LEARN AZURE · PART 1 · BASICS

Your first Azure account

Subscriptions, resource groups and a safety net for your bill

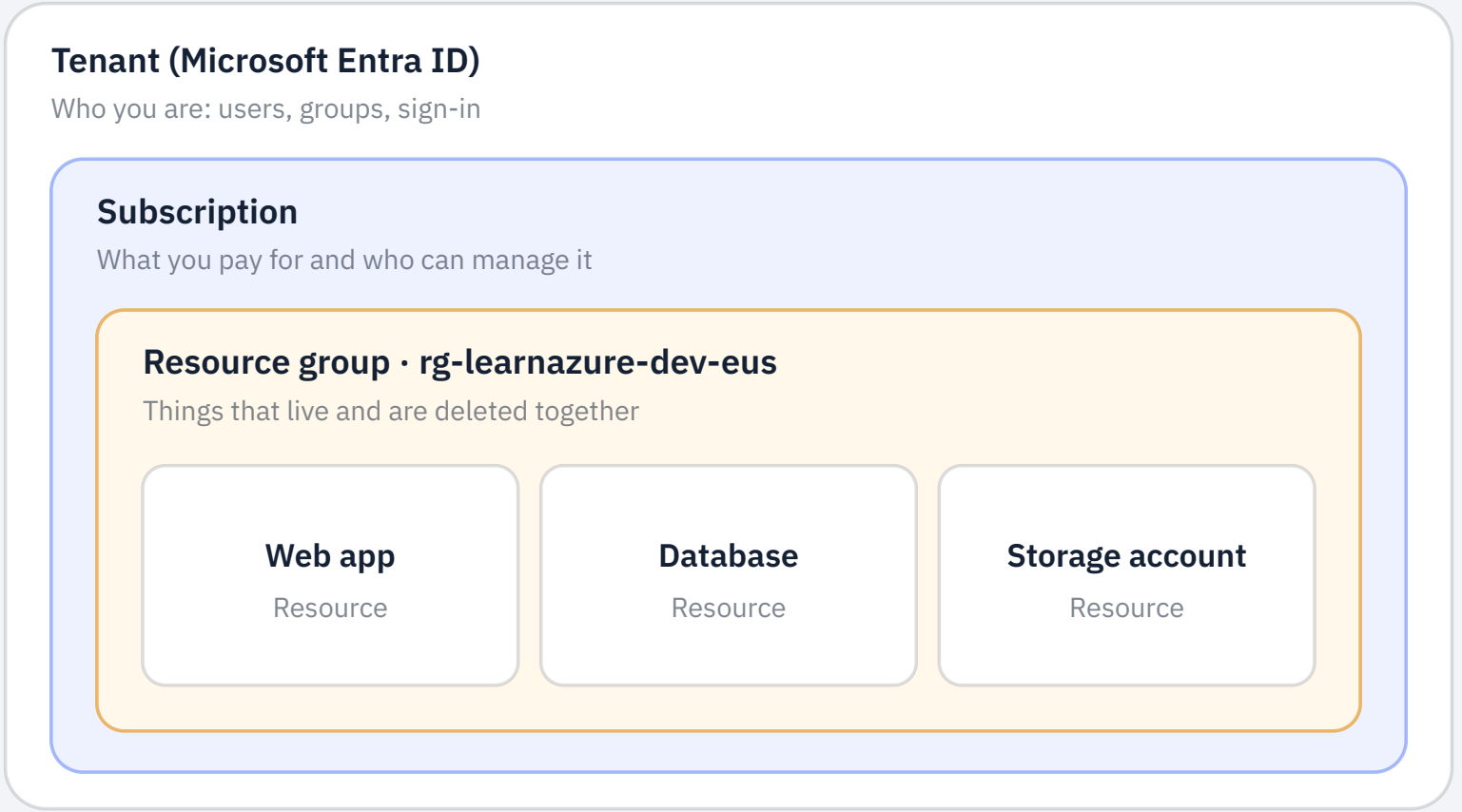
VG Viki Gandhi · vikigandhi.com/blog

By the end of this session

- A free Azure account
- A clear picture of how Azure organises everything
- Your first resource group, named and tagged properly
- A budget alert that emails you before your bill can surprise you

Nothing here costs money. Resource groups and budgets are free.

