aws

Thank you for completing the AWS Learning Needs Analysis survey. Based on your responses, the following courses are recommended.

Role: Automate code deployment and management processes (e.g., DevOps Engineer)

Course	Format	Recommended
Job Roles in the Cloud	Digital	No
AWS Shared Responsibility Model	Digital	No
AWS Technical Essentials*	Instructor-led	No
AWS Well-Architected Best Practices*	Instructor-led	No
Advanced AWS Well-Architected Best Practices*	Instructor-led	Yes
DevOps Engineering on AWS*	Instructor-led	No
Introduction to AWS Application Discovery Service	Digital	Yes
Introduction to Database Migration	Digital	Yes
Migrating to AWS*	Instructor-led	Yes
Amazon Elastic Container Service (ECS) Primer	Digital	No
Amazon Elastic Container Service for Kubernetes (EKS) Primer	Digital	No
Deep Dive on Container Security	Digital	No
Running Containers on Amazon Elastic Kubernetes Service*	Instructor-led	No
MLOps Engineering on AWS*	Instructor-led	No

* For instructor-led courses, please coordinate with your employer.

We also have ramp-up guides, which contain additional role-based resources.

Best regards,
AWS Training & Certification

Below is a summary of your responses	Download PDF

This Learning Needs Analysis is for Ping Identity. If you are not part of Ping Identity please close this survey.

v7.1

Welcome to the AWS Learning Needs Analysis survey.

Completing this survey will help determine the best training for you and your organization. After your answers are recorded, AWS will analyze the results and work with your organization on a training plan.

On average, the survey takes approximately 10 minutes to complete.

You may leave the survey and return at a later date to complete the survey.

v7.1

In which country/region do you work?

United States of America ▼

Privacy notice

You have been asked to complete this AWS Learning Needs Assessment (the "Assessment") by your employer. AWS will collect your responses to the Assessment and will analyze these to propose AWS training services that may be of interest to you and your employer. In doing so, AWS may also collect personal data such as your name and the email address you used to register for the Assessment (the "Assessment Data"). By completing this Assessment, you acknowledge that AWS may process the Assessment Data and will disclose this and your responses to you and your employer for certain legitimate business purposes including a) to confirm that you have undertaken the Assessment and b) to identify opportunities for AWS to provide training services to you and your employer. You consent to AWS's collection, use, and disclosure of all information you provide in accordance with the AWS Privacy Notice. For more information about how AWS processes personal data please see the AWS Privacy Notice.

(Standard)

In this survey you will be asked for your active <u>AWS certifications and the approximate dates</u> you achieved those certifications. You can find your AWS certification information by logging in to the <u>AWS Certification portal</u> and navigating to the *Achieved Certifications* section.

Enter your name and email address

First name

James

Surname (Last name)

Burke

Business email address

jamesburke@pingidentity.com

Job title

DevOps Engineer I

In which team or organization do you work?

Other

Please enter your team or organization name.

BRASS

Which of these categories best describes your position within your organization? Please select one.

- ⦿ **Individual contributor**
- ◯ Manager or supervisor of people
- ◯ Executive

Please select the role that most closely matches your position.

Software Development

- ◯ Design software applications and systems (e.g., Application or Software Architect)
- ◯ Develop and/or test software applications and systems (e.g., Software Engineer, Quality Assurance Engineer)

IT Infrastructure and Operations

○ Design IT systems and infrastructure (e.g., IT Architect)

○ Build, deploy, and maintain IT infrastructure (e.g., Infrastructure Engineer)

○ Manage and support IT systems and infrastructure (e.g., IT Administrator, IT Ops Engineer, Sysadmin, SRE, Technical Support)

○ Manage and operate camera and video tech equipment (eg. Video operator, Video Engineer, Digital Media Developer)

DevOps

◉ **Automate code deployment and management processes (e.g., DevOps Engineer)**

Data, Analytics and Database

○ Design and implement systems that derive value from data (e.g., Data Engineer, Data Analytics Engineer, Data Architect)

○ Design and manage database systems (e.g., Database Engineer, DBA)

○ Analytics and BI Professional (e.g., Data Analyst, Business Analyst, BI Developer)

Security

○ Design the security and compliance of IT systems and architectures (e.g., Security Architect, Compliance & Governance Analyst)

Machine Learning

○ Analyze, process, and model data (e.g., Data Scientist)

○ Develop machine learning applications (e.g., Machine Learning Developer or Software Engineer)

Planning, Project Management, and Program Management

○ Analyze, define, and plan business requirements (e.g., Business Analyst, Project Manager)

○ Define and manage requirements for IT systems and programs (e.g., Systems Analyst, Technical Analyst, Program Manager)

Accounting and Finance

○ Manage, plan, and forecast company finances (e.g., Controllers, Financial Planning & Analysis Managers, Procurement Managers, Financial Analysts, Accounts Payable)

If you have more than one role, please select the secondary role that most closely matches your position.

