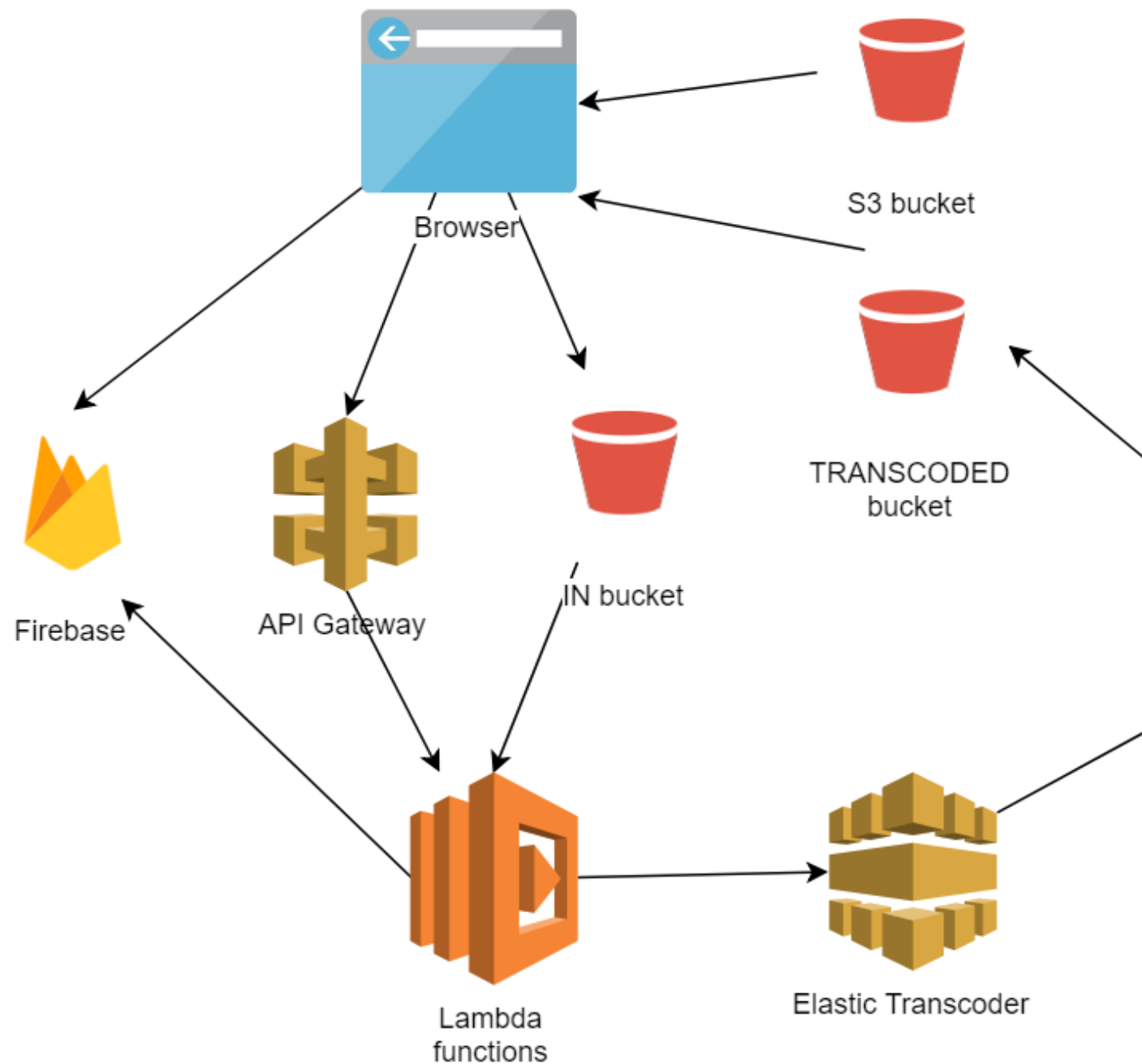


SERVERLESS WORKSHOP

softserve

WHAT



softserve

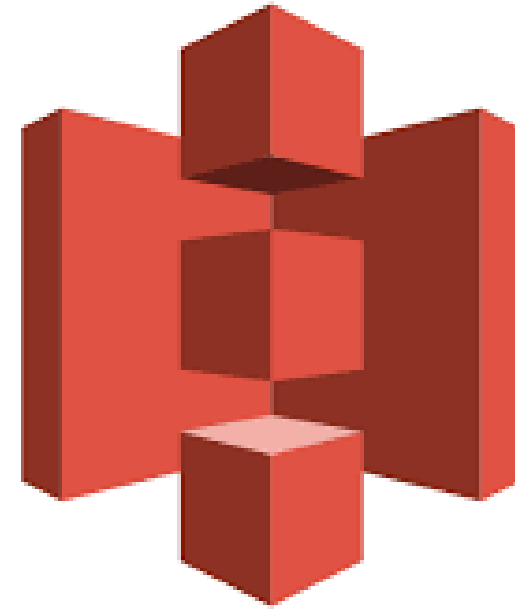
BROWSER

DOESN'T MATTER

soft**serve**

Simple Storage Service – S3

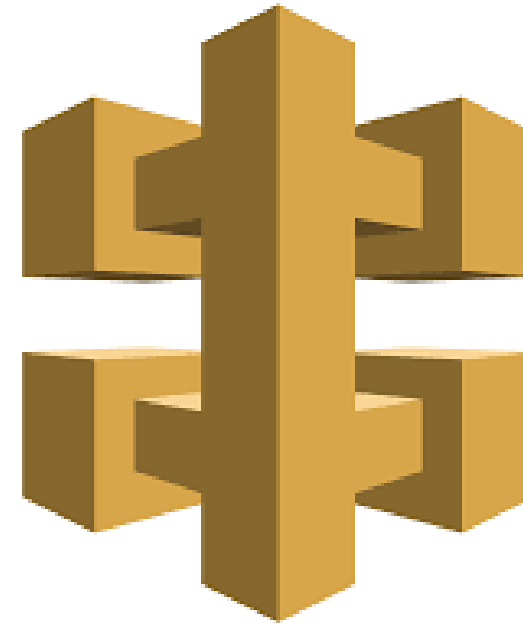
- Object storage
- 99.999999999% durability (11 nines)
- Replication
- Query in place
- Wide support by vendors
- Storage policies
- Compliant: PCI-DSS, HIPAA/HITECH, FedRAMP, EU Data Protection Directive, and FISMA



softserve

API GATEWAY

- Fully managed
- Lifecycle management
- Throttling
- Monitoring



softserve

Lambda

- Serverless compute service
- Built-in fault tolerance
- Automatic scaling
- Pay per use
- Flexible resource model



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Elastic Transcoder

