

Data Protection & Privacy **Governance, Risk & Compliance** **Identity & Access Management** **Network & Infrastructure Security** **Threat Detection & Incident Response**

DDP201 Using backup and disaster recovery to protect against ransomware

Backup and disaster recovery solutions are an important tool to ensure an organization is able to recover from everything from accidental deletion and ransomware attacks to full-scale breaches. This session covers the fundamentals of data backup, disaster recovery, and network connectivity. It also covers the importance of testing recovery plans, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

DDP202 Fundamentals of data security on AWS

Amazon Athena is a serverless data analytics service that allows you to query data stored in Amazon S3 using standard SQL. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

DDP203 Facebook's security-by-design approach to supporting AWS applications

Facebook maintains a globally distributed data center infrastructure with a growing number of AWS Cloud applications. With security as a top priority, Facebook has implemented a security-by-design approach to support its AWS applications. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

DDP204 Navigating GDPR compliance in light of Screens II

In this session, learn how AWS provides a way that is compliant with the European Union's General Data Protection Regulation (GDPR). This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

DDP205 Demystifying PKI and certificates on AWS

This session is for developers, public key infrastructure (PKI) administrators, and system administrators who need to understand and use public and private certificates on AWS. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

DDP206 Modernizing your organization's security strategy

Over the past 20 years, CISOs and security teams have searched for ways to modernize their security strategy. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

DDP207 Best practices for protecting data using encryption

Today, AWS offers over 100 services that can encrypt your data or protect your data in transit. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

DDP208 Cryptographic innovation at AWS

With AWS Security, cryptographic solutions must meet a high level of cryptographic innovation. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

DDP209 Securing and governing your AWS environment at a scale

This session introduces best practices you can use to manage the security of your AWS environment at a scale. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

DDP210 Discover and protect sensitive data in Amazon S3

As the amount of data stored in the cloud continues to scale, organizations need to discover and protect sensitive data. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

DDP211 Scaling AWS CloudHSM clusters with TLS offload

In this builder's session, learn how to integrate a web server with AWS CloudHSM. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 400 - Expert
Builders' Session

DDP212 Using Nitro Enclaves to isolate and protect highly sensitive data

Join this builder's session to learn how to isolate highly sensitive data on your AWS instances. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 400 - Expert
Builders' Session

DDP213 Automation workflows with Amazon Macie

Amazon Macie is a fully managed data security and privacy service that uses machine learning to discover and protect sensitive data. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Chat Talk

DDP214 TLS-enabled Kubernetes clusters with AWS PrivateLink and Amazon EKS

Join this builder's session to learn how to isolate highly sensitive data on your AWS instances. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Chat Talk

DDP215 Deep dive on security in Amazon S3

In this builder's session, learn how to integrate a web server with AWS CloudHSM. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Chat Talk

DDP216 Scaling AWS CloudHSM clusters with TLS offload

Join this builder's session to learn how to isolate highly sensitive data on your AWS instances. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Chat Talk

DDP217 Automating reasoning: Protect data through provable security

Learn how AWS implements security at scale, and how automation is used to protect your data. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Chat Talk

DDP218 Designing a ransomware recovery solution

Planning for data protection and business continuity means thinking about the unthinkable and preparing for it. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Chat Talk

DDP219 Amazon S3 security and access settings and controls

Amazon S3 provides many security and access settings to help you secure your data, controls that ensure that your settings remain in place, and ways to help you avoid these settings and controls. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Workshop

GR202 How financial services customers turbocharge risk management process

Join us in this fast-paced discussion regarding repeatable methods they use to increase the effectiveness of their risk management cycle. Learning about the regulatory and compliance requirements for financial services, you'll gain insights into the regulatory and compliance requirements for financial services. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

GR203 Cloud Audit Academy: AWS-specific framework

Today, customer-facing languages is catered toward on-premises environments, and security IT auditing techniques have not been updated for the cloud. AWS Audit Academy is a framework for auditing your AWS environment. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