◉ **None**

Software Development

○ Design software applications and systems (e.g., Application or Software Architect)

○ Develop and/or test software applications and systems (e.g., Software Engineer, Quality Assurance Engineer)

IT Infrastructure and Operations

○ Design IT systems and infrastructure (e.g., IT Architect)

○ Build, deploy, and maintain IT infrastructure (e.g., Infrastructure Engineer)

○ Manage and support IT systems and infrastructure (e.g., IT Administrator, IT Ops Engineer, Sysadmin, SRE, Technical Support)

Analytics and Database

○ Design and implement systems that derive value from data (e.g., Data Engineer, Data Analytics Engineer, Data Architect)

○ Design and manage database systems (e.g., Database Engineer, DBA)

○ Analytics and BI Professional (e.g., Data Analyst, Business Analyst, BI Developer)

Security

○ Design the security and compliance of IT systems and architectures (e.g., Security Architect, Compliance & Governance Analyst)

Machine Learning

○ Analyze, process, and model data (e.g., Data Scientist)

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Accounting and Finance

○ Manage, plan, and forecast company finances (e.g., Controllers, Financial Planning & Analysis Managers, Procurement Managers, Financial Analysts, Accounts Payable)

Are you currently, or are you planning to be involved in a migration project to AWS?

◉ Yes
○ No

Do you have fundamental knowledge of containers and Kubernetes?

◉ Yes
○ No

Please rank your most preferred to least preferred course delivery modes (1= most preferred, 3 = least preferred).
To rank the list items, click and drag the answer options in the desired order.

1	Over the internet with an instructor delivering the material in real time
2	Self-paced, digital content
3	In a classroom

How important are AWS skills and knowledge for your job over the next 12 months?

- ○ Extremely important
- ⦿ **Very important**
- ○ Moderately important
- ○ Slightly important
- ○ Not at all important
- ○ I am not sure

Have you done any self-study for AWS?

- ○ Yes
- ⦿ **No**

Approximately when was your most recent AWS formal Training?

- ⦿ **I have never completed any training for AWS**
- ○ 6 months or less
- ○ 1 year
- ○ 1.5 years
- ○ 2 years
- ○ 2.5 years
- ○ 3 or more years

Which of the following certifications have you achieved or renewed in the last three years?
You can find your AWS certification information by logging in to the AWS Certification portal and navigating to the *Achieved Certifications* section.

- ☑ **None**

Foundational

- ☐ AWS Certified Cloud Practitioner

Associate

- ☐ AWS Certified Developer - Associate
- ☐ AWS Certified Solutions Architect - Associate
- ☐ AWS Certified SysOps Administrator - Associate

Professional

- ☐ AWS Certified DevOps Engineer - Professional
- ☐ AWS Certified Solutions Architect - Professional

Specialty

- [ ] AWS Certified Advanced Networking - Specialty
- [ ] AWS Certified Alexa Skill Builder - Specialty
- [ ] AWS Certified Data Analytics - Specialty (*formerly AWS Certified Big Data - Specialty*)
- [ ] AWS Certified Database - Specialty
- [ ] AWS Certified Machine Learning - Specialty
- [ ] AWS Certified Security - Specialty
- [ ] AWS Certified SAP on AWS - Specialty

Which AWS certification(s) are you planning to obtain in the next 12 months? (Choose at most 2)

- [x] **None**

Foundational

- [ ] AWS Certified Cloud Practitioner

Associate

- [ ] AWS Certified Developer - Associate
- [ ] AWS Certified Solutions Architect - Associate
- [ ] AWS Certified SysOps Administrator - Associate

Professional

- [ ] AWS Certified DevOps Engineer - Professional
- [ ] AWS Certified Solutions Architect - Professional

Specialty

- [ ] AWS Certified Advanced Networking - Specialty
- [ ] AWS Certified Data Analytics - Specialty (*formerly AWS Certified Big Data - Specialty*)
- [ ] AWS Certified Machine Learning - Specialty
- [ ] AWS Certified Security - Specialty
- [ ] AWS Certified Database - Specialty
- [ ] AWS Certified SAP on AWS - Specialty

Have you done any of the following? Select all that apply.

