

# AWS re:Invent

NOV. 28 – DEC. 2, 2022 | LAS VEGAS, NV

EUC305-R

# Create an online software trial with Amazon AppStream 2.0

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AWS



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# Amazon AppStream 2.0 workshop agenda

- Brief AppStream 2.0 service overview
- Lab: Part 1 – Create an AppStream 2.0 Elastic fleet
- Lab: Part 2 – Create an online software trial
- Conclusion and cleanup

Please take breaks as needed



# Getting started

- As a participant, you will be granted access to an AWS account with pre-provisioned infrastructure and AWS Identity and Access Management (IAM) policies required for the workshop
- Access to the account is only available for the duration of this workshop
- Pre-provisioned infrastructure is deployed in a specific Region; see workshop content to determine if other Regions will be used
- Review the terms and conditions for the event; do not upload any personal or confidential information to the account

# Step 1: Sign in via your preferred method

<https://catalog.workshops.aws/join>



aws workshop studio

Workshop Studio > Sign in

### Sign in

Choose a preferred sign-in method

**Email one-time password (OTP)**

Enter your personal or corporate email to receive a one-time password

**Login with Amazon**

Login with your Amazon.com retail account

**Amazon employee**

Login with your Amazon Corporate account. Only for Amazon Employees.

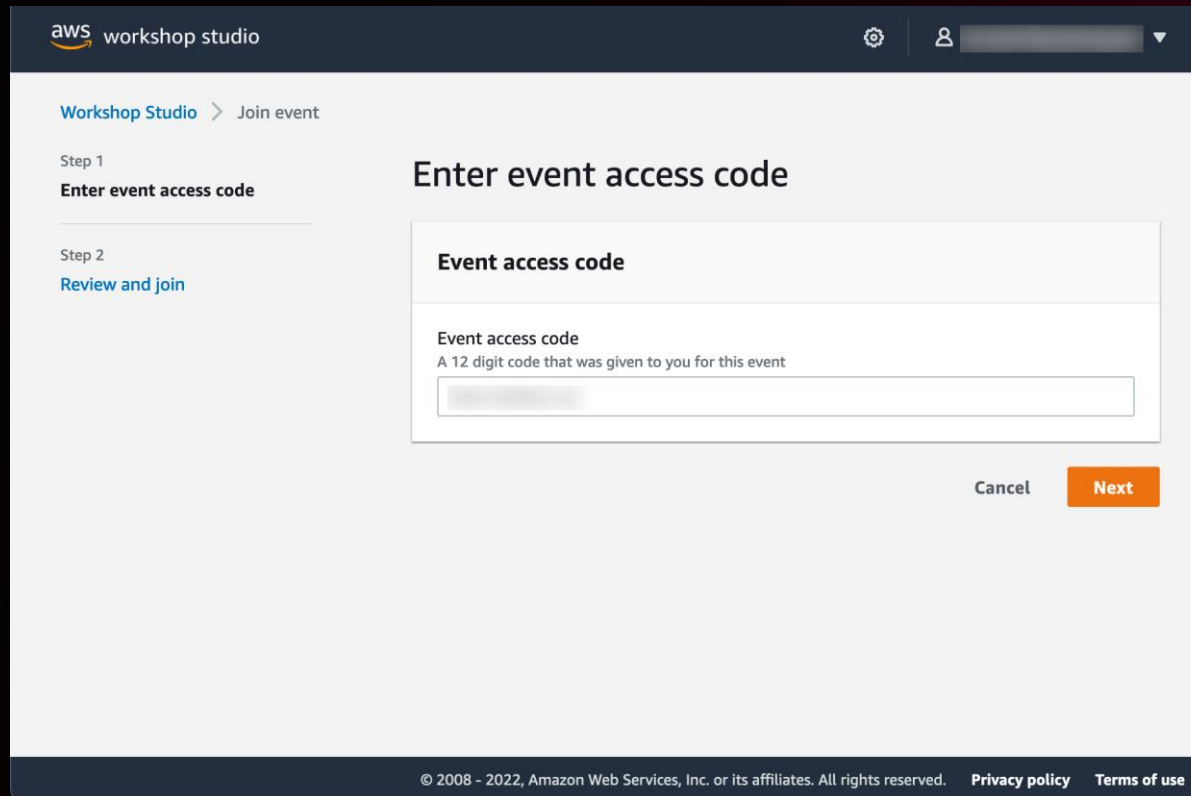
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# Step 2: Enter event access code

Enter 12-digit event access code

21f1-0799ef-01




If you were given a one-click join link, skip this step



The screenshot shows the AWS Workshop Studio interface for joining an event. The top navigation bar includes the AWS logo, 'workshop studio', a settings gear icon, a user profile icon, and a dropdown arrow. The breadcrumb trail is 'Workshop Studio > Join event'. On the left, a sidebar shows 'Step 1: Enter event access code' (active) and 'Step 2: Review and join'. The main content area is titled 'Enter event access code'. It contains a box labeled 'Event access code' with a description: 'Event access code' and 'A 12 digit code that was given to you for this event'. Below this is a text input field. At the bottom right of the main area are 'Cancel' and 'Next' buttons. The footer contains copyright information: '© 2008 - 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.' and links to 'Privacy policy' and 'Terms of use'.

