
AWS
re:Invent
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EUC313-R

Building streaming applications using Amazon AppStream 2.0 Elastic fleets

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Session agenda

Introduction (5 min)

Solution overview (10 min)

Builders’ lab (45 min)

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Session goals

Understand application build requirements for Amazon AppStream 2.0 Elastic fleets

Create an app block and associated setup script

Deploy an Elastic fleet as a bastion host pool

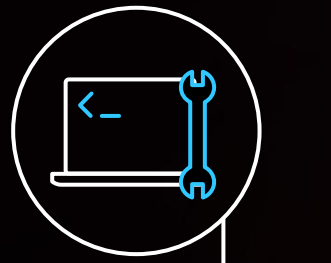


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AppStream 2.0 overview

End-user experience

- Application streaming or virtual desktop service with selective persistence
- Adjusts streaming to network conditions



Architecture

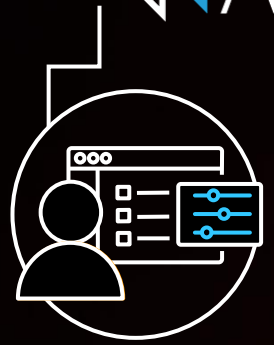
- Selective persistence
- Integrates existing IT, storage, and identity



amazon AppStream 2.0

Curated admin

- Centrally manage apps
- Admin defines end-user experience
- Deliver app updates seamlessly like a web app



Approach

- Fully managed service
- Deploy at scale globally
- Pay-as-you-go pricing

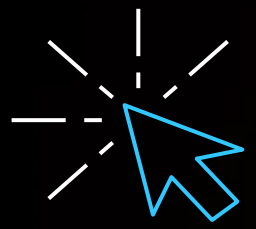


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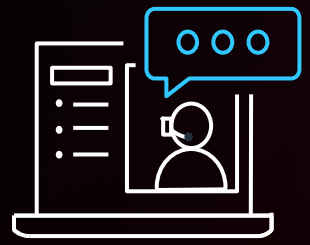
AppStream 2.0 overview

Enterprise use cases



- Access to applications or virtual desktops with selective persistence
- Secure access to corporate resources via personal device
- On-demand access to graphics apps
- App migration to AWS
- Bastion host