How Azure is organised



Each box sits inside exactly one box above it.

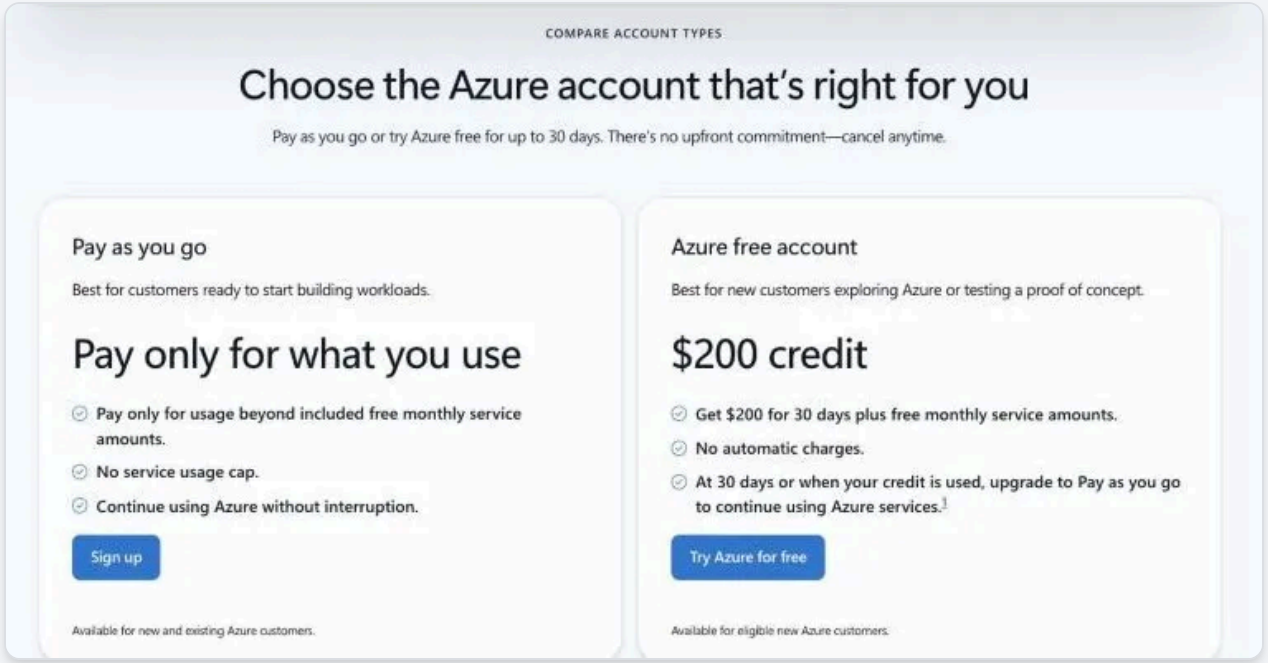
Four boxes, one inside the other

Tenant	Your identity directory: users, groups, sign-ins	*The building*
Subscription	Billing and access boundary	*A floor with its own meter*
Resource group	Things that live and die together	*A room*
Resource	What you actually pay for	*The furniture*

