EWB COURSES

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DAY 01 | PART 4

Four Core AWS Services and How They Work Together

EC2, S3, IAM and VPC explained with one simple story: a school website.

EC2 S3 IAM VPC

WHAT YOU WILL LEARN

Four Core AWS Services and How They Work Together

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1. Describe EC2, S3, IAM and VPC in one line each
2. See how the four services combine in a real example
3. Use the checklist to review the day
4. Be ready for the Windows server class

Meet four AWS tools

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SERVICE	WHAT IT IS	THINK OF IT AS
EC2	Virtual computer in the cloud	A rented laptop
S3	File storage	An online folder
IAM	Permissions - who can do what	The security guard
VPC	Private network	Your own fenced compound

STORY

How do the tools work together? A school website

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1. Find the site - Route 53 turns the website name into the address of the right computer
2. Run the site - EC2 provides a virtual computer that runs the website
3. Show the photo - S3 stores the picture so the website can find it
4. Check access - IAM permissions decide who may use each AWS resource
5. Keep it safe - a VPC organizes and separates your network pieces

CHECKLIST

Your first AWS checklist

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Understand

Cloud = renting computing power. Know public, private and hybrid.

Locate

A Region is an area; an AZ is a location inside it.

Name

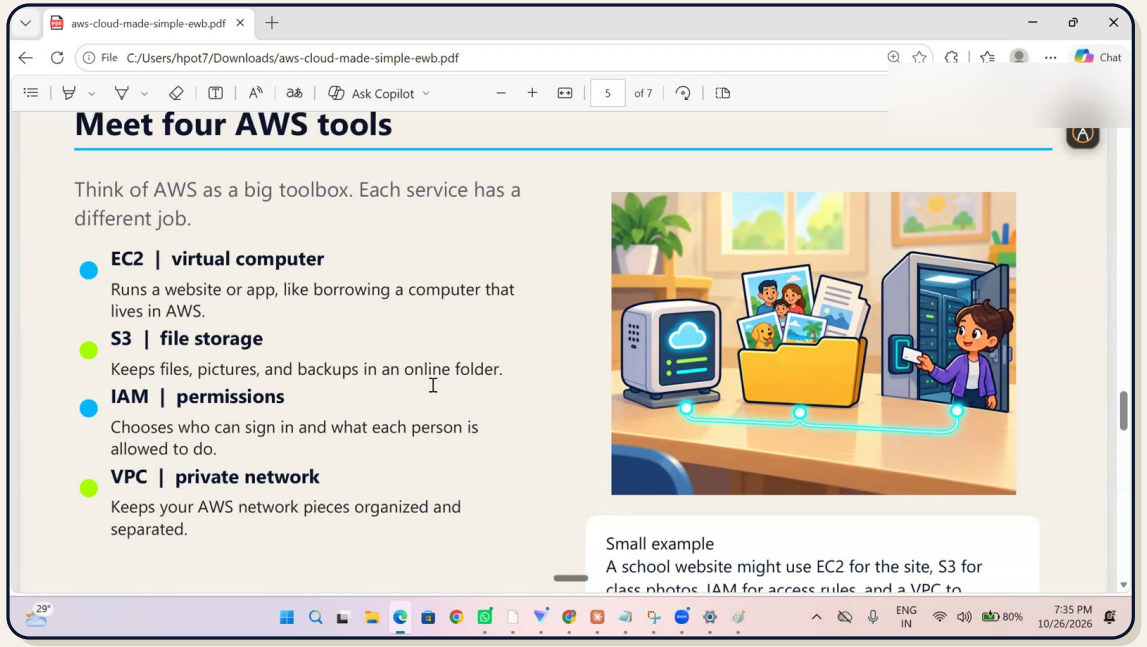
EC2, S3, IAM, VPC - one line each.

Next

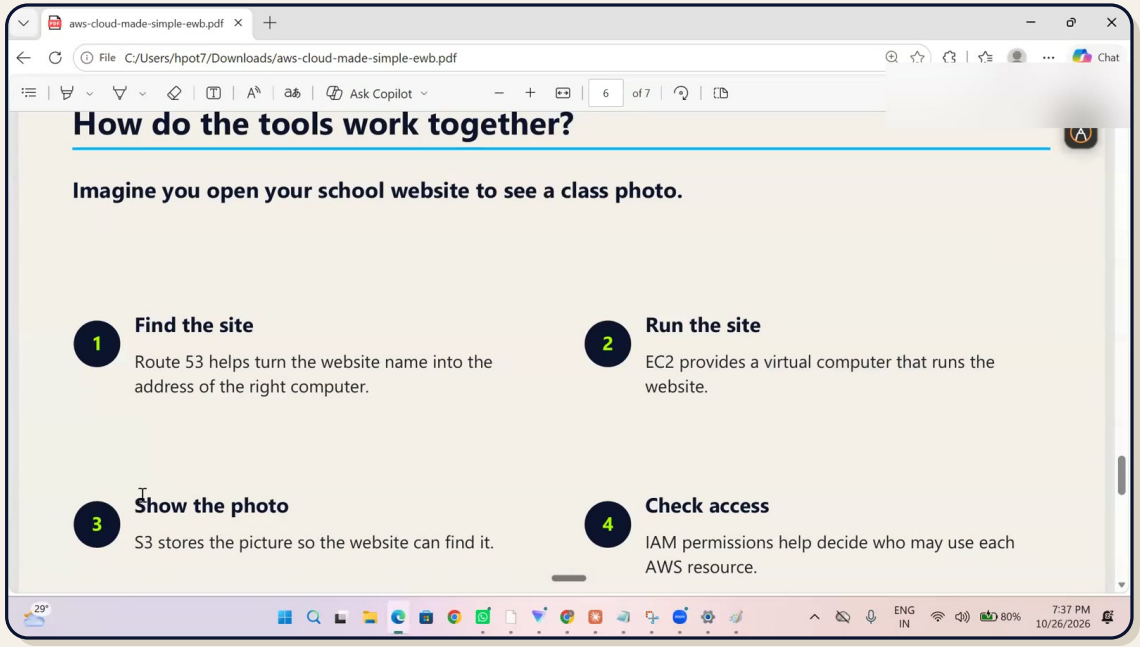
Create your free-tier AWS account and be ready to launch a server in class 2.