Education use cases



- Lab / classroom virtualization
- Remote learning

ISV use cases

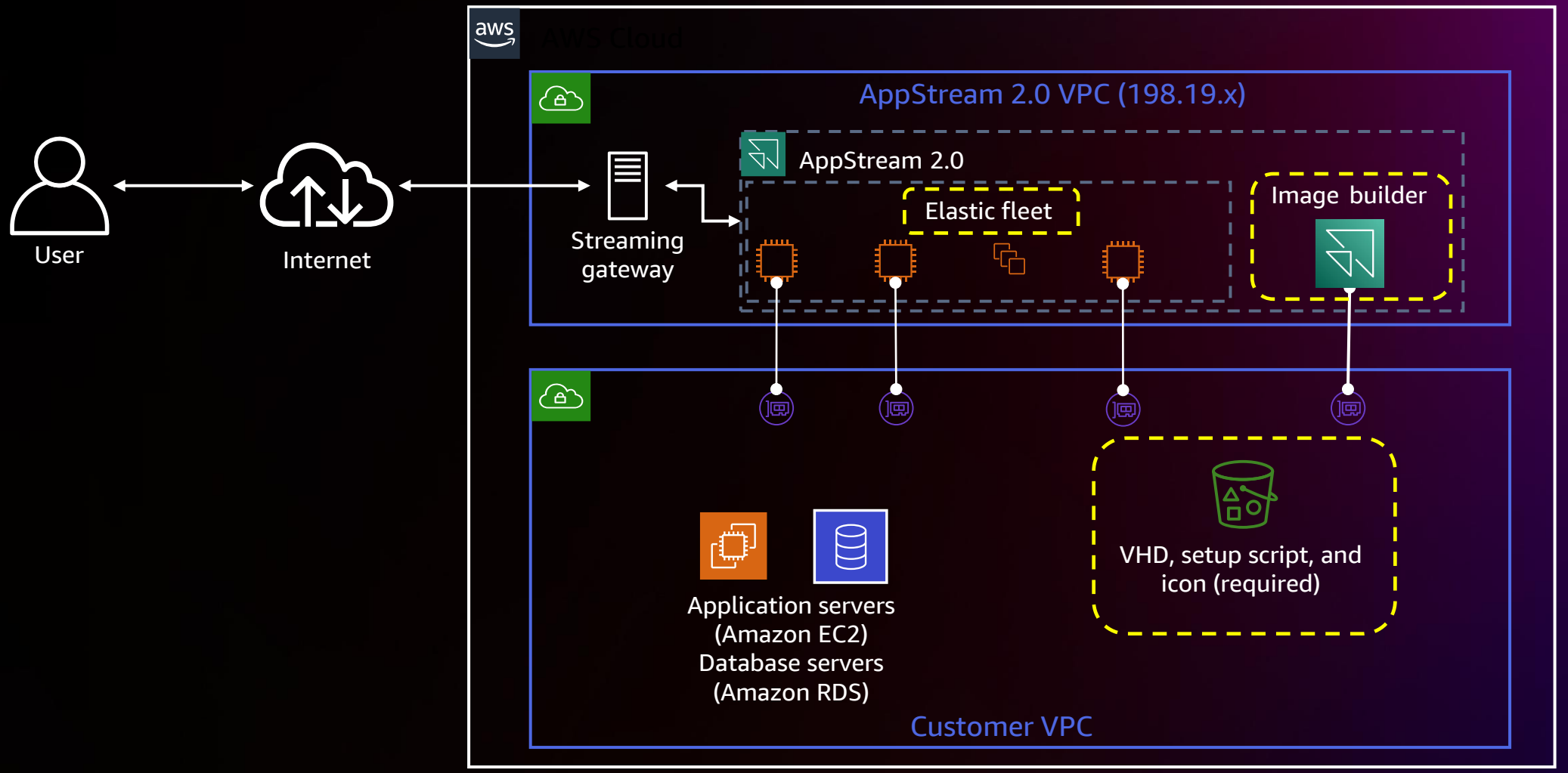


- Online trials, demos, training
- SaaSify apps without refactoring
- Enable cloud migrations

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AppStream 2.0 overview



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Builders’ Lab

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Getting started

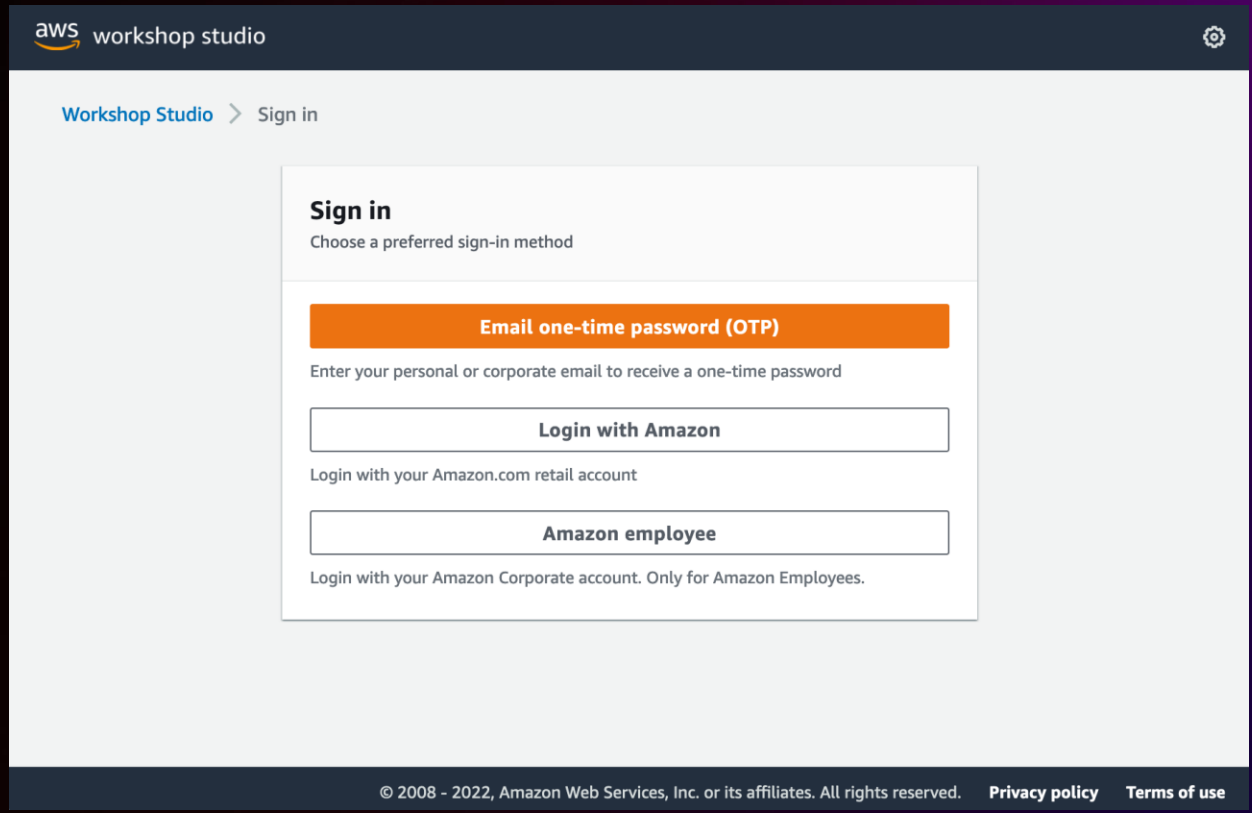
- You have been granted access to an AWS account with preprovisioned infrastructure and IAM policies required for the session lab
- Access to the account is only available for the duration of this session
- Preprovisioned infrastructure is deployed in a specific AWS Region. See session content to determine if available in other Regions
- Review the terms and conditions for the event. Do not upload any personal or confidential information to the account

