

Getting your head in the cloud by getting the cloud in your head

Garo Yeriazarian



Software Whisperer 🗄️ (@garoyeri)

Native Houstonian (Texas, y'all 🧑🏻)

Baker Hughes 🍰

Headspring 🧠

Accenture 💰

People Person 🧐

Professional Imposter 🙄

“Work hard, be kind” ❤️

Starting my cloud journey!

AWS Cloud Architect™ ???



AWS Cloud Architect™ !!!



How did I get there?

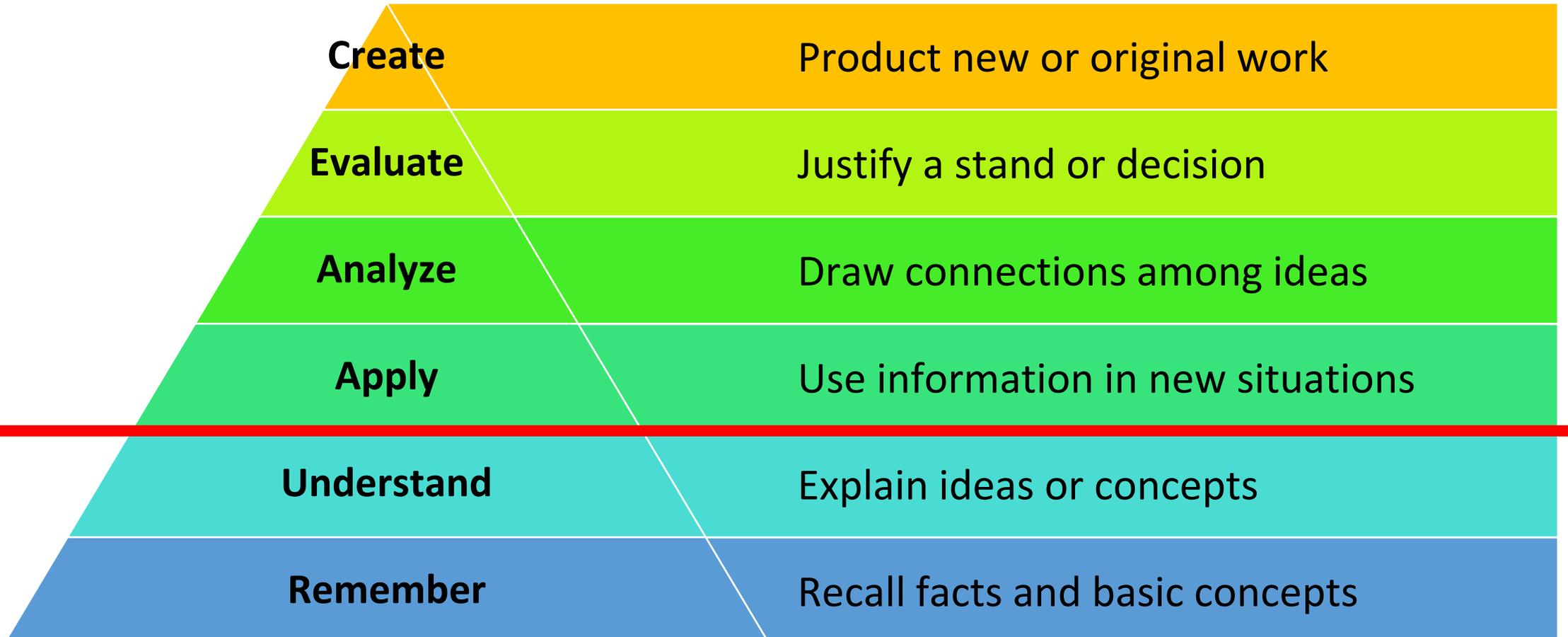
AWS Cloud Architect™ !!!

AWS Firehose™



Bloom's Taxonomy

Framework for learning, teaching, and educational achievement



<https://www.bloomstaxonomy.net/>

Remember

Define. Memorize.
Duplicate. Repeat.
List. State.