# Step 3: Review terms and join event

aws workshop studio

Workshop Studio > Join event

Step 1  
[Enter event access code](#)

Step 2  
**Review and join**

## Review and join

### Event details

Name	Start time	Duration	Level
AWS General Immersion Day	9/23/2022 01:13 AM	12 hours	-

Description  
AWS General Immersion Day

### Terms and Conditions

Read and accept before joining the event

1. By using AWS Workshop Studio for the relevant event, you agree to the AWS Event Terms and Conditions and the AWS Acceptable Use Policy. You acknowledge and agree that are using an AWS-owned account that you can only access for the duration of the relevant event. If you find residual resources or materials in the AWS-owned account, you will make us aware and cease use of the account. AWS reserves the right to terminate the account and delete the contents at any time.
2. You will not: (a) process or run any operation on any data other than test data sets or lab-approved materials by AWS, and (b) copy, import, export or otherwise create derivate works of materials provided by AWS, including but not limited to, data sets.
3. AWS is under no obligation to enable the transmission of your materials through Event Engine and may, in its discretion, edit, block, refuse to post, or remove your materials at any time.
4. Your use of AWS Workshop Studio will comply with these terms and all applicable laws, and your access to AWS Workshop Studio will immediately and automatically terminate if you do not comply with any of these terms or conditions.

☒ I agree with the Terms and Conditions

Cancel

Previous

Join event

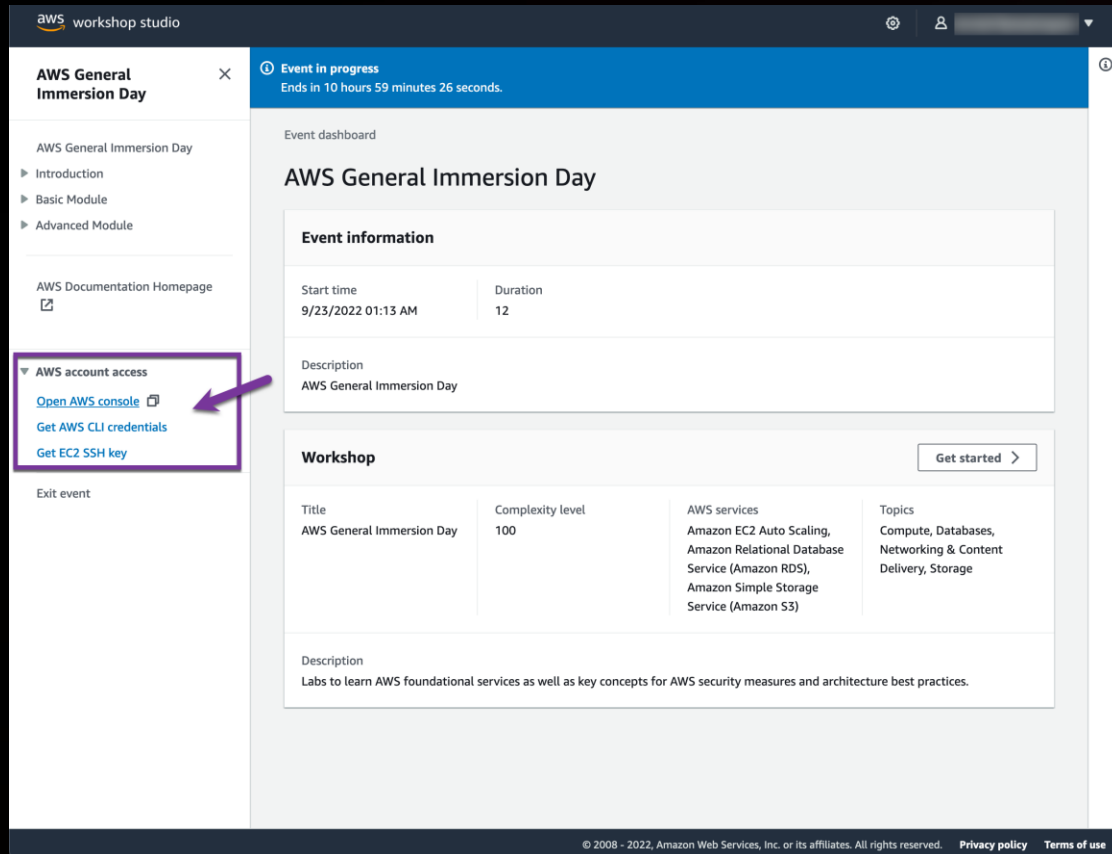
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# Step 4: Access AWS account

