days with minimum data loss. Based on this information, which of the following disaster recovery sites is provided by the DRaaS company to Rachel's organization?

- A. Hot Site
- B. Cold Site
- C. Remote site
- D. Warm Site

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

A company is a third-party vendor for several organizations and provides them customized software and products to cater to their needs. It recently moved its infrastructure and applications on cloud. Its applications are not working on the cloud as expected. The developers and testers are experiencing significant difficulty in managing and deploying the code in the cloud. Which of the following will help them with automated integration, development, testing, and deployment in the cloud?

- A. Dashboard
- B. DevOps
- C. Vulnerability assessment tool
- D. SIEM

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

Georgia Lyman works as a cloud security engineer in a multinational company. Her organization uses cloud-based services. Its virtualized networks and associated virtualized resources encountered certain capacity limitations that affected the data transfer performance and virtual server communication. How can Georgia eliminate the data transfer capacity thresholds imposed on a virtual server by its virtualized environment?

- A. By restricting the virtual server to bypass the hypervisor and access the I/O card of the physical server directly
- B. By allowing the virtual appliance to bypass the hypervisor and access the I/O card of the physical server directly
- C. By allowing the virtual server to bypass the hypervisor and access the I/O card of the physical server directly
- D. By restricting the virtual appliance to bypass the hypervisor and access the I/O card of the physical server directly

**Correct Answer:** C

Currently there are no comments in this discussion, be the first to comment!

SecAppSol Pvt. Ltd. is a cloud software and application development company located in Louisville, Kentucky. The security features provided by its previous cloud service provider was not satisfactory, and in 2012, the organization became a victim of eavesdropping. Therefore, SecAppSol Pvt. Ltd. changed its cloud service provider and adopted AWS cloud-based services owing to its robust and cost-effective security features. How does SecAppSol Pvt. Ltd.'s security team encrypt the traffic between the load balancer and client that initiate SSL or TLS sessions?

- A. By enabling RADIUS Authentication
- B. By enabling Cloud Identity Aware Proxy
- C. By enabling HTTPS listener
- D. By enabling Amazon GuardDuty

**Correct Answer:** C

Currently there are no comments in this discussion, be the first to comment!

Rachel McAdams works as a senior cloud security engineer in a cloud service provider company. Owing to the robust services and security features provided by her organization, the number of cloud consumers continues to increase. To meet the increasing cloud consumer requirements, her organization decided to build more data centers. Therefore, Rachel's organization formed a new team to design and construct data centers. Rachel is also part of the team and was given the responsibility of designing the data center. How can Rachel maintain a stable temperature in the HVAC unit?

- A. Rachel can design HVAC such that the heat generated by the data center equipment is taken outside and cool air to supply the equipment is taken inside.
- B. Rachel can design HVAC such that the cool air and heat generated by data center equipment should remain inside to stabilize the temperature.
- C. Rachel can design HVAC such that the heat generated by the data center equipment is taken inside and cool air to supply the equipment is taken outside.
- D. Rachel can design HVAC such that the cool air and heat generated by data center equipment should remain outside to stabilize the temperature.

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Jack Jensen works as a cloud security engineer in an IT company located in Madison, Wisconsin. Owing to the various security services provided by Google, in 2012, his organization adopted Google cloud-based services. Jack would like to identify security abnormalities to secure his organizational data and workload. Which of the following is a built-in feature in the Security Command Center that utilizes behavioral signals to detect security abnormalities such as unusual activity and leaked credentials in virtual machines or GCP projects?

- A. Cloud Anomaly Detection
- B. Cloud Armor
- C. Security Health Analytics
- D. Anomaly Detector

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Jordon Bridges works as a cloud security engineer in a multinational company. His organization uses Google cloud-based services (GC) because Google cloud provides robust security services, better pricing than competitors, improved performance, and redundant backup. Using IAM security configuration, Jordon implemented the principle of least privilege. A GC IAM member could be a Google account, service account, Google group, G Suite, or cloud identity domain with an identity to access Google cloud resources. Which of the following identities is used by GC IAM members to access Google cloud resources?

- A. For Google Account, Google group, and service account, the identity used is an email address, whereas in G Suite and cloud identity domain, the identity used is the domain name.
- B. For Google Account, Google group, and G suite, the identity used is an email address, whereas in service account and cloud identity domain, the identity used is the domain name.
- C. For Google Account, Google group, and G suite, the identity used is the domain name, whereas in service account and cloud identity domain, the identity used is an email address.
- D. For Google Account, Google group, and service account, the identity used is the domain name, whereas in G Suite and cloud identity domain, the identity used is an email address.

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Steven Smith has been working as a cloud security engineer in an MNC for the past 4 years. His organization uses AWS cloud-based services. Steven handles a complex application on AWS that has several resources and it is difficult for him to manage these resources. Which of the following AWS services allows Steven to make a set of related AWS resources easily and use or provision them in an orderly manner so that he can spend less time managing resources and more time on the applications that run in the AWS environment?