Understand

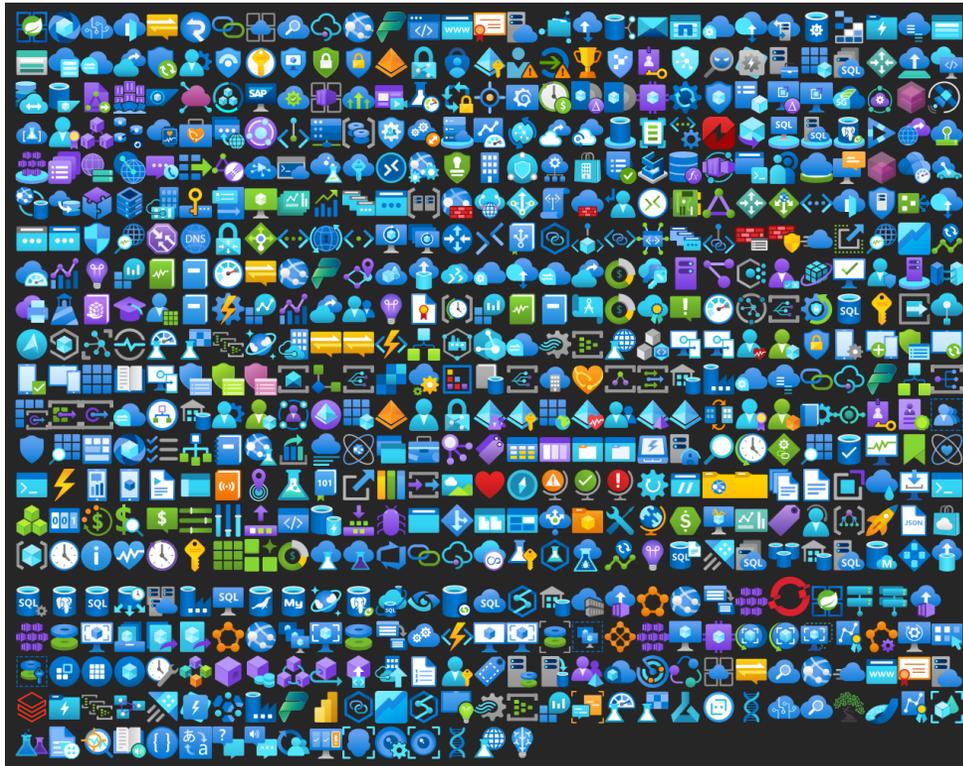
- Classify
- Describe
- Discuss
- Explain
- Identify
- Locate
- Recognize
- Report
- Select
- Translate