- Media transcoding in cloud:
 - Video: change formats, resolution, bitrates, framerates
 - Thumbnails
 - Watermarks
 - Captions
- Elastically scalable
- Managed



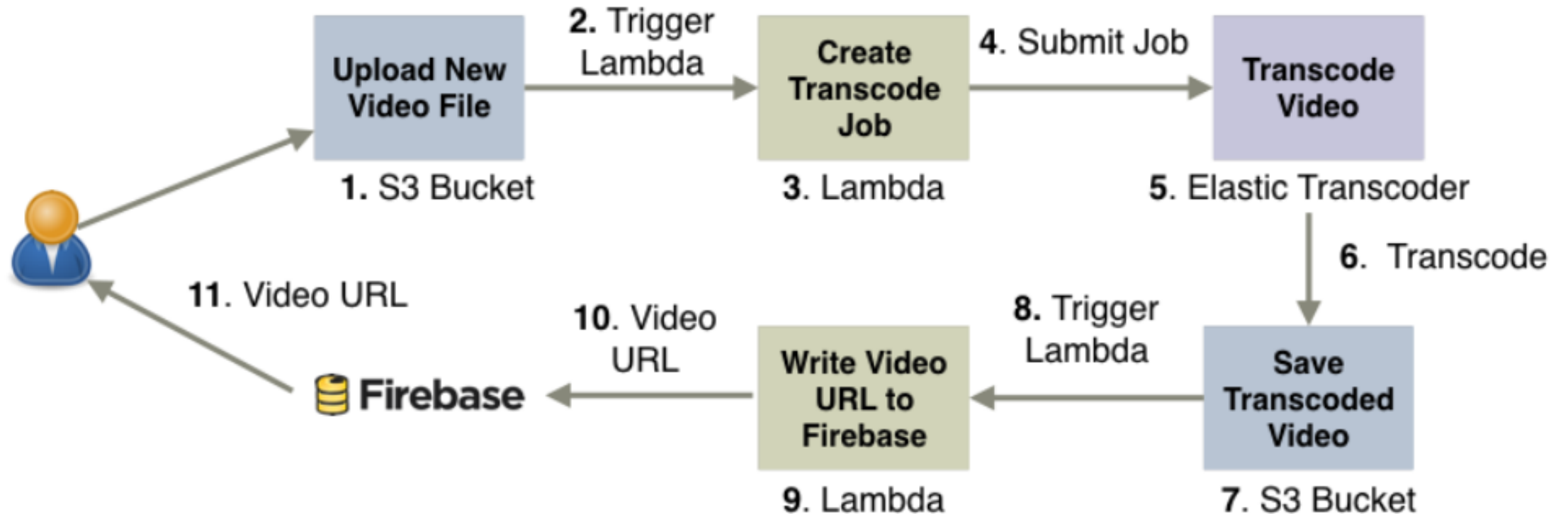
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Firebase

- Backed by Google
- Real-time database
- Authentication
- Managed
- Simple configuration
- SDK for Android, iOS, JavaScript, NodeJS, C++, Java, Go, Python, Unity



WORKFLOW



softserve

WHAT WE NEED

- terminal/console
- Git client
- Dotnet CLI
- AWS CLI
- AWS Account (Free tier is enough)



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SOURCES

<https://github.com/mvas/serverless-workshop>

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EAT!

soft**serve**