Access the AWS Management Console, or generate AWS CLI credentials as needed

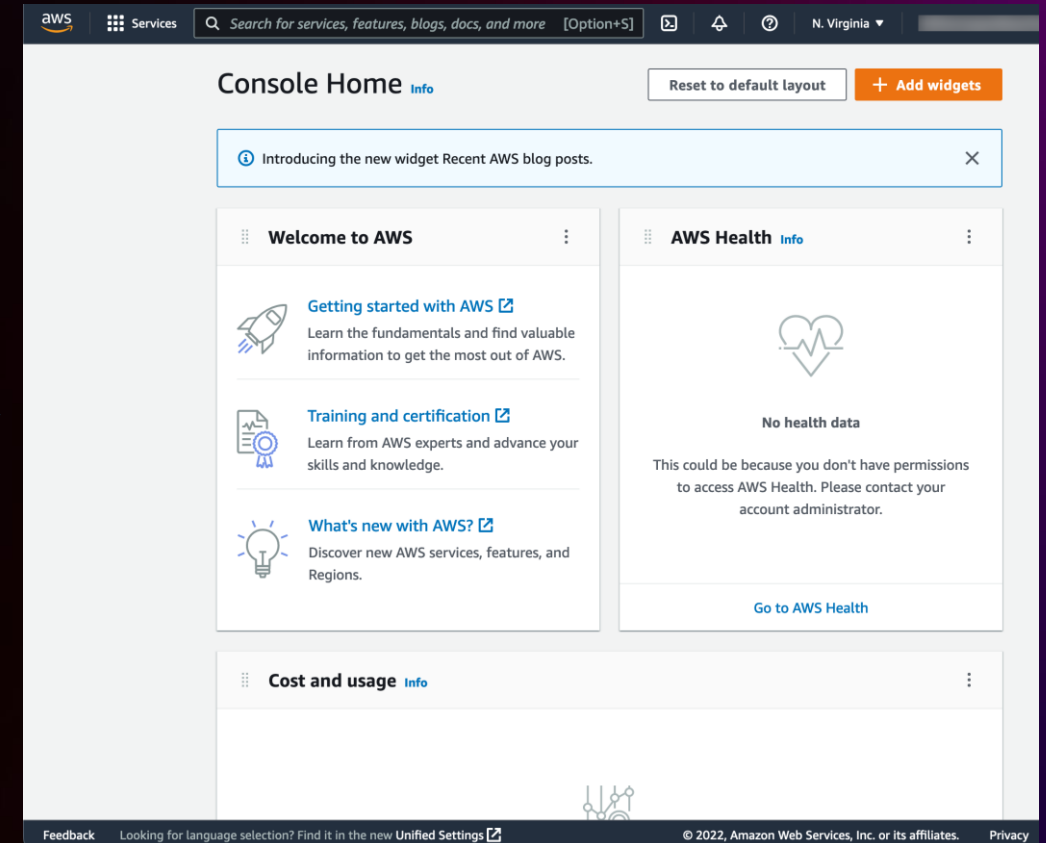


The screenshot shows the AWS Workshop Studio interface. On the left sidebar, under the 'AWS account access' section, the 'Open AWS console' link is highlighted with a purple box and an arrow. The main content area displays the 'AWS General Immersion Day' event dashboard, including event information (start time, duration, description) and a workshop overview table.

Event information	
Start time	Duration
9/23/2022 01:13 AM	12
Description AWS General Immersion Day	

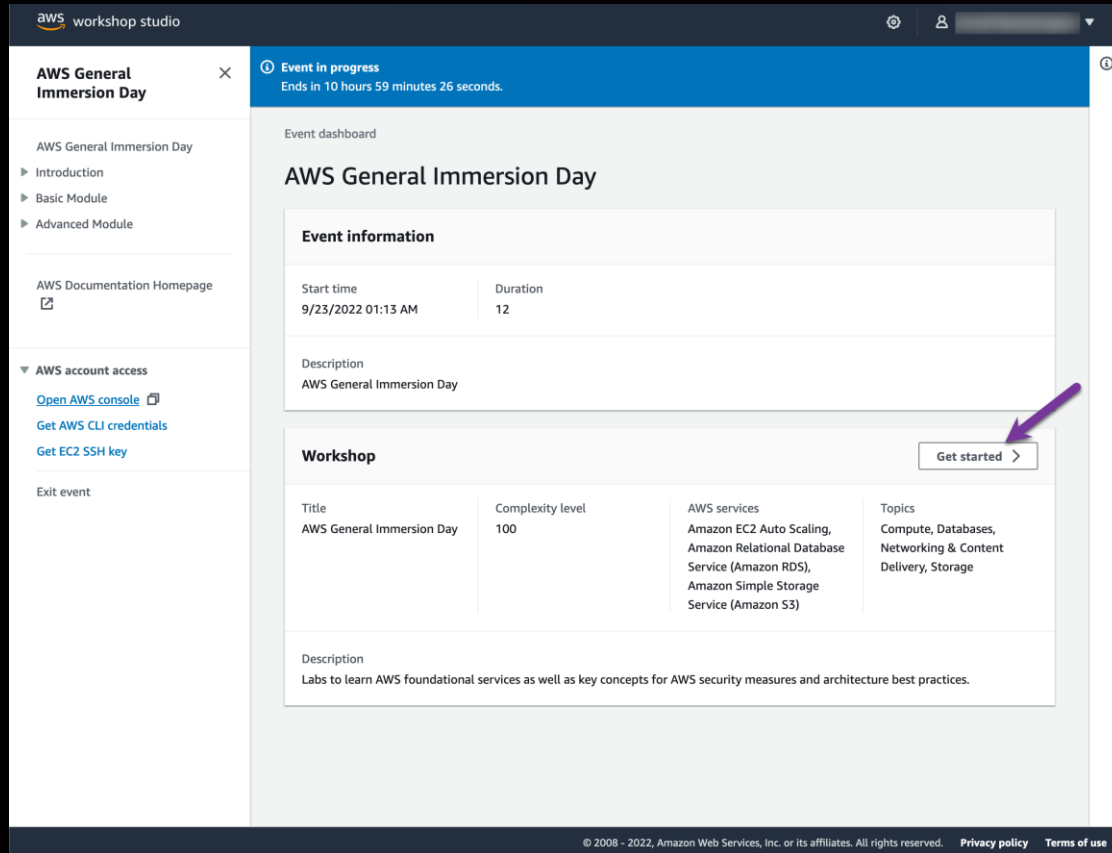
Workshop			
Title	Complexity level	AWS services	Topics
AWS General Immersion Day	100	Amazon EC2 Auto Scaling, Amazon Relational Database Service (Amazon RDS), Amazon Simple Storage Service (Amazon S3)	Compute, Databases, Networking & Content Delivery, Storage
Description Labs to learn AWS foundational services as well as key concepts for AWS security measures and architecture best practices.			



The screenshot shows the AWS Management Console Home page. It features a top navigation bar with the AWS logo, a search bar, and a region selector (N. Virginia). The main content area displays several widgets: 'Welcome to AWS' with links for 'Getting started with AWS', 'Training and certification', and 'What's new with AWS?'; 'AWS Health' showing 'No health data' and a 'Go to AWS Health' link; and 'Cost and usage'.



# Step 5: Get started with the workshop



aws workshop studio

Event in progress  
Ends in 10 hours 59 minutes 26 seconds.