Two rules to remember

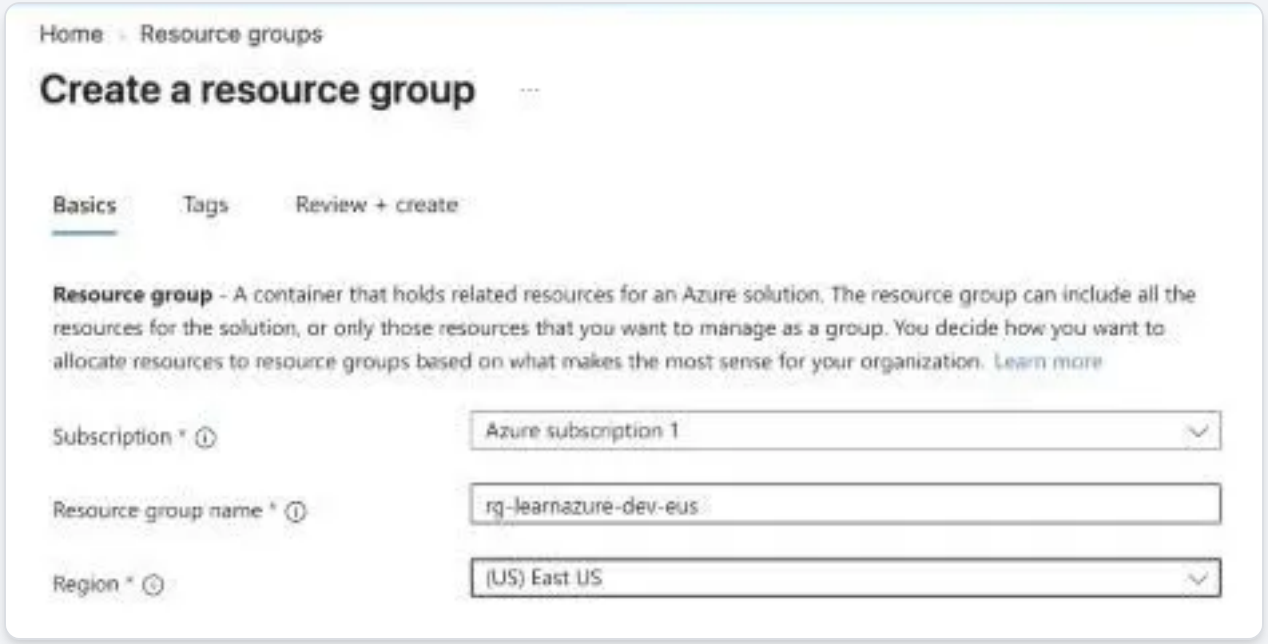
- Every resource belongs to exactly one resource group, and every resource group to one subscription
- Deleting a resource group deletes everything in it, which makes clean-up easy

Free account or pay as you go



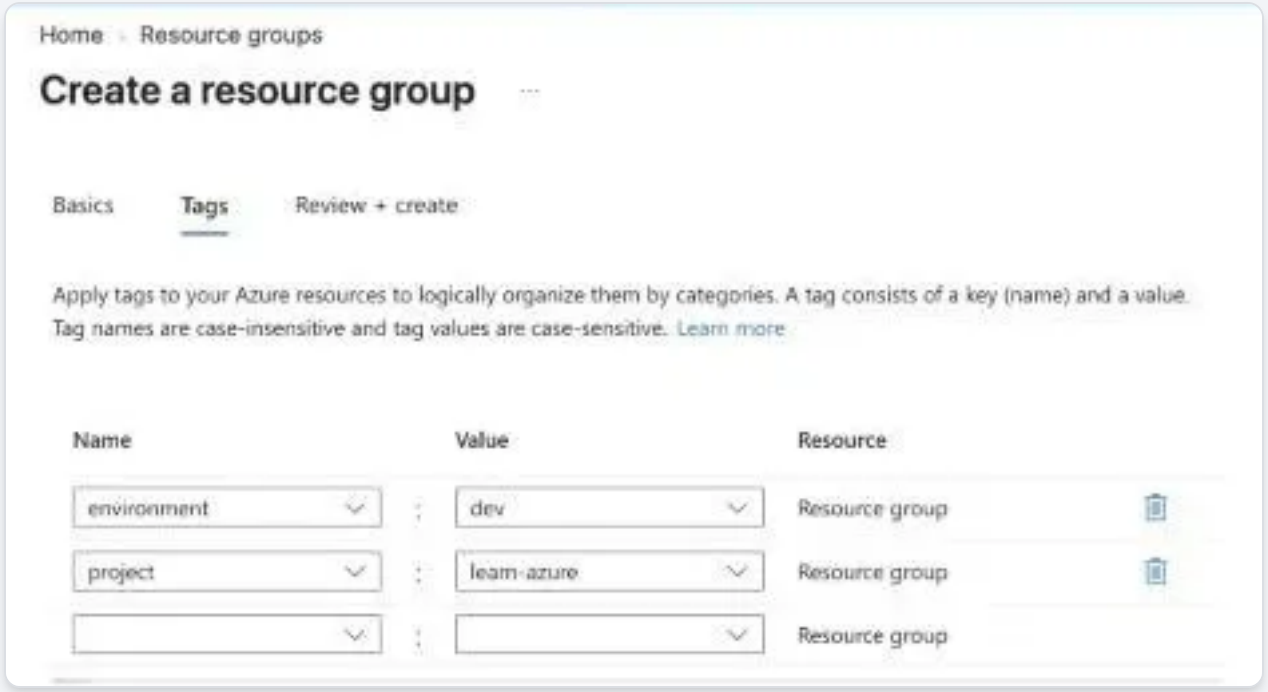
- Free: $200 credit for 30 days plus free monthly amounts
- Needs a Microsoft account, phone and card ($1 temporary hold)
- Nothing is billed until you choose to upgrade

