

Dev Lounge ask the experts

Our Developer Lounge Ask the Experts chat is focused around specific technology personas. Each day we will have office hours to support the different personas. Check out the definitions below and determine which office hour is right for you!

Week 1 Chat Schedule

🕒 AMERICAS	OFFICE HOURS	TUESDAY, DEC. 1	WEDNESDAY, DEC. 2	THURSDAY, DEC. 3
	11:45AM - 1:45PM (PST)	Architect	Emerging Tech	InfoSec
	1:45PM - 3:45PM (PST)	Data Analyst/Engineer	Architect	Emerging Tech

🕒 ASIA-PACIFIC	OFFICE HOURS	TUESDAY, DEC. 1	WEDNESDAY, DEC. 2	THURSDAY, DEC. 3
	11:45AM - 1:45PM (STG)	Data Scientist	Data Analyst/Engineer	Architect
	1:45PM - 3:45PM (STG)	Developer	Data Scientist	Data Analyst/Engineer

🕒 EUROPE	OFFICE HOURS	TUESDAY, DEC. 1	WEDNESDAY, DEC. 2	THURSDAY, DEC. 3
	11:45AM - 1:45PM (GMT)	IT Administrator	Developer	Data Scientist
	1:45PM - 3:45PM (GMT)	InfoSec	IT Administrator	Developer

Week 2 Chat Schedule

🕒 AMERICAS	OFFICE HOURS	TUESDAY, DEC. 8	WEDNESDAY, DEC. 9	THURSDAY, DEC. 10
	11:45AM - 1:45PM (PST)	IT Administrator	Developer	Data Scientist
	1:45PM - 3:45PM (PST)	InfoSec	IT Administrator	Developer

🕒 ASIA-PACIFIC	OFFICE HOURS	TUESDAY, DEC. 8	WEDNESDAY, DEC. 9	THURSDAY, DEC. 10
	11:45AM - 1:45PM (STG)	Emerging Tech	InfoSec	IT Administrator
	1:45PM - 3:45PM (STG)	Architect	Emerging Tech	InfoSec

🕒 EUROPE	OFFICE HOURS	TUESDAY, DEC. 8	WEDNESDAY, DEC. 9	THURSDAY, DEC. 10
	11:45AM - 1:45PM (GMT)	Data Analyst/Engineer	Architect	Emerging Tech
	1:45PM - 3:45PM (GMT)	Data Scientist	Data Analyst/Engineer	Architect

Week 3 Chat Schedule

🕒 AMERICAS	OFFICE HOURS	TUESDAY, DEC. 15	WEDNESDAY, DEC. 16	THURSDAY, DEC. 17
	11:45AM - 1:45PM (PST)	Data Analyst/Engineer	Architect	Emerging Tech
	1:45PM - 3:45PM (PST)	Data Scientist	Data Analyst/Engineer	Architect

🕒 ASIA-PACIFIC	OFFICE HOURS	TUESDAY, DEC. 15	WEDNESDAY, DEC. 16	THURSDAY, DEC. 17
	11:45AM - 1:45PM (STG)	Developer	Data Scientist	Data Analyst/Engineer
	1:45PM - 3:45PM (STG)	IT Administrator	Developer	Data Scientist

🕒 EUROPE	OFFICE HOURS	TUESDAY, DEC. 15	WEDNESDAY, DEC. 16	THURSDAY, DEC. 17
	11:45AM - 1:45PM (GMT)	InfoSec	IT Administrator	Developer
	1:45PM - 3:45PM (GMT)	Emerging Tech	InfoSec	IT Administrator

Tech Personas

ARCHITECTS

An **IT architect** designs and architects technology solutions and systems for organizations. IT Architectures are often depicted as a series of documents such as high-level/low-level designs accompanied by methodical diagrams that demonstrate how the many moving parts of IT systems will inter-connect to provide a complete solution. IT Architects define the specifications, implementation road map and other guidelines to be passed on to operations teams to implement.