GR204 Continuous cloud compliance and audit automation with AWS Audit Manager

AWS Audit Manager is a new service that helps you continuously audit your AWS environment. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

GR205 AWS Well-Architected Management and Governance

Learn how the new AWS Well-Architected Management and Governance service can help you manage your AWS environment. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

GR206 How Western Union modernizes apps at scale with security and controls

In this session, learn how Western Union migrated and modernized over 750 applications in a secure and compliant manner using AWS. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

GR207 Building secure machine learning environments

Learn how to build secure and compliant machine learning (ML) environments on AWS. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

GR208 Automate AWS Config conformance pack deployment with AWS CodePipeline

AWS Config rules are often used to detect compliance issues and enforce them. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

GR209 Effective compliance automation with AWS Config

As organizations move to the cloud, it is increasingly challenging to ensure compliance with regulatory requirements. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

GR210 Securing and governing your AWS environment at a scale

This session introduces best practices you can use to manage the security of your AWS environment at a scale. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

GR211 Simplify and automate security with automation as code

Managing compliance for thousands of resources in the cloud doesn't have to be complicated. The key is to automate and simplify. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 400 - Expert
Breakout Session

GR212 Building custom frameworks with AWS Audit Manager

The AWS Audit Manager Framework library is the central place from which you access and manage frameworks. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Builders' Session

GR213 PCI DSS compliance for serverless cloud applications

Join this session to participate in a lab where you build a serverless application that complies with PCI DSS. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Builders' Session

GR214 Using the Customizations for AWS Control Tower solution

In this chat talk, consider why you should leverage the Customizations for AWS Control Tower solution. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Chat Talk

GR215 Mitigating risks with technical security controls

In this chat talk, follow a path from identifying potential cyber risks to implementing technical controls to help mitigate those risks. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Chat Talk

GR216 Accelerate migration and automate security with AWS Control Tower

In this chat talk, learn how AWS Control Tower automates multi-account governance and security. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Chat Talk

GR217 Using AWS Config & partner solutions to aid your HIPAA compliance efforts

Healthcare organizations need to meet healthcare regulatory requirements, especially after incorporating the impacts of the COVID-19 pandemic. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Chat Talk

GR218 Disposition of records gets better, together

AWS Organizations and AWS Control Tower are both excellent solutions to manage multi-account environments. Learn how to use these services to manage your AWS environment. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Workshop

GR219 Applying security and governance to DevOps with AWS CI/CD connectors

Companies want their development teams to innovate and launch faster, but they need management and governance to achieve security, risk, and compliance. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Workshop

GR220 Cloud compliance and assurance

In this workshop, learn how to assess and manage compliance and risk. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Workshop

IAM201 Practical guidance to get to least privilege IAM at scale

In this session, learn how to use AWS Identity services to enable developers to build while using locking to get to least privilege for both builders and the applications they create. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

IAM202 AWS IAM Access Analyzer: Techniques to review and refine permissions

Security teams are responsible for their organization's permission posture across AWS. You work with engineering teams to set fine-grained permissions and evaluate AWS IAM Access Analyzer can help. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

IAM203 Be frugal and get more out of your service control policies

Learn how to use service control policies (SCPs) with your buildouts for both builders and the applications they create. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

IAM204 Explore, organize, and manage access to your AWS resources

In this session, learn how AWS is helping enterprises effectively improve their security posture and address complexity by providing a new way to explore, organize, and manage access to your AWS resources. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

IAM205 Protecting against security vulnerabilities

By building your APIs with AWS serverless technologies, you gain scalability, security, and pay-as-you-go pricing with minimal operational overhead. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

IAM206 Fitter, faster, stronger: Measuring AWS access at Better

Organizations that streamline identity and access management (IAM) can improve their security posture and address complexity by providing a new way to explore, organize, and manage access to your AWS resources. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

IAM207 Managing identities and access across AWS accounts

AWS customers from many industries have been adopting AWS SSO to improve their security posture and address complexity by providing a new way to explore, organize, and manage access to your AWS resources. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