Event dashboard

## AWS General Immersion Day

**Event information**

Start time	Duration
9/23/2022 01:13 AM	12

Description  
AWS General Immersion Day

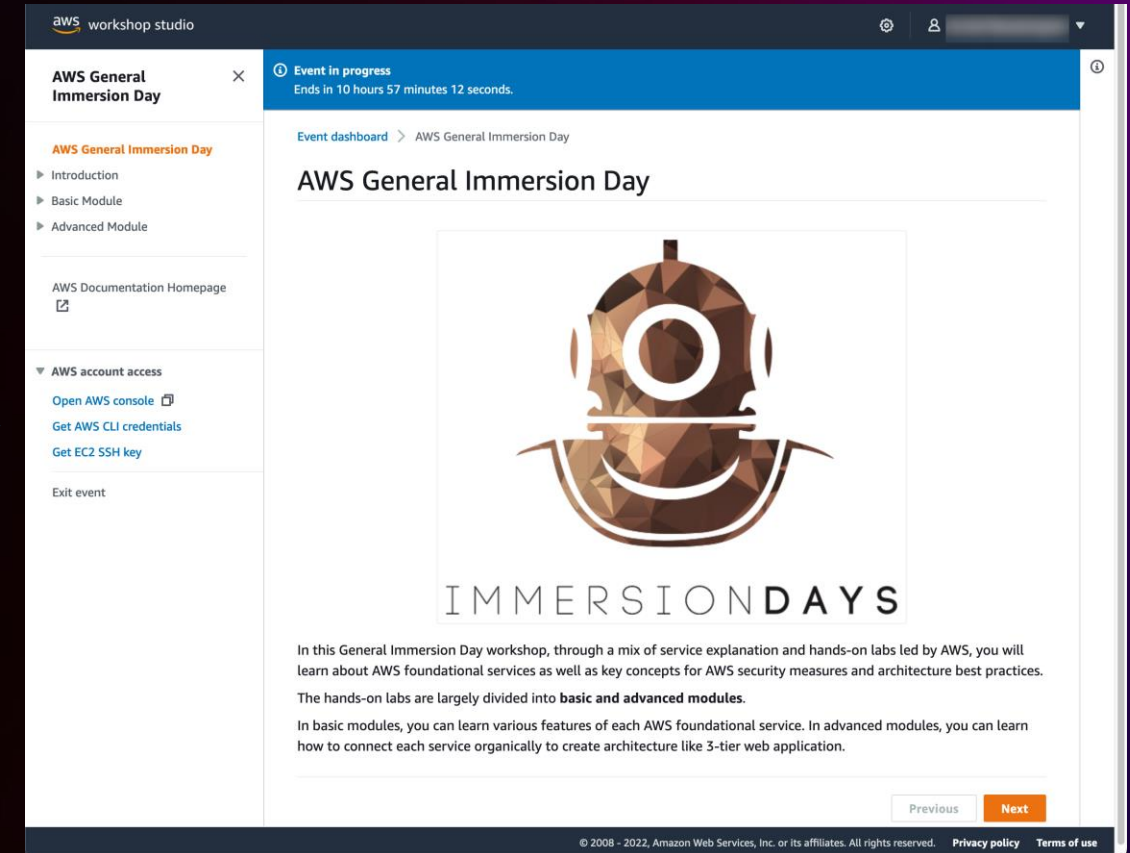
**Workshop**

Title	Complexity level	AWS services	Topics
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Description  
Labs to learn AWS foundational services as well as key concepts for AWS security measures and architecture best practices.

[Get started >](#)

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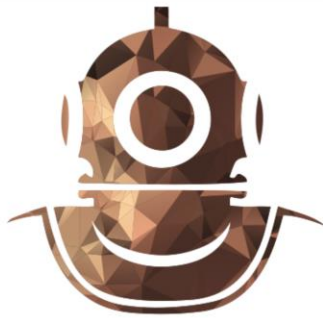


aws workshop studio

Event in progress  
Ends in 10 hours 57 minutes 12 seconds.

Event dashboard > AWS General Immersion Day

## AWS General Immersion Day



# IMMERSIONDAYS

In this General Immersion Day workshop, through a mix of service explanation and hands-on labs led by AWS, you will learn about AWS foundational services as well as key concepts for AWS security measures and architecture best practices.

The hands-on labs are largely divided into **basic and advanced modules**.

In basic modules, you can learn various features of each AWS foundational service. In advanced modules, you can learn how to connect each service organically to create architecture like 3-tier web application.

[Previous](#) [Next](#)

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# Brief service overview



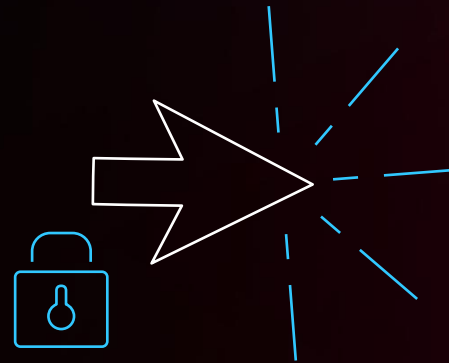
# amazon AppStream 2.0

- ✓ Fully managed
- ✓ Selective persistence
- ✓ Low-cost
- ✓ Application streaming / SaaS conversion

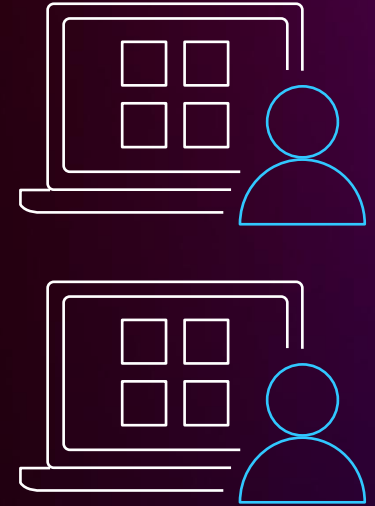
# Amazon AppStream 2.0 overview



**Co-located compute,  
graphics, apps, data**



Encrypted pixel stream  
(AES 256 encryption)