- A. AWS Control Tower
- B. Amazon CloudFront
- C. AWS CloudFormation
- D. AWS Config

**Correct Answer:** C

Currently there are no comments in this discussion, be the first to comment!

The organization TechWorld Ltd. used cloud for its business. It operates from an EU country (Poland and Greece). Currently, the organization gathers and processes the data of only EU users. Once, the organization experienced a severe security breach, resulting in loss of critical user data. In such a case, along with its cloud service provider, the organization should be held responsible for non-compliance or breaches. Under which cloud compliance framework will the company and cloud provider be penalized?

- A. NIST
- B. ITAR
- C. GDPR
- D. HIPAA

**Correct Answer:** C

Currently there are no comments in this discussion, be the first to comment!

Aidan McGraw is a cloud security engineer in a multinational company. In 2018, his organization deployed its workloads and data in a cloud environment. Aidan was given the responsibility of securing high-valued information that needs to be shared outside the organization from unauthorized intruders and hackers. He would like to protect sensitive information about his organization, which will be shared outside the organization, from attackers by encrypting the data and including user permissions inside the file containing this information. Which technology satisfies Aidan's requirements?

- A. Information Rights Management
- B. Privileged User Management
- C. System for Cross-Domain Identity Management
- D. Identity and Access Management

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Chris Noth has been working as a senior cloud security engineer in CloudAppSec Private Ltd. His organization has selected a DRaaS (Disaster Recovery as a Service) company to provide a disaster recovery site that is fault tolerant and consists of fully redundant equipment with network connectivity and real-time data synchronization. Thus, if a disaster strikes Chris' organization, failover can be performed to the disaster recovery site with minimal downtime and zero data loss. Based on the given information, which disaster recovery site is provided by the DRaaS company to Chris' organization?

- A. Remote site
- B. Warm Site
- C. Hot Site
- D. Cold Site

**Correct Answer:** C

Currently there are no comments in this discussion, be the first to comment!

Luke Grimes has recently joined a multinational company as a cloud security engineer. The company has been using the AWS cloud. He would like to reduce the risk of man-in-the-middle attacks in all Redshift clusters. Which of the following parameters should Grimes enable to reduce the risk of man-in-the-middle attacks in all Redshift clusters?

- A. enable\_user\_ssl
- B. fips\_ssl
- C. wlm\_ssl
- D. require\_ssl

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

WinSun Computers is a software firm that adopted cloud computing. To keep the cloud environment secure, the organization must ensure that it adheres to the regulations, controls, and rules framed by its management in the cloud environment. Which of the following represents the adherence to these regulations, controls, and rules framed by the organization in this scenario?

- A. Governance
- B. Risk Management
- C. Corporate Compliance
- D. Regulatory Compliance

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Terry Diab has an experience of 6 years as a cloud security engineer. She recently joined a multinational company as a senior cloud security engineer. Terry learned that there is a high probability that her organizational applications could be hacked and user data such as passwords, usernames, and account information can be exploited by an attacker. The organizational applications have not yet been hacked, but this issue requires urgent action. Therefore, Terry, along with her team, released a software update that is designed to resolve this problem instantly with a quick-release procedure. Terry successfully fixed the problem (bug) in the software product immediately without following the normal quality assurance procedures. Terry's team resolved the problem immediately on the live system with zero downtime for users. Based on the given information, which of the following type of update was implemented by Terry?

- A. Hotfix
- B. Version update
- C. Patch
- D. Rollback

**Correct Answer: A**

Currently there are no comments in this discussion, be the first to comment!

IntSecureSoft Solutions Pvt. Ltd. is an IT company that develops software and applications for various educational institutions. The organization has been using Google cloud services for the past 10 years. Tara Reid works as a cloud security engineer in IntSecureSoft Solutions Pvt. Ltd. She would like to identify various misconfigurations and vulnerabilities such as open storage buckets, instances that have not implemented SSL, and resources without an enabled Web UI. Which of the following is a native scanner in the Security Command Center that assesses the overall security state and activity of virtual machines, containers, network, and storage along with the identity and access management policies?

- A. Log Analytics Workspace
- B. Security Health Analytics
- C. Google Front End
- D. Synapse Analytics

**Correct Answer:** B

Currently there are no comments in this discussion, be the first to comment!

Global SciTech Pvt. Ltd. is an IT company that develops healthcare-related software. Using an incident detection system (IDS) and antivirus software, the incident response team of the organization has observed that attackers are targeting the organizational network to gain access to the resources in the on-premises environment. Therefore, their team of cloud security engineers met with a cloud service provider to discuss the various security provisions offered by the cloud service provider. While discussing the security of the organization's virtual machine in the cloud environment, the cloud service provider stated that the Network Security Groups (NSGs) will secure the VM by allowing or denying network traffic to VM instances in a virtual network based on inbound and outbound security rules. Which of the following cloud service provider filters the VM network traffic in a virtual network using NSGs?