IAM208 Zero Trust on AWS

In this session, learn about the AWS guidance for Zero Trust and how to use it to improve your security posture. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

IAM209 Elevate your policy: IAM Access Analyzer policy validation

This session introduces the IAM Access Analyzer policy validation capabilities that can help you improve your security posture. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Builders' Session

IAM210 Adopting AWS SSO for enterprise use cases

Learn how to use AWS SSO for enterprise use cases. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Builders' Session

IAM211 AuthN and AuthZ patterns for AWS serverless applications

In this session, learn different patterns and options available for authentication (AuthN) and authorization (AuthZ) for AWS serverless applications. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Builders' Session

IAM212 Least privilege is a journey

We have a collective responsibility to work toward a least privilege access model. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Chat Talk

IAM213 Techniques for developers to set least privilege permissions

Developers like to focus on building applications, and they want easy-to-use, secure, and reliable tools to help them do that. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Chat Talk

IAM214 Integrating your workforce identity with AWS

This chat talk walks you through approaches to integrating your workforce identity with AWS. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Chat Talk

IAM215 Prevent unintended access: AWS IAM Access Analyzer validation

This chat talk walks you through ways that you can enable AWS IAM Access Analyzer to help you prevent unintended access. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Chat Talk

IAM216 How AWS KMS authorizes requests

AWS Key Management Service (AWS KMS) uses its policy to authorize access to your keys. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Chat Talk

IAM217 Integrating your workforce identity with AWS

This chat talk walks you through ways that you can enable AWS IAM Access Analyzer to help you prevent unintended access. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Chat Talk

IAM218 Reducing complexity and security risk with BotControl OS

Running your organization's services with bots and general-purpose operating systems can introduce unnecessary complexity, maintenance, and security requirements. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Chat Talk

IAM219 Building security automation into container applications using CI/CD

Containers are enabling organizations to build applications and reduce time-to-market. With this increased development and deployment velocity, it's important to ensure that your security posture is up to date. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Workshop

NS101 AmazonCBS's DevSecOps journey to SISO1: Blawit

In this session, AWS Cloud Security (AWS CS) discusses how they successfully embraced a DevSecOps culture on AWS, starting with the 2020 US elections. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

NS102 The endpoint endpoint: Securing your data perimeter with VPC endpoints

In this session, learn how to use your network perimeter as a stronghold defense perimeter around your data in the cloud. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Breakout Session

NS103 AIs for availability: Region design on AWS

This session pulls back the curtain on some of the strategic considerations AWS makes when we design Regions and how we use AI to help us make better decisions. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

NS104 How to manage your industrial IoT's digital transformation security

Modern enterprises understand that plant and industrial IoT (IIoT) data is a critical asset. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

NS105 Protecting against automated bot attacks with AWS WAF Bot Control

Today, it can be difficult to differentiate between beneficial bots that search engines or status monitors and harmful bots that perform malicious activities. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

NS106 Protect your org: Centralized AWS WAF and AWS Shield Advanced protections

Organizations holding multiple applications in multiple AWS accounts often want to enforce standardized protection across those AWS accounts. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 300 - Advanced
Breakout Session

NS107 Outbound filtering at scale: Best practices for secure outbound traffic

In this session, dive deep on the intricacies of outbound traffic filtering. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 400 - Expert
Breakout Session

NS121 Mitigate risks using cloud-native infrastructure security

Whether you are migrating existing workloads or creating something new, you need to ensure that your infrastructure is secure. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key topic of this session is to address, consider data residency and data sovereignty requirements in your data protection strategy.

Level: 200 - Intermediate
Builders' Session

NS122 Patching at scale: It doesn't have to be hard

Patching is rarely an easy thing, and patching a heterogeneous environment can be a challenge. This session covers the fundamentals of data security on AWS, including Amazon S3, Amazon IAM, Amazon FSx, Amazon FSx for Windows, AWS Backup, and CloudFormation. Learn how to protect your data with backup and disaster recovery solutions. A key