- [ ] I have **never** used AWS skills or knowledge for personal projects or my job
- [x] **I have used AWS skills and knowledge in some aspect of my job**
- [ ] I have used AWS for a personal project
- [ ] I helped build a proof-of-concept using AWS skills
- [ ] I helped build a production system using AWS skills

The next questions will ask you to rate your knowledge and skills for specific topics or AWS Services. Please use the scale below when rating your knowledge or skills.

Rating	Description
None	No knowledge or skill
Basic	Basic understanding of this skill or AWS service, but unable to perform work in this area
Functional	Able to perform work using this skill or AWS service, but need help for more advanced use cases
Proficient	Able to perform work using this skill or AWS service, including more advanced use cases
Expert	Expert in this skill or AWS service, others seek you out for advice

Rate your knowledge and experience for the following AWS foundational skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Recognize terminology and concepts as they relate to the AWS platform	○	○	○	◉	○
Navigate the AWS Management Console	○	○	◉	○	○
Understand the foundational services, including Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon Elastic Block Store (EBS)	○	○	◉	○	○

Rate your knowledge and experience for the following AWS foundational skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Understand the security measures AWS provides and key concepts of AWS Identity and Access Management (IAM)	○	○	◉	○	○
Understand AWS database services, including Amazon DynamoDB and Amazon Relational Database Service (RDS)	○	○	◉	○	○
Understand AWS management tools, including Auto Scaling, Amazon CloudWatch, Elastic Load Balancing	○	○	◉	○	○

(ELB), and AWS Trusted Advisor

	None	Basic	Functional	Proficient	Expert

Rate your knowledge and skills for architecting in an AWS environment. Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Identify design principles to facilitate architecture design in the cloud	○	○	●	○	○
Knowledge of the six pillars of the AWS Well-Architected Framework	○	○	○	●	○
Apply the design principles, key services, and best practices for each pillar of the Well-Architected Framework	○	○	●	○	○
Use the Well-Architected Tool to conduct Well-Architected Reviews	○	○	●	○	○

Rate your knowledge and skills for architecting in an AWS environment.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Knowledge of AWS Well-Architected best practices	○	●	○	○	○
Identify significant risks and solutions across the various AWS Well-Architected Framework pillars	○	○	●	○	○
Define and solution high risk issues (HRIs) and medium risk issues (MRIs)	○	○	●	○	○
Implement software and architecture patterns for performing load smoothing and maintaining consistent utilization of deployed resources	○	○	●	○	○

Rate your knowledge and skills for the following AWS Systems Operations skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Understand the AWS infrastructures as it relates to system operations such as	○	○	○	●	○

	None	Basic	Functional	Proficient	Expert
the global infrastructure, core services and account security	○	○	○	◉	○
Use the AWS Command Line Interface, and understand additional administration and development tools	○	○	○	◉	○
Manage, secure, and scale compute instances on AWS	○	○	◉	○	○
Understand container services and services available for serverless computing	○	○	○	◉	○

Rate your knowledge and skills for the following AWS Systems Operations skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Build virtual private networks with Amazon VPC	○	◉	○	○	○
Configure and manage storage options utilizing the storage services offered with AWS	○	○	◉	○	○
Monitor the health of your infrastructure with services such as Amazon CloudWatch, AWS CloudTrail and AWS Config	◉	○	○	○	○
Manage resource consumption in an AWS account using tags, Amazon CloudWatch, and AWS Trusted Advisor	◉	○	○	○	○
Create and configure automated and repeatable deployments with tools such as AMIs and AWS CloudFormation	○	◉	○	○	○

Rate your knowledge and experience for the following AWS DevOps skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Use DevOps best practices to develop, deliver, and maintain applications and services at high velocity on AWS	○	○	○	◉	○
Understand the advantages, roles and responsibilities of small	○	○	○	◉	○

	None	Basic	Functional	Proficient	Expert
...and responsibilities of small autonomous DevOps teams	○	○	○	◉	○
Design and implement an infrastructure on AWS that supports DevOps development projects	○	○	○	◉	○
Leverage AWS Cloud9 to write, run and debug code	○	○	◉	○	○

Rate your knowledge and experience for the following AWS DevOps skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Deploy environments with AWS CloudFormation	○	◉	○	○	○
Host secure, highly scalable, and private Git repositories with AWS CodeCommit	○	○	◉	○	○
Integrate Git repositories into CI/CD pipelines	○	○	○	◉	○
Automate build, test, and packaging code with AWS CodeBuild	○	○	○	◉	○