- A. AWS
- B. Azure
- C. Google
- D. IBM

**Correct Answer:** B

Currently there are no comments in this discussion, be the first to comment!

An Azure subscription owner, Arial Solutions, gets notified by Microsoft (by default) when a high-severity alert (email notification) is triggered. The cloud security engineer would like to send these security alerts to a specific individual or anyone with particular Azure roles for a subscription, and modify the severity levels for which alerts are sent. How can the cloud security engineer configure these alerts?

- A. By setting Azure Front Door
- B. By exporting ASC alerts using the Export Feature
- C. By using ASC Data Connector to stream alerts to Azure Sentinel
- D. By setting ASC security contact

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

Jordon Bridges has been working as a senior cloud security engineer in a multinational company. His organization uses Google cloud-based services. Jordon stored his organizational data in the bucket and named the bucket in the Google cloud storage following the guidelines for bucket naming. Which of the following is a valid bucket name given by Jordon?

- A. company storage data
- B. company-storage-data
- C. Company-Storage-Data
- D. Company-storage-data

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

Trevor Noah works as a cloud security engineer in an IT company located in Seattle, Washington. Trevor has implemented a disaster recovery approach that runs a scaled-down version of a fully functional environment in the cloud. This method is most suitable for his organization's core business-critical functions and solutions that require the RTO and RPO to be within minutes. Based on the given information, which of the following disaster recovery approach is implemented by Trevor?

- A. Multi-Cloud Option
- B. Warm Standby
- C. Pilot Light approach
- D. Backup and Restore

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

InternSoft Solution Pvt. Ltd. is an IT company located in Boston, Massachusetts. The IT and InfoSec teams of the organization uses CASP to customize access rules and automate compliance policies. Using CASP solutions, they could access the account activities in the cloud, which makes it easy for them to achieve compliance, data security, and threat protection. What is CASP?

- A. It is a CASB that uses proxies
- B. It is a WAF that uses proxies
- C. It is a RASP that uses APIs
- D. It is a CASB that uses APIs

**Correct Answer:** *D*

Currently there are no comments in this discussion, be the first to comment!

Frances Fisher has been working as a cloud security engineer in a multinational company. Her organization uses Microsoft Azure cloud-based services. Frances created a resource group (devResourceGroup); then, she created a virtual machine (devVM) in that resource group. Next, Frances created a Bastion host for the virtual machine (devVM) and she connected the virtual machine using Bastion from the Azure portal. Which of the following protocols is used by Azure Bastion to provide secure connectivity to Frances' virtual machine (devVM) from the Azure portal?

- A. TLS
- B. HTTP
- C. Telnet
- D. TCP

**Correct Answer: A**

Currently there are no comments in this discussion, be the first to comment!

SecureSoft IT Pvt. Ltd. is an IT company located in Charlotte, North Carolina, that develops software for the healthcare industry. The organization generates a tremendous amount of unorganized data such as video and audio files. Kurt recently joined SecureSoft IT Pvt. Ltd. as a cloud security engineer. He manages the organizational data using NoSQL databases. Based on the given information, which of the following data are being generated by Kurt's organization?

- A. Metadata
- B. Unstructured Data
- C. Semi-Structured Data
- D. Structured Data

**Correct Answer:** *B*

Currently there are no comments in this discussion, be the first to comment!

Kenneth Danziger has been working as a cloud security engineer in a multinational company. His organization uses AWS cloud-based services. Kenneth would like to review the changes in configuration and the relationships between AWS resources, examine the detailed resource configuration history, and determine the overall compliance of his organization against the configurations specified in internal guidelines. Which of the following AWS services enables Kenneth to assess, audit, and evaluate the configuration of AWS resources?

- A. AWS Config
- B. AWS CloudFormation
- C. AWS Security Hub
- D. AWS CloudTrail

**Correct Answer:** A

Currently there are no comments in this discussion, be the first to comment!

Shannon Elizabeth works as a cloud security engineer in VicPro Soft Pvt. Ltd. Microsoft Azure provides all cloud-based services to her organization. Shannon created a resource group (ProdRes), and then created a virtual machine (myprodvms) in the resource group. On myprodvms virtual machine, she enabled JIT from the Azure Security Center dashboard. What will happen when Shannon enables JIT VM access?

- A. It locks down the inbound traffic to myprodvms by creating a rule in the Azure firewall
- B. It locks down the inbound traffic from myprodvms by creating a rule in the network security group
- C. It locks down the outbound traffic from myprodvms by creating a rule in the network security group
- D. It locks down the outbound traffic to myprodvms by creating a rule in the Azure firewall

**Correct Answer:** B

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