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Step 1 – Sign in via your preferred method

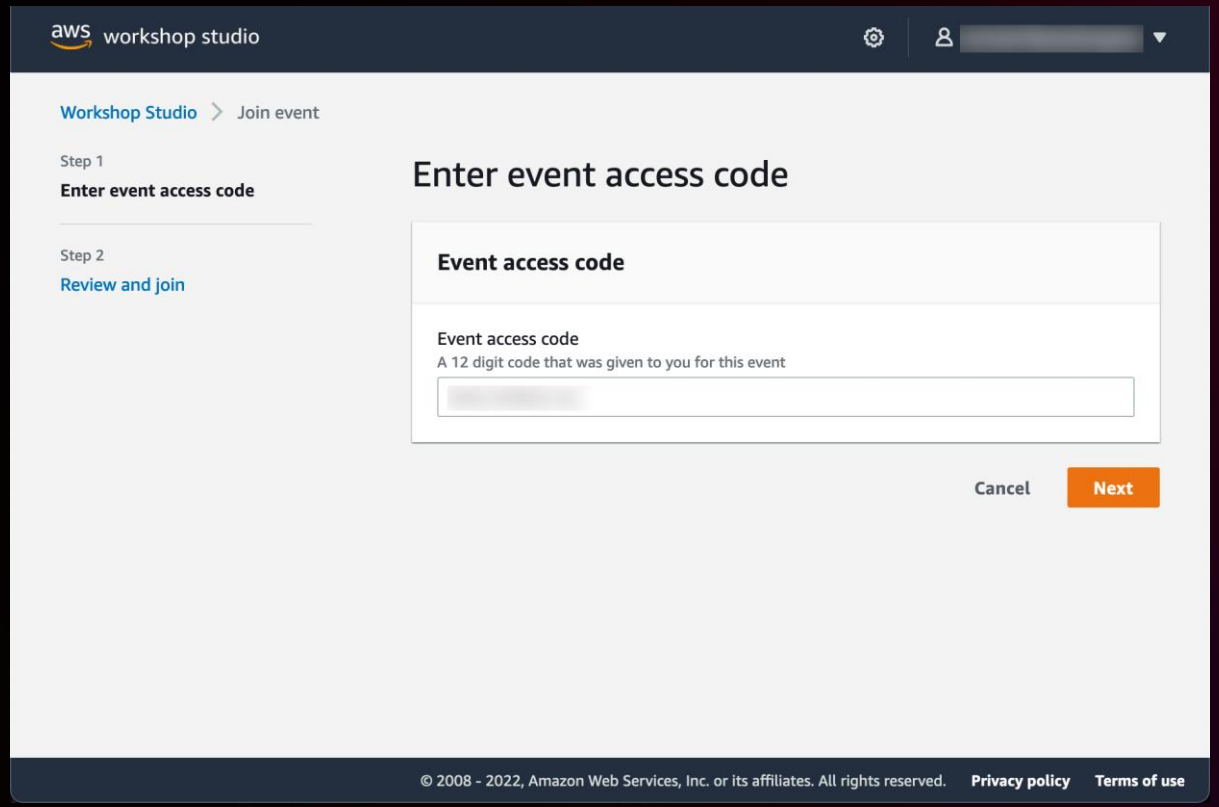
https://catalog.workshops.aws/join



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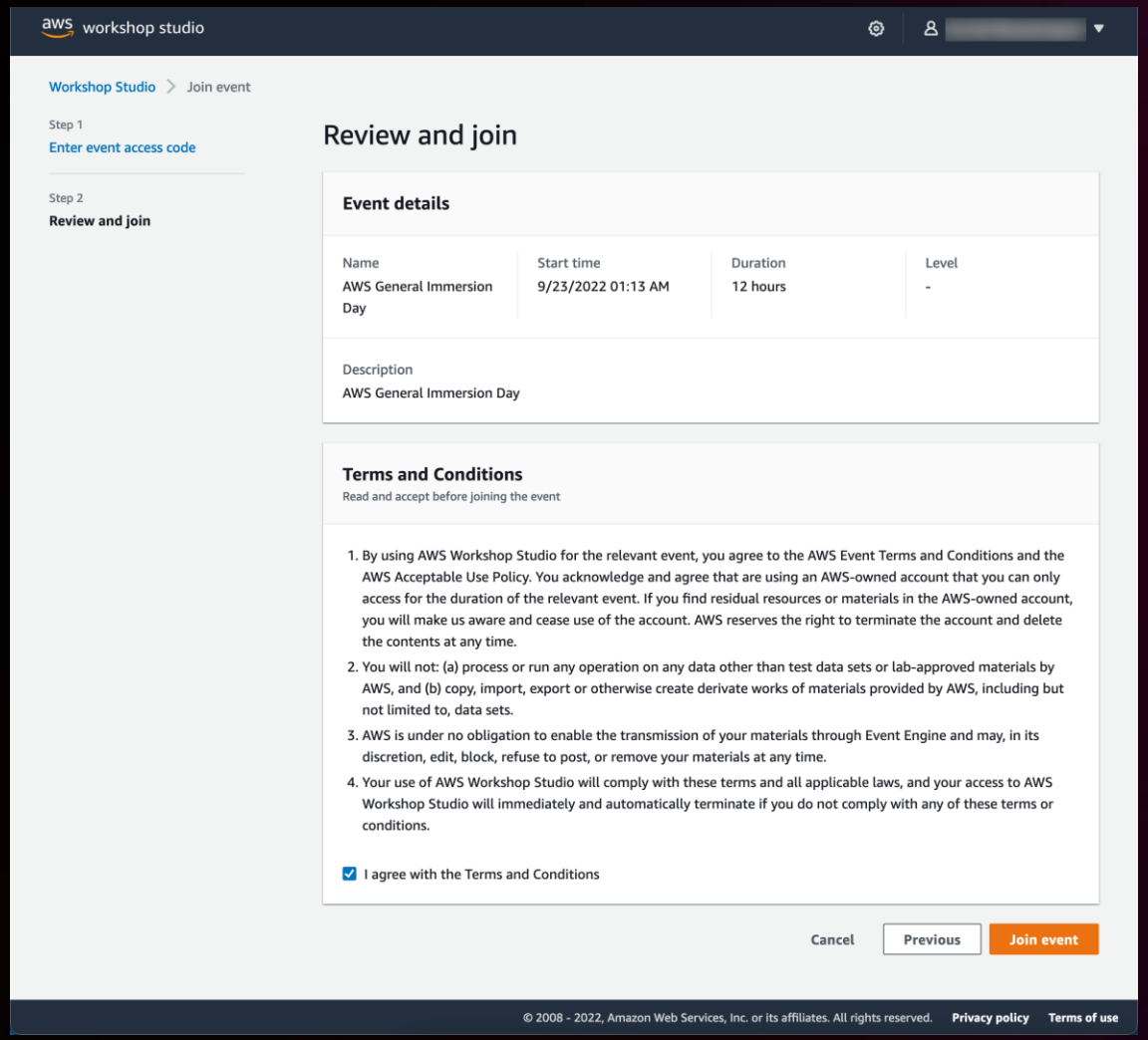
Step 2 – Enter event access code

Enter 12-digit event access code. If you were given a one-click join link, skip this step.