**Users**

# AppStream 2.0 benefits



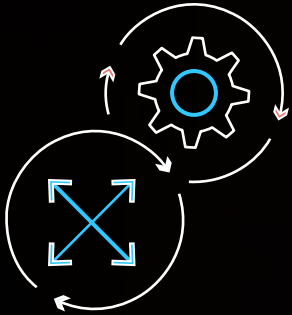
Fully managed



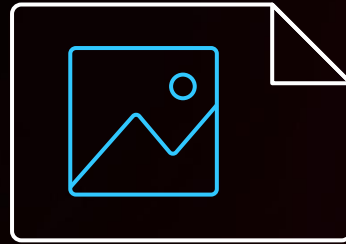
No refactoring



Scale on demand



Flexible instances



Apply branding



Pay as you go

# Stream from optimal location

13 geographical regions – prices might vary AWS Region to Region

## ○ AppStream 2.0 Regions

### GovCloud (US)

US-West

### US West

Oregon

### US East

N. Virginia

Ohio

### Canada

Central

### Europe

Frankfurt

Ireland

London

### Asia Pacific

Singapore

Tokyo

Seoul

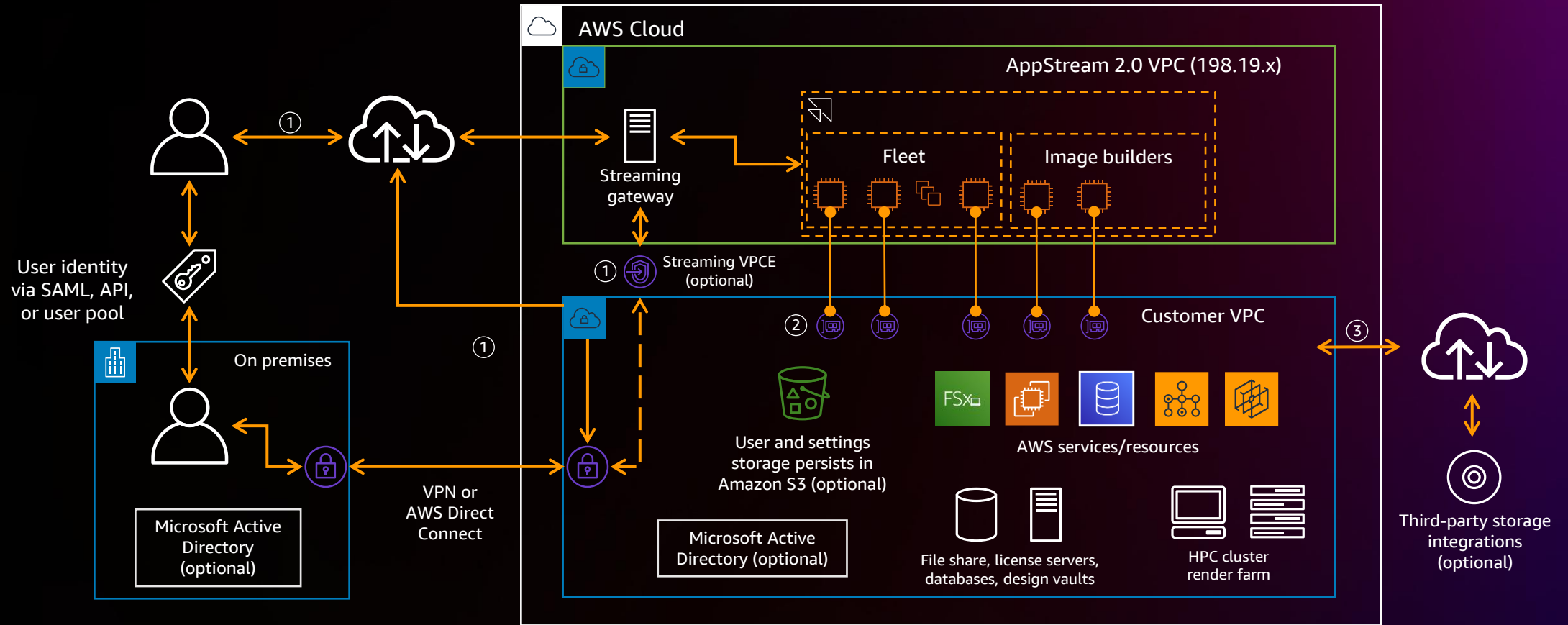
Mumbai

### Australia




Sydney



# Network flow



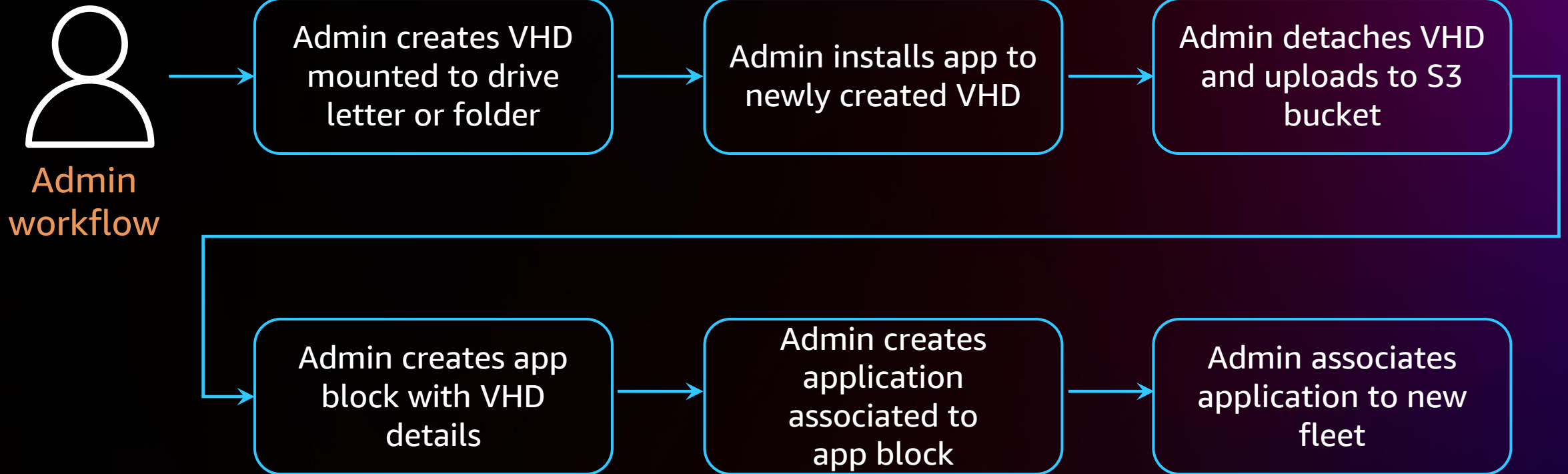
# Fleet types

	Benefits	Pricing
 Always-on	<ul style="list-style-type: none"><li>• Instant connection</li><li>• Standby instances are running</li><li>• Optimized for instant-on experience</li></ul>	<ul style="list-style-type: none"><li>• Windows: per hour (1 hour minimum)</li><li>• Linux: per second (15 min. minimum)</li></ul>
 On-demand	<ul style="list-style-type: none"><li>• Applications launch in ~2 minutes</li><li>• Standby instances are powered off</li><li>• Optimized for cost</li></ul>	<ul style="list-style-type: none"><li>• Windows: per hour + small stopped instance fee (1 hour minimum)</li><li>• Linux: per second + small stopped instance fee (15 min. minimum)</li></ul>
 Elastic	<ul style="list-style-type: none"><li>• Pool of streaming instances managed by AWS</li><li>• No standby capacity to pay for</li></ul>	<ul style="list-style-type: none"><li>• Windows: per second (15 min. minimum)</li><li>• Linux: per second (15 min. minimum)</li></ul>