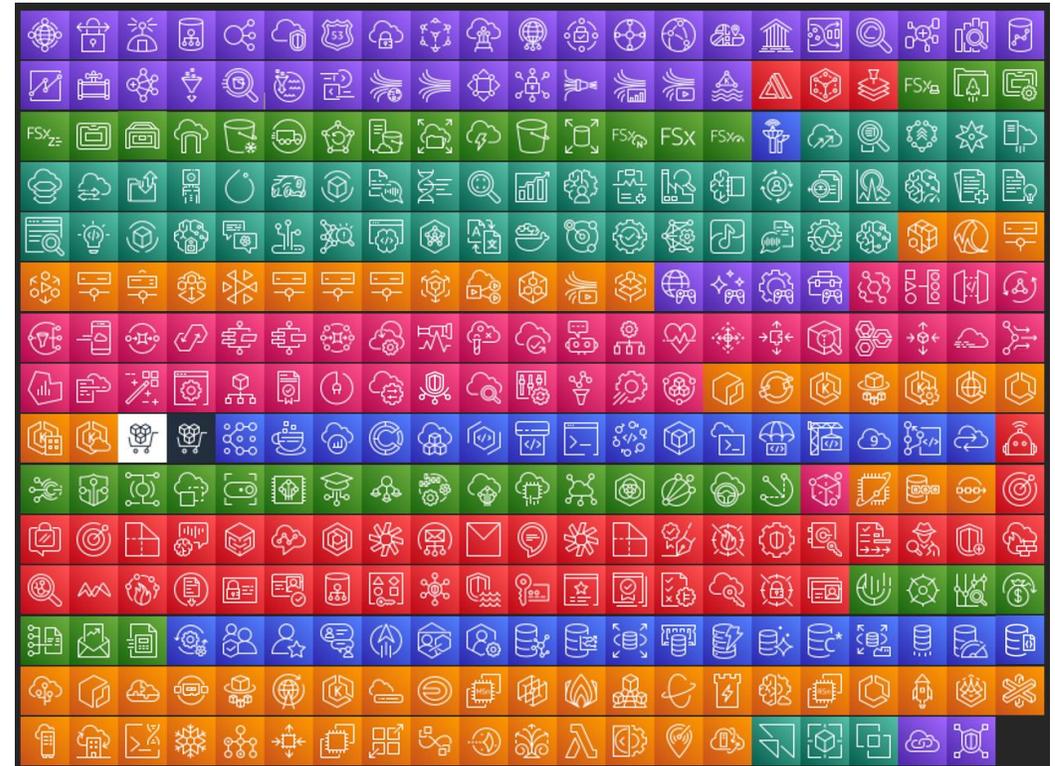
Cloud Landscapes are Complicated

Lots of services to learn, names to remember

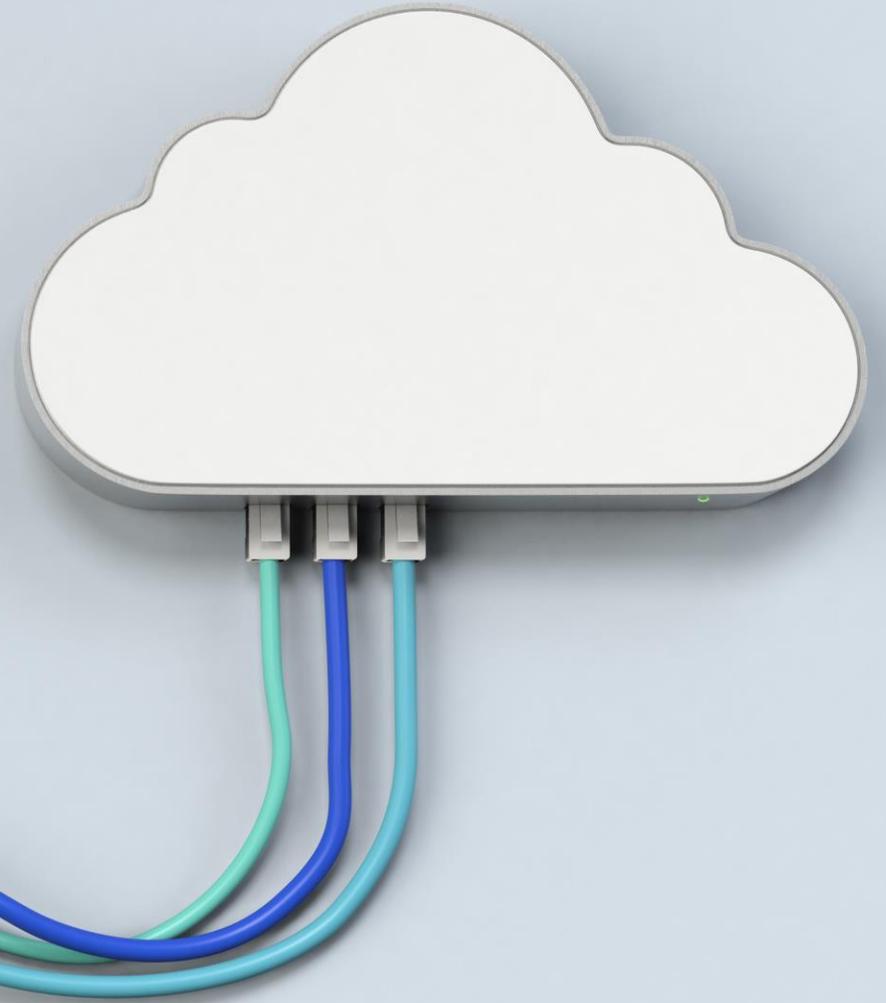
Azure (~600 services)



AWS (~300 services)



There is no cloud:



it's just someone
else's computer.