AWS Services Covered

Outposts, EC2, RDS, Direct Connect, Migration Hub, DMS, DataSync, Organizations, CloudWatch, CloudTrail, Systems Manager, Trusted Advisor, License Manager, Well-Architected Tool, Kendra, Connect, Pinpoint, Marketplace, Chime, Workspaces, Alexa for Business, WorkMail, WorkDocs

DATA ANALYST / ENGINEER

As **data analyst**, this person queries databases/data warehouses for sales numbers, market research, logistics, linguistics, or other business information. They bring technical expertise to ensure data quality and accuracy, then process, design and present it to help people and organizations make better decisions. As **data engineer**, this person builds and operates data architectures leveraged by data science and data analyst teams. They develop processes to model, mine and produce data, setting up scalable and robust data pipelines to integrate with databases, data warehouses, or data lakes, transforming data into information.

AWS Services Covered

EMR, Lake Formation, Redshift, Elasticsearch Service, Kinesis, MSK, Athena, Data Exchange, Glue, RDS, Aurora, DMS, DDB, DocumentDB, Keyspaces, Batch, QuickSight, Data Exchange

DATA SCIENTIST

A **data scientist** combines analytical, statistical and mathematical skills to discover trends and new (business) insights in large sets of structured and unstructured data. It applies software engineering skills to collect and process the data, building machine learning and statistical models, leveraging industry and domain knowledge to interpret the results, helping companies make data-driven decisions to drive business strategy.

AWS Services Covered

Transcribe, Translate, Lex, Polly, Rekognition, Comprehend, Textract, Fraud Detector, Personalize, Forecast, A2I, DeepLens, SageMaker

DEVELOPER

A **developer** (aka software engineer) is an individual that builds software. They write, debug and execute the source code and think of how the cloud can help them develop applications (backends, frontends, webs, mobile/ device apps) better, with profiles including low-code citizen developers, legacy developers, or cloud-native developers. They may also be involved in automating and speeding up the software release cycle (DevOps).

AWS Services Covered

Lambda, Cognito, SNS, SQS, S3, Step Functions, API Gateway, SAR, AppSync, Amplify, CloudFront, Device Farm, Pinpoint, Cloud9, Connect, EventBridge, Kinesis, DDB, RDS, IoT*, CloudWatch, AppFlow, MQ, Interactive Video Service, Media*, CodeGuru, CodePipeline, CodeBuild, CodeCommit, CodeDeploy,

IT ADMINISTRATOR

An **IT admin** implements, manages, and maintains IT systems, ensuring that systems remain up and running at all times, often working on a 24/7 rotations. They analyze and observe logs, alarms and troubleshoot issues that arise. In traditional IT organizations, they are often responsible for building, configuring and patching infrastructure, though in a modern world, automation and platforms such as serverless have reduced this space to a few areas of configuration, monitoring and networking. Therefore, they may operate as DevOps engineers ensuring systems are tested and deployed reliably.

AWS Services Covered

System Manager, EC2, VPC, OpsWorks, Organizations, Route 53, Direct Connect, FSx, S3, Glacier, Storage Gateway, Backup, EC2 Image Builder, CodePipeline, CodeBuild, CodeCommit, CodeDeploy, Systems Manager, CloudFormation, ECS, EKS, Fargate, App Mesh, Cloud Map, Global Accelerator, Config, CloudTrail, CloudWatch, Elastic Beanstalk, Route 53, Direct Connect, X-Ray, Chatbot, Compute Optimizer, Cloud9, CodeGuru, GameLift

INFOSEC

Infosec job titles and responsibilities in this persona vary from AppSec, Compliance, Security Engineering, Security Operations Analysts, Security Architects, Consultants and Auditors. Though the responsibilities differ for the individual roles, the goal of this group is to maintain a high security bar and reduce any risk associated with the software and systems that an organization is running.

AWS Services Covered

IAM, Organizations, GuardDuty, Control Tower, Security Hub, Inspector, Detective, Macie, SSO, KMS, CloudHSM, WAF, Shield, Firewall Manager, Artifact, CloudWatch, CloudTrail, Systems Manager, Service Catalog, Directory Service, Cognito

EMERGING TECH

A **technical, curious in nature, individual** who enjoys experimenting with some of the latest technologies out there (Robotics, Blockchain, IoT, Edge Computing, Quantum Technologies, Satellite, and more), and are interested in building and testing disruptive and new implementations, services, and use cases, while expanding their knowledge and core coverage areas.

AWS Services Covered

Lightsail, EC2, Lambda, IAM, CloudFormation, CloudStar, Cloud9, Honeycode, Sumerian, RoboMaker, Braket, Ground Station, Managed Blockchain, QLDB, IoT, Wavelength, Edge Computing, AR/VR, Alexa integration, Edge Services