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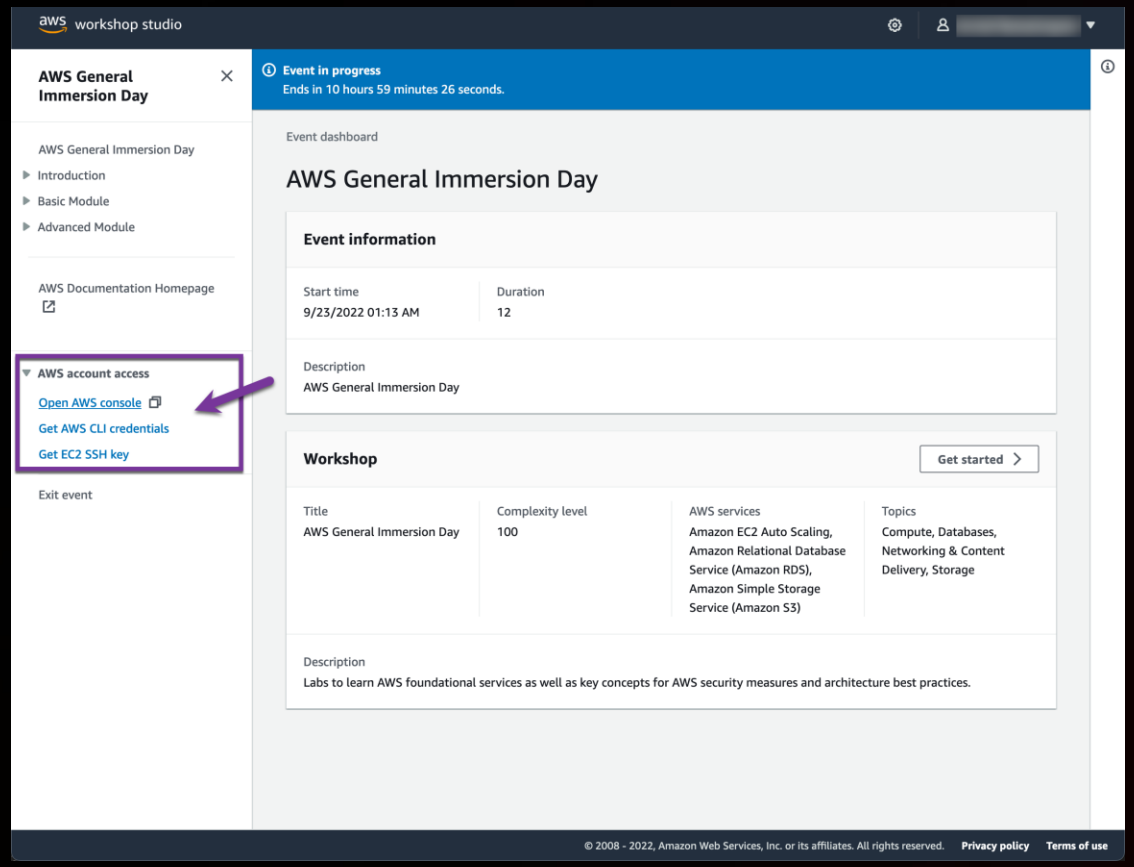
Step 3 – Review terms and join event