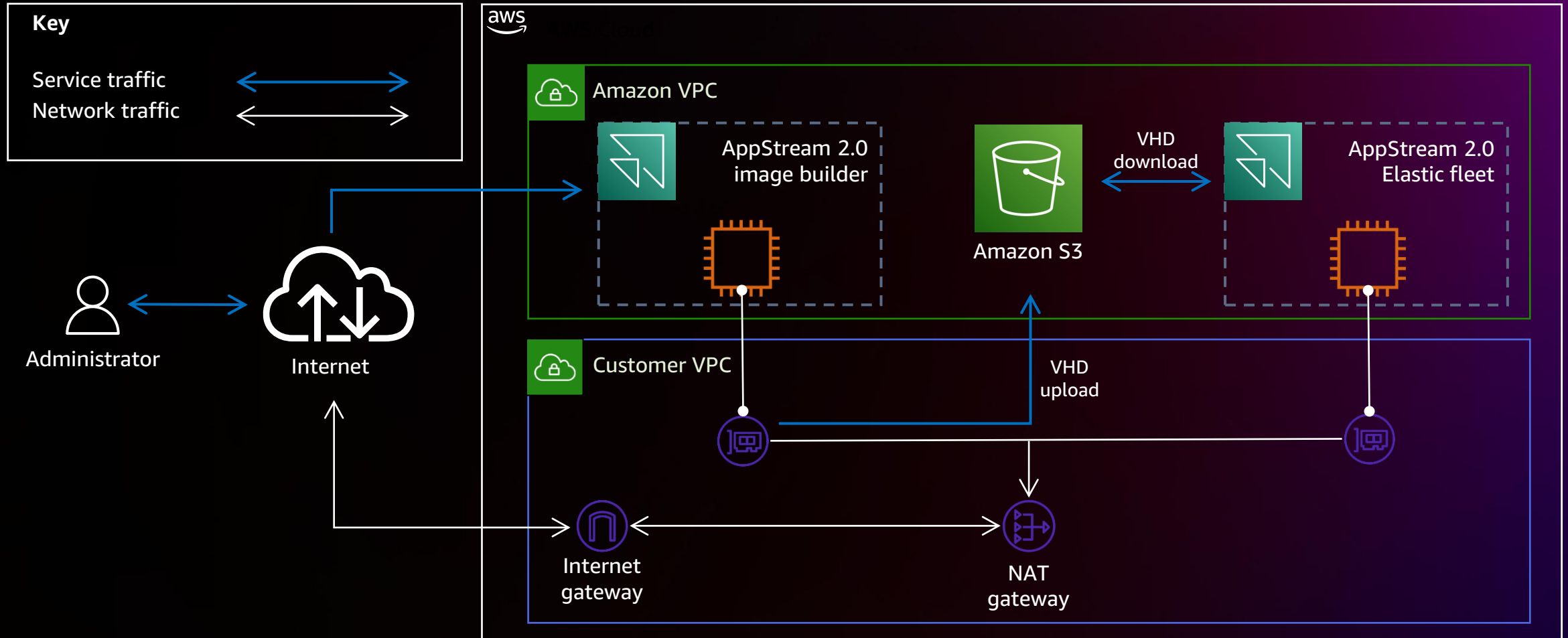




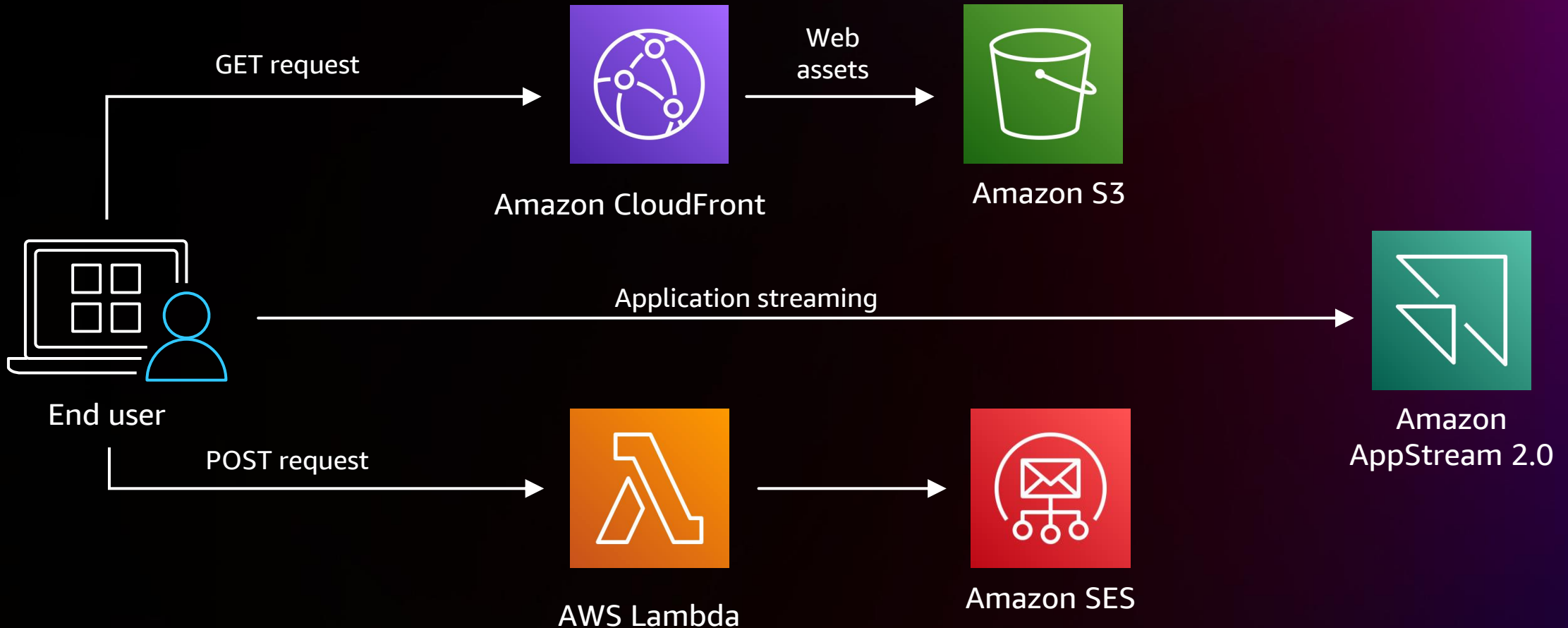
# Part 1 – Create an AppStream 2.0 Elastic fleet