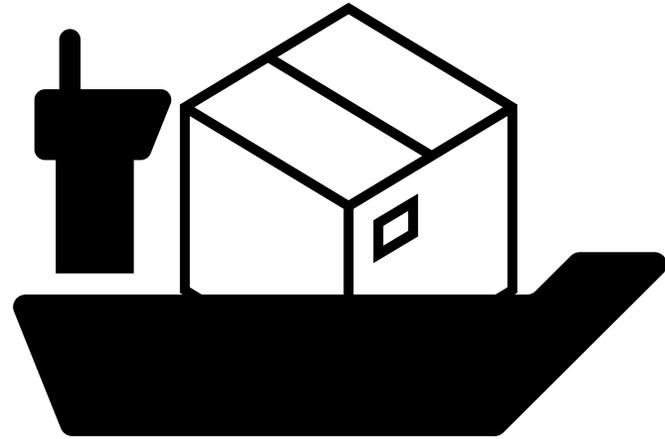
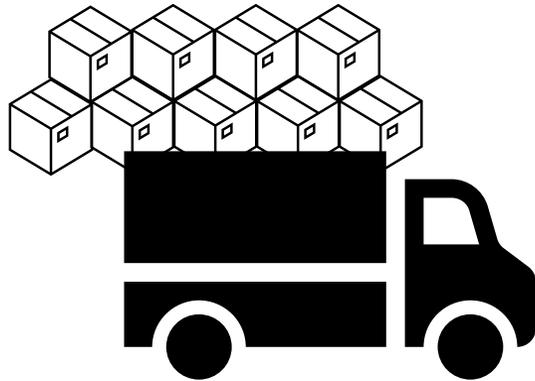
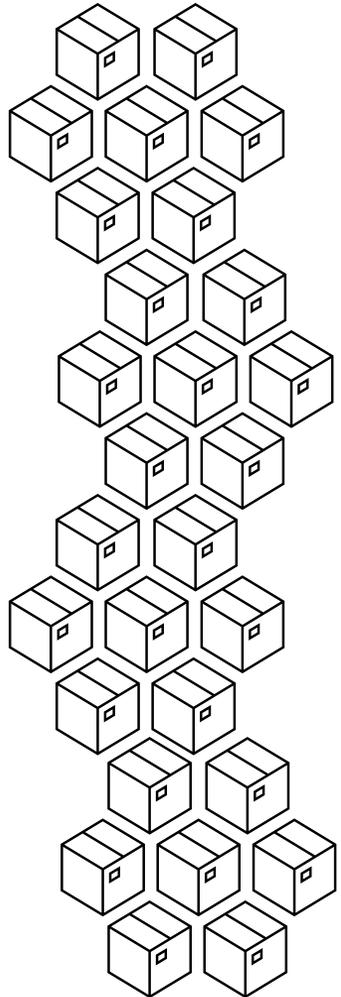
Compute