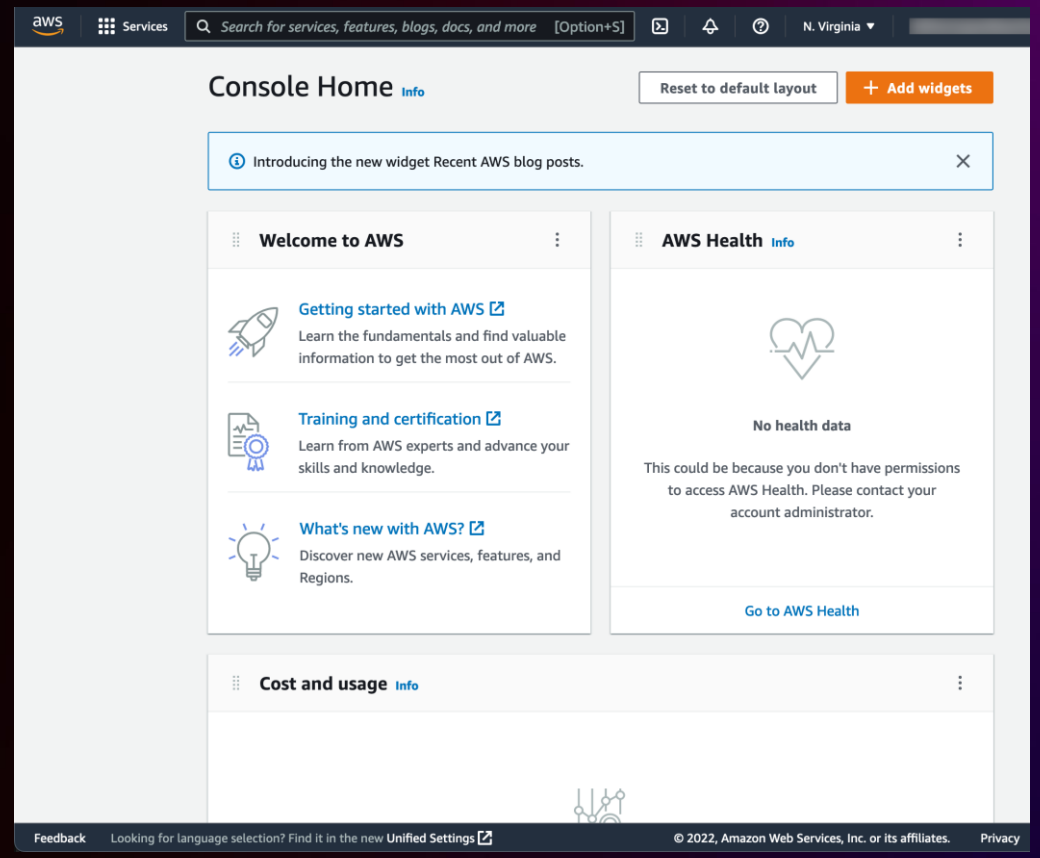


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Step 4 – Access AWS account

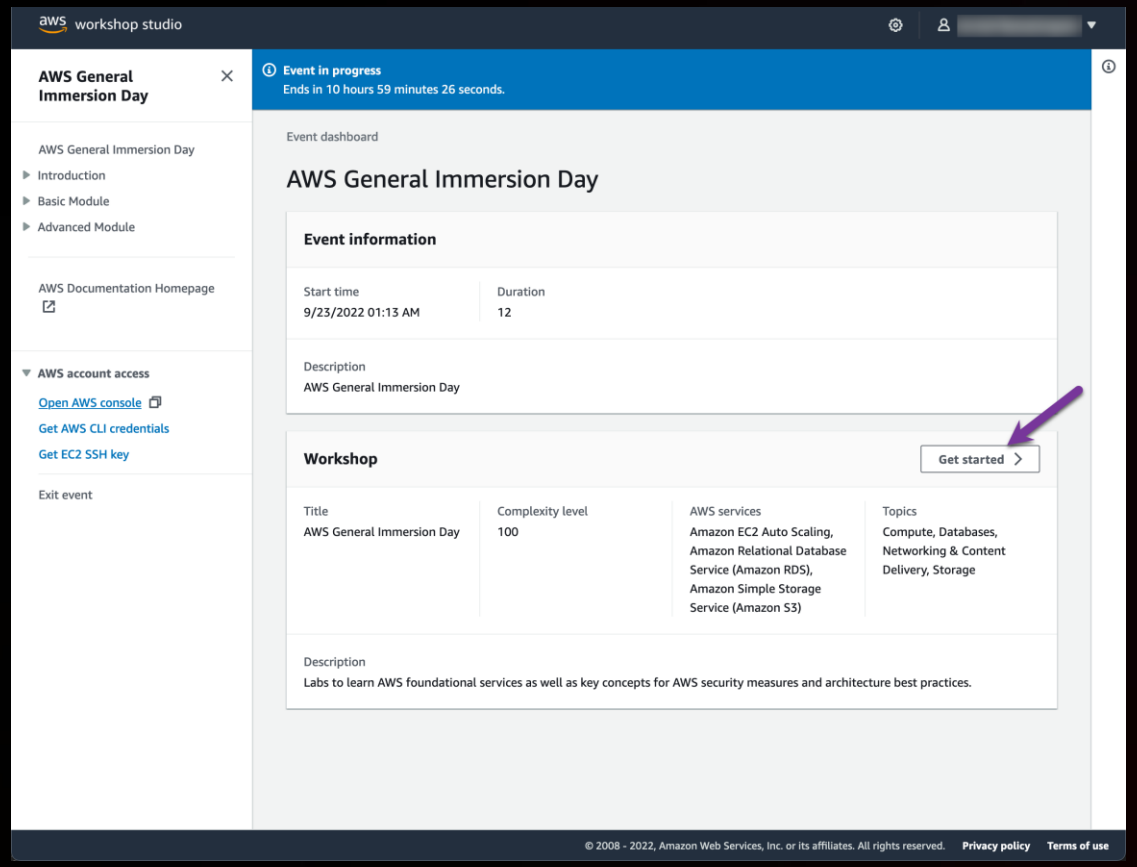
Access the AWS console, or generate AWS CLI credentials as needed