Create your first resource group



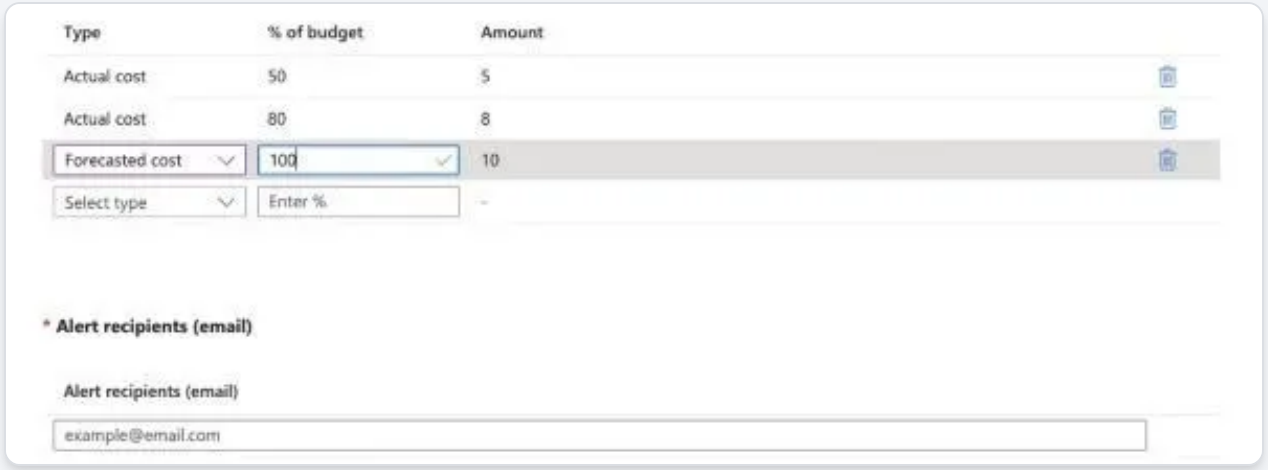
- Name pattern: rg-<workload>-<env>-<region>
- rg-learnazure-dev-eus
- Region stores the group's metadata, not its resources

Tag it from day one



- environment = dev
- project = learn-azure
- Filter and group costs by tag later

Set a budget alert



- $10 a month
- Email at 50% and 80% of actual spend
- Email when the forecast reaches 100%

REMEMBER

A budget does not stop spending

It only sends alerts. Treat the email as a signal to open Cost analysis and delete what you forgot. Cost data can take up to a day to appear.

Quick check

- Delete a resource group with a web app and a database inside. What happens?
- Can a resource group in East US hold a database in West Europe?
- Does a $10 budget stop Azure at $10?
- Which alert warns you earlier: actual 80% or forecast 100%?

Answers are in the post.

UP NEXT

Next: deploy a web app with App Service

Put a real web page on the internet, in the resource group you just created, on the free tier.