Storage

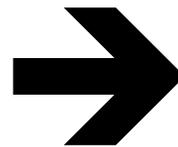
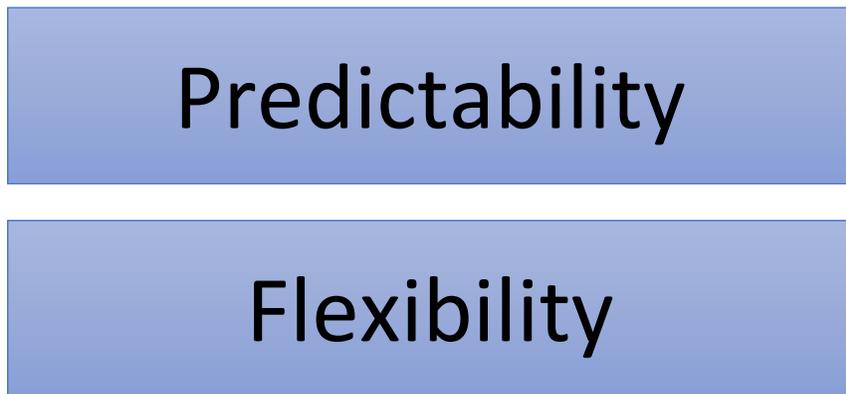
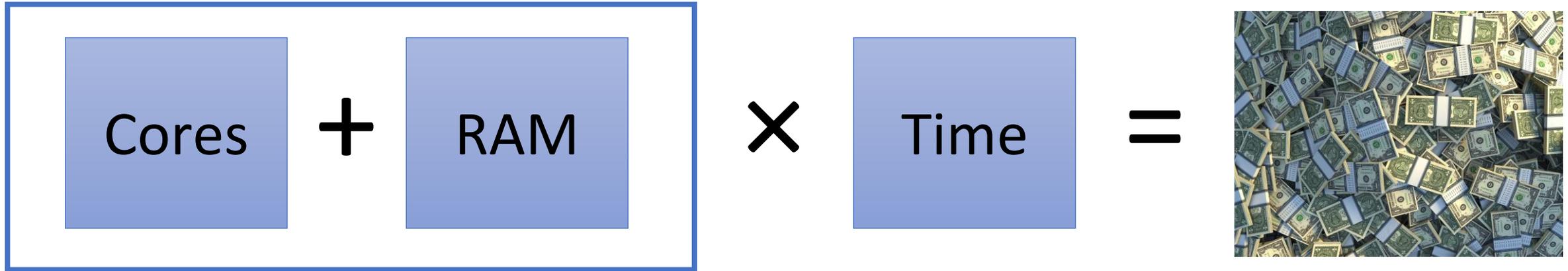
Networking