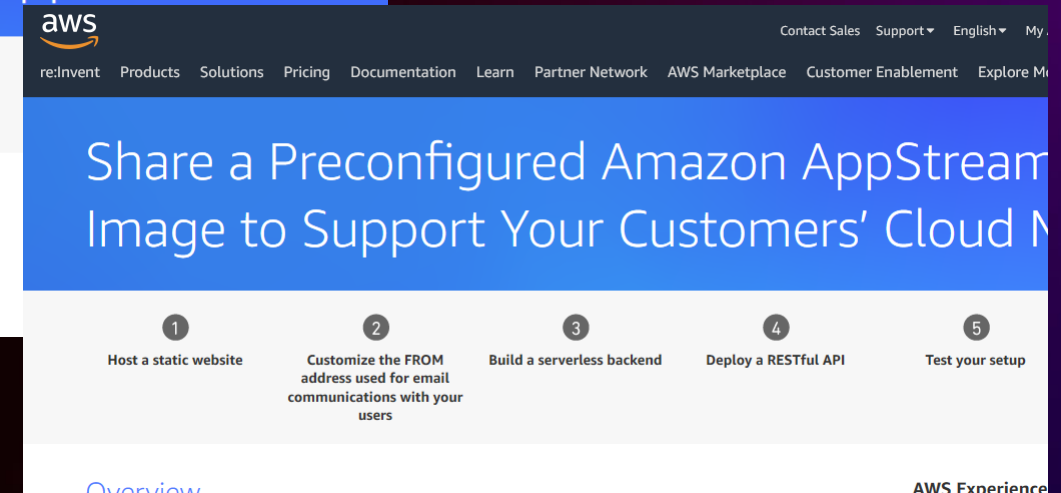
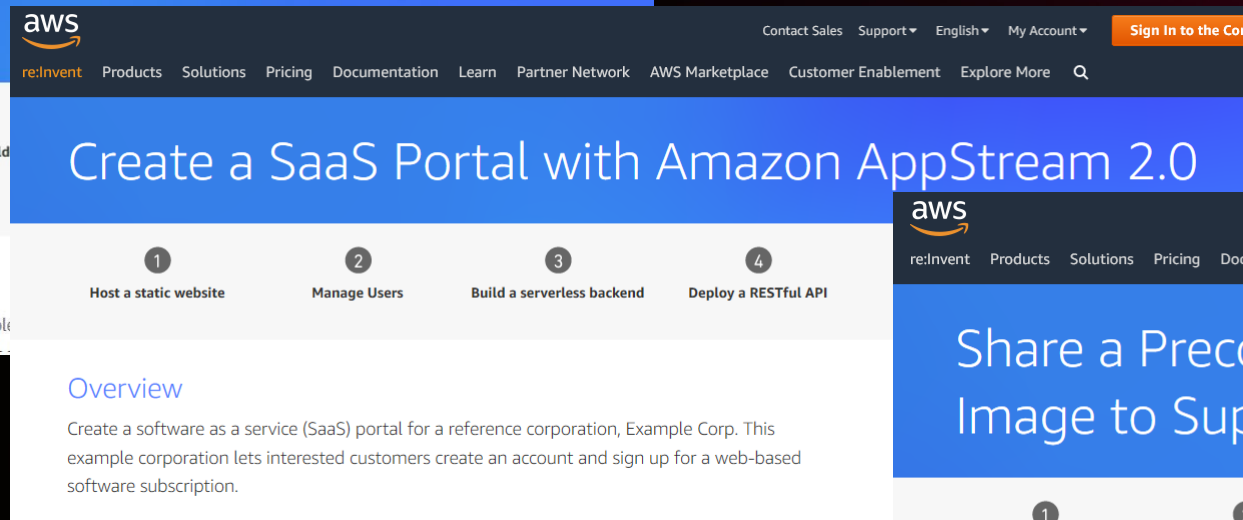
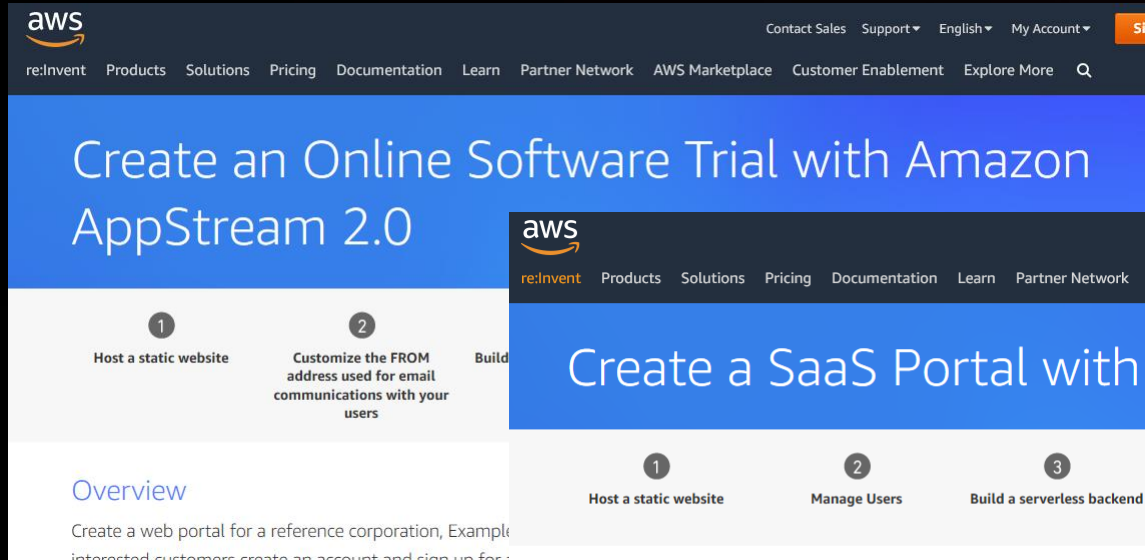
# Part 1 – Architecture



# Part 2 – Create an online software trial



# Amazon AppStream 2.0 ISV project series



AppStream 2.0 ISV project series –

<https://aws.amazon.com/appstream2/getting-started/isv-workshops/>



# Wrap-up



# End user computing: other track sessions

Type	Code	Level	Day / Time	Title	Speakers
Breakouts	EUC 202	200	11/28, 5:30p – 6:30p	What's new with Amazon WorkSpaces, Amazon AppStream 2.0 & WorkSpaces Web	Hassan Ta, Rey Wang
	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 205	200	11/28, 10:45a-11:45a	Managing application deployment in an Amazon WorkSpaces environment	Sam Goad
	EUC 301	300	11/28, 4:00p – 5:00p	Securely stream AWS workloads to your remote workers	Andrew Morgan, Ariel Fu
	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, Jeremy Schiefer
	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