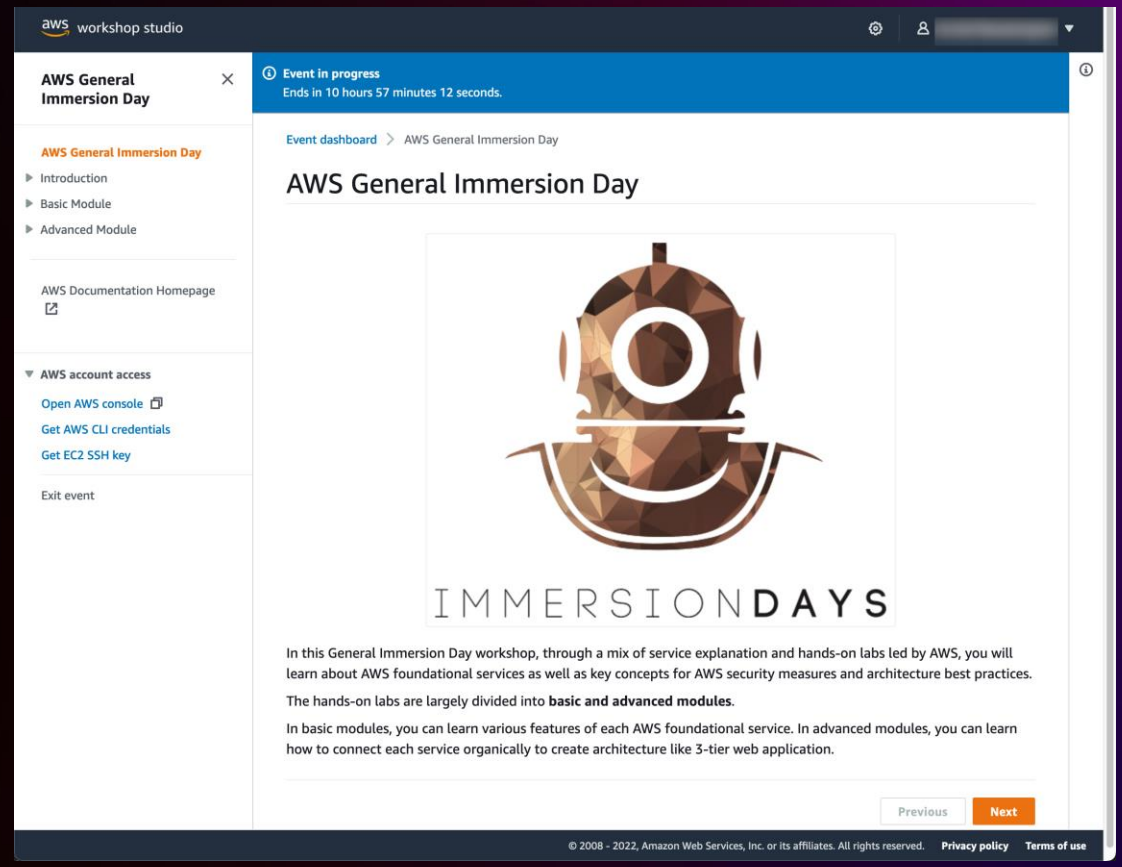




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Step 5 – Get started with the lab