FROM THE CLASS

From services to a working site



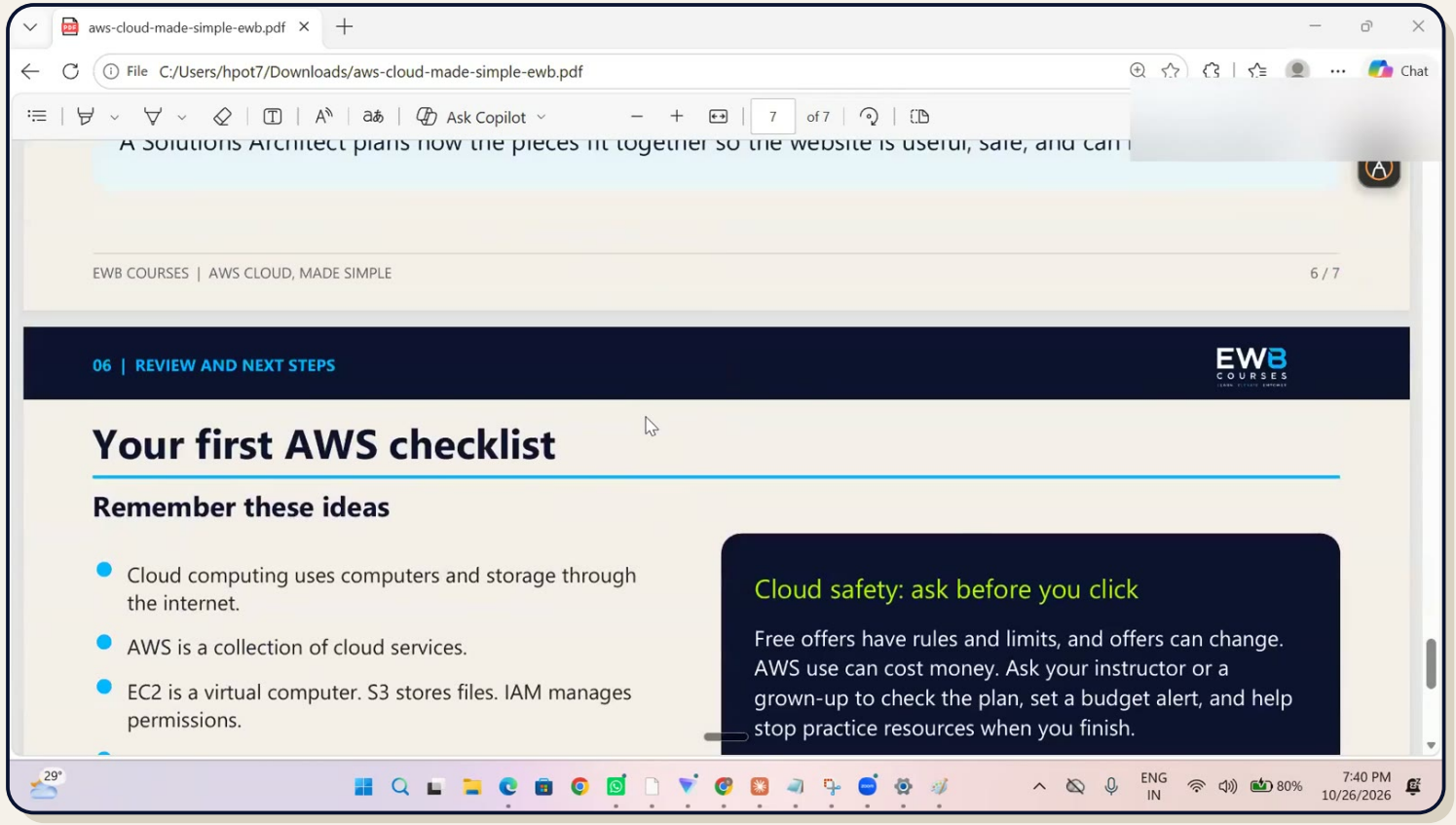
Meet four AWS tools



How do the tools work together?

FROM THE CLASS

Before the next class



A moment from the recording for this part.

Free tier account

Create an AWS account and set a safe password plus MFA.

Pick the Region

Choose Asia Pacific (Mumbai) in the console.

QUICK RECAP

What to remember

- EC2 runs servers, S3 stores files
- IAM controls permissions, VPC is your private network
- Services work together to run one app
- Next class: launch a Windows server on EC2

PRACTICE

Practice questions

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Q1 Which service stores files?

A. EC2
B. S3
C. IAM
D. VPC

Q2 Which service decides who can do what?

A. IAM
B. S3
C. EC2
D. VPC

Q3 Which service gives you a virtual computer?

A. S3
B. EC2
C. IAM
D. Route 53

Q4 What is a VPC?

A. A private network
B. A file
C. A bill
D. A password

PRACTICE

Practice questions - answers

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Q1 Which service stores files?

Answer: B. S3

S3 = file storage.

Q2 Which service decides who can do what?

Answer: A. IAM

IAM = identity and permissions.

Q3 Which service gives you a virtual computer?

Answer: B. EC2

EC2.

Q4 What is a VPC?

Answer: A. A private network

Your own private network in AWS.