Rate your knowledge and experience for the following AWS DevOps skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Securely store and leverage Docker images and integrate them into your CI/CD pipelines	○	○	○	◉	○
Build CI/CD pipelines to deploy applications on Amazon EC2, serverless applications, and container-based applications	○	○	○	◉	○
Implement common deployment strategies such as "all at once," "rolling," and "blue/green"	○	○	○	◉	○
Integrate testing and security into CI/CD pipelines	○	○	○	◉	○
Monitor applications and environments using AWS tools and technologies	○	○	○	◉	○

technologies

	None	Basic	Functional	Proficient	Expert

Rate your knowledge and skills for the following AWS Machine Learning skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Demonstration: Amazon SageMaker Pipelines, Model Monitor, model registry, and Feature	○	●	○	○	○
Kubernetes integration for MLOps	○	○	●	○	○
Intro to build, train, and evaluate machine learning models	○	○	○	●	○
Model packaging	○	○	●	○	○

Rate your knowledge and skills for the following AWS migration skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Discuss best practices for creating a custom landing zone	○	●	○	○	○
Determine the best multi-account structure, governance policies, and connectivity plan for a landing zone	○	○	●	○	○
Conduct a detailed portfolio discovery workstream	○	●	○	○	○
Plan and design application migration strategy	○	○	●	○	○
Choose which portfolio discovery tools are best to use based on scenario	○	●	○	○	○
Setup a migration factory	○	●	○	○	○

Rate your knowledge and skills for the following AWS migration skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Evaluate server migration tools for compatibility with your environment	○	○	◉	○	○
Select and use data migration tools	○	○	◉	○	○
Evaluate AWS Managed Services and AWS Marketplace offerings	○	○	◉	○	○
Identify post-migration opportunities for modernization and optimization	○	○	◉	○	○
Understand four functions of operations and their domains	○	○	◉	○	○

Rate your knowledge and skills for the following AWS EKS (Kubernetes) skills.
Hover for definitions: None Basic Functional Proficient Expert

	None	Basic	Functional	Proficient	Expert
Build an Amazon EKS cluster by selecting the correct compute resources to support worker nodes	○	○	○	◉	○
Secure your environment with AWS Identity and Access Management (IAM) authentication by creating an Amazon EKS service role for your cluster	○	○	○	◉	○
Publish container images to ECR	○	○	○	◉	○
Automate and deploy applications	○	○	○	◉	○

	None	Basic	Functional	Proficient	Expert
Collect monitoring data through metrics, logs, and tracing with AWS X-Ray	○	○	◉	○	○
Configure the AWS networking services to support the cluster	○	◉	○	○	○
Upgrade your Kubernetes, Amazon EKS, and third party tool	○	○	○	◉	○

We have finished recording your relevant individual AWS skills.

If you would like to review those skills or change answers you may use the Previous button.

Otherwise press the Next button to proceed.

In addition to any topics covered in the survey so far please select **at most four AWS service categories** for which additional training is important to you. (Optional)

To see the list of AWS Services by category see [Cloud Products](#)

☐ Analytics	☐ Customer Engagement	☐ Media Services
☐ Application Integration	☑ **Database**	☐ Migration & Transfer
☐ AR & VR	☐ Developer Tools	☐ Mobile
☐ AWS Cost Management	☐ End user computing	☐ Network & Content Delivery
☐ Blockchain	☐ Game tech	☐ Robotics
☐ Business Applications	☐ Internet of Things	☐ Satellite

☐ Compute   ☐ Machine Learning   ☑ **Security - Identity - Compliance**

☐ Containers   ☑ **Management & Governance**   ☑ **Storage**

Do you have any additional AWS Training Requests? (Optional)

[   ]

Would you like to provide feedback on the survey?

Select "Yes" to provide feedback. Select "No" to conclude the survey.

○ Yes

◉ **No**

Attention: On the next screen you will be presented your survey recommendations.

Please be sure to click on **"Download PDF"** hyperlink to save a copy of your recommendations and survey response summary. You will not be able to access this information after closing out of survey.

Reference screenshot below for additional clarity:

Best regards,
AWS Training & Certification
https://aws.amazon.com/training/

Below is a summary of your responses   Download PDF

This Learning Needs Analysis is for CUSTOMER LNA MASTER 12-05 22. If you are not part of CUSTOMER LNA MASTER 12-05 22 please close this survey.