Permissions

Compute



Compute



Storage

Blocks



Premium SSD ⚡



Standard SSD ⚡



Standard HDD 



Storage

Blobs

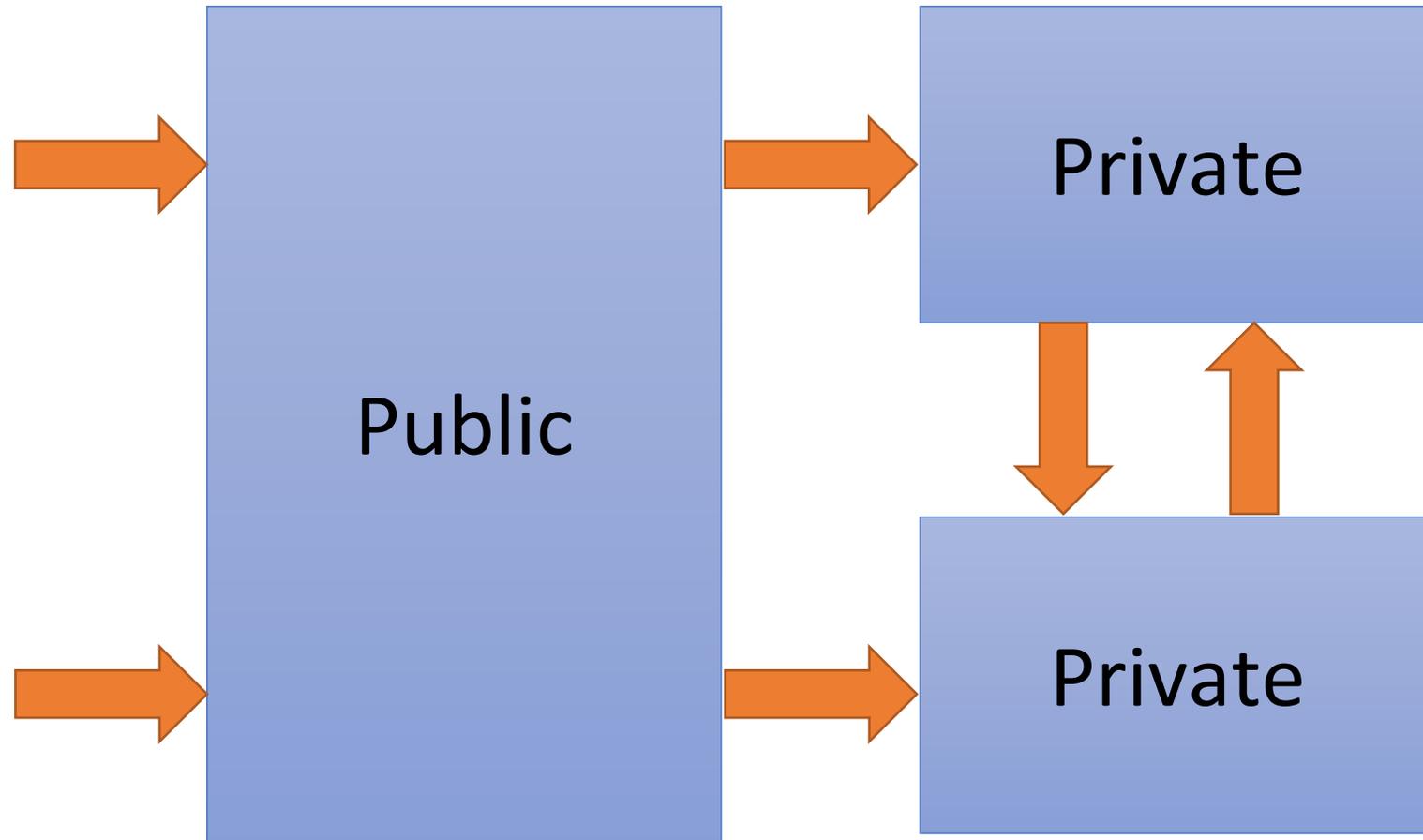


How to Make Tomato Soup with Fresh Tomatoes: <https://www.yummymummykitchen.com/2017/08/how-to-make-tomato-soup-with-fresh-tomatoes.html>

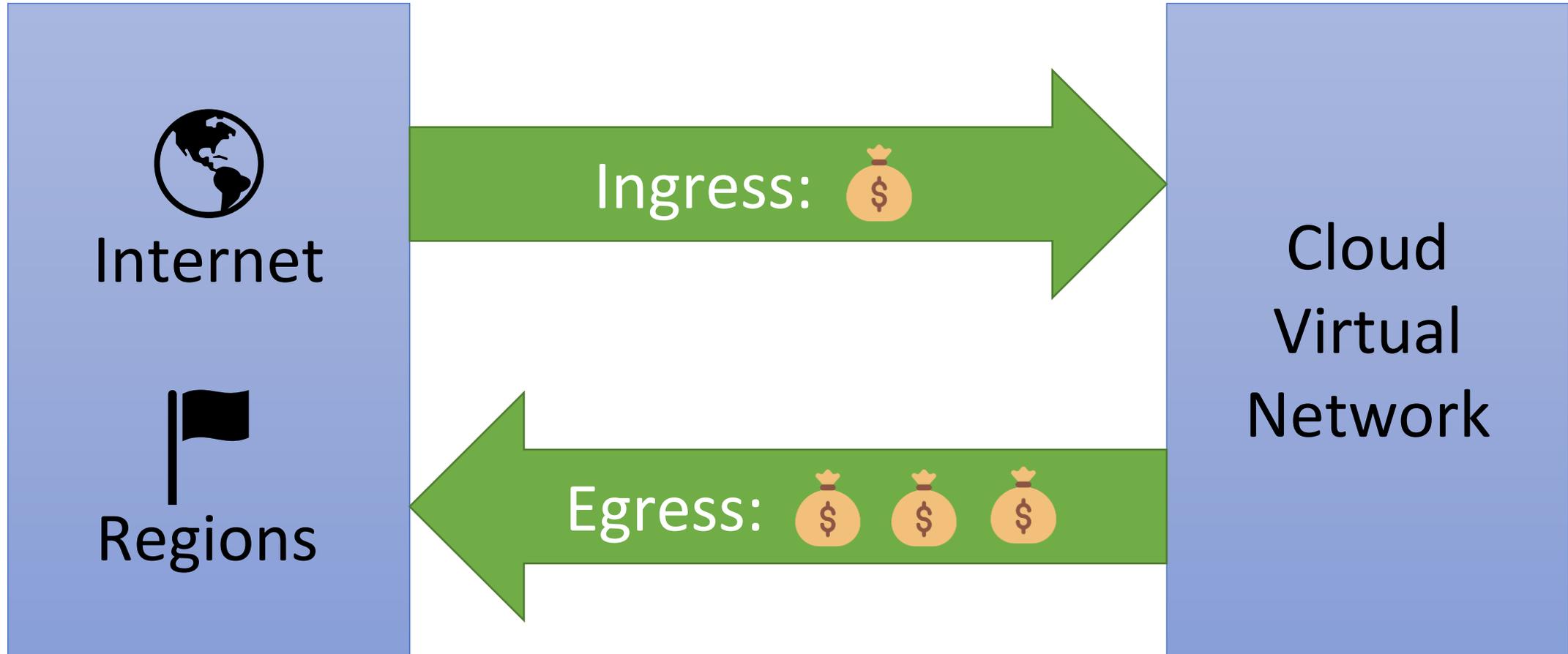
La Madeleine Soup, Tomato Basil, Jar: https://www.instacart.com/landing?product_id=16265762&retailer_id=45®ion_id=10154461670&mrid=309941600