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End user computing: other track sessions

Type	Code	Level	Day / Time	Title	Speakers
Breakouts	EUC 204	200	11/29, 2:00p – 3:00p	Creating remote work environments that optimize security and productivity	Melissa Stein
	EUC 201	200	11/29, 5:00p – 6:00p	Creating the workplace of the future with AWS end user computing	Muneer Mirza
	EUC 307	300	11/30, 8:30a – 9:30a	Accelerating SaaS conversion of legacy applications	Gurinder Raju
	EUC 203	200	11/30, 10:00a – 11:00a	Creating flexibility and choice for VDI management with Amazon WorkSpaces	Kevin Goodman
Chalk talks	EUC 310	300	11/29, 12:30p – 1:30p	Streamlining log-on experience for Amazon WorkSpaces and AppStream 2.0	Asriel Agronin
	EUC 205 – R1	200	11/29, 2:45p-3:45p	Managing application deployment in an Amazon WorkSpaces environment	Sam Goad
	EUC 302	300	11/29, 3:30p – 4:30p	No refactoring required: Turning legacy applications into SaaS	Dave Jaskie
	EUC 309	300	11/30, 10:00a – 11:00a	Choosing an Amazon AppStream 2.0 fleet to reduce costs & optimize experience	Manav Verma
	EUC 312	300	11/30, 2:30p – 3:30p	Securing end user computing workloads on AWS end user computing services	Michael Matts
	EUC 308	300	11/30, 5:30p – 6:30p	Best practices for migrating on-premises VDI workloads to the cloud	Phil Persson
	EUC 301 – R1	300	12/01, 11:45a – 12:45p	Securely stream AWS workloads to your remote workers	Andrew Morgan, Ariel Fu

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End user computing: other track sessions

Type	Code	Level	Day / Time	Title	Speakers
Workshops	EUC 303	300	11/29, 2:45p – 4:45p	Getting started with Amazon AppStream 2.0	Dylan Barlett
	EUC 304	300	11/30, 11:30a – 1:30p	Enable secure access to private resources with Amazon WorkSpaces Web	Spencer DeBrosse, Grant Joslyn
	EUC 306 – R1	300	11/30, 3:15p – 5:15p	Getting started with Amazon WorkSpaces	Dave Jaskie
Builders	EUC 313	300	11/29, 11:00a – 12:00p	Building streaming applications using Amazon AppStream 2.0 Elastic fleets	Don Scott
	EUC 313 – R1	300	11/30, 4:00p – 5:00p	Building streaming applications using Amazon AppStream 2.0 Elastic fleets	Don Scott
Theater	EUC 001	NA	11/30, 2:30p – 2:50p	Maximize employee experience with Amazon WorkSpaces & AppStream 2.0	Stephen Stetler
	EUC 002	NA	11/30, 3:00p – 3:20p	Modernize your virtual desktop infrastructure with Amazon WorkSpaces	Andrew Kloman

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Learn more about AWS End User Computing

AWS re:Invent

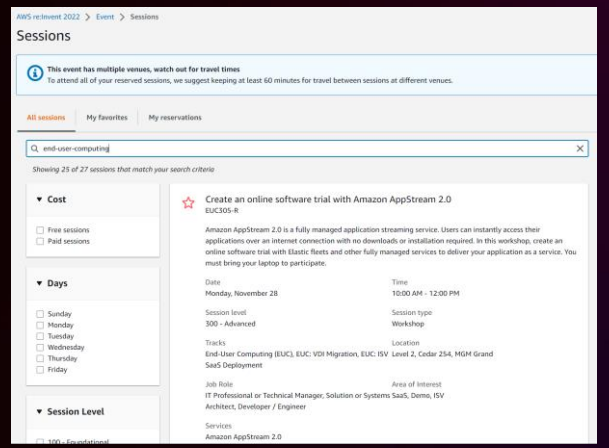
AWS End User Computing Reception

November 30, 2022 | 6:00PM - 9:00PM PST

Electra Cocktail Club, 3325 South Las Vegas Boulevard, Las Vegas, NV 89109

bit.ly/3hMzcVB

Visit the EUC re:Invent session catalog



bit.ly/3TGUGAi

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Thank you!

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