# End user computing: other track sessions

Type	Code	Level	Day / Time	Title	Speakers
Workshops	EUC 305	300	11/28, 10:00a – 12:00p	Create an online software trial with Amazon AppStream 2.0	Jeremy Schiefer
	EUC 306	300	11/28, 1:45p – 3:45p	Getting started with Amazon WorkSpaces	Dave Jaskie
	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 311	300	11/28, 4:00p – 5:00p	Building a secure end user computing environment for power users	Robert Fountain
	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



# Learn more about AWS end user computing

# AWS re:Invent

## AWS End User Computing Reception

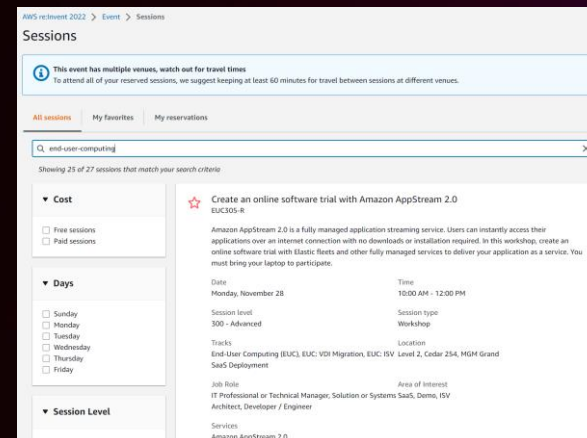
November 30, 2022 | 6:00PM - 9:00PM PST

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



[bit.ly/3hMzcVB](https://bit.ly/3hMzcVB)

Visit the EUC re:Invent  
session catalog



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# Thank you!

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