Yoshon Soups, Frozen: <https://yoshon.com/product-category/soups/>

Networking



Networking



Permissions



**Remember: It's all just (mostly)
HTTPS API calls!**

Permissions

Resource Identifiers

AWS

```
arn:partition :service :region :account-id :resource-id  
arn:partition :service :region :account-id :resource-type/resource-id  
arn:partition :service :region :account-id :resource-type:resource-id
```

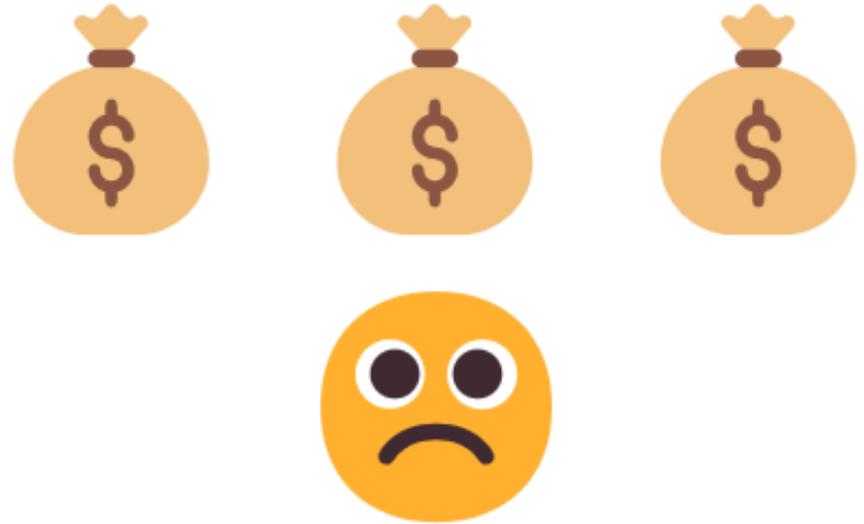
Azure

```
/subscriptions/{sub}/resourceGroups/{rg}/providers/{service}/{id}  
/subscriptions/{sub}/resourceGroups/{rg}/providers/{service}/{id}/subtypes/{id}
```

Google Cloud

```
//api.servicename.com/{collection}/{resource-id}  
//api.servicename.com/{collection}/{resource-id}/{resource-id}  
//api.servicename.com/{collection}/{resource-id}/{collection}/{resource-id}
```

Cloud Economics



Detailed Cloud Spending Analysis

Compute

- Easily estimate
- More options

Networking

- Hard to estimate
- Tricky billing
- Beware of managed NAT Gateways

Storage

- Caring: +10TB
- Data lifecycle: Hot → Cold

Remember

Vocabulary
(Search Terms)

Understand

- Cloud Model
- Pricing Logic
- Translate into your own words



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@garoyeri



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<https://garoyeri.dev>