**Smart Capex Web Application**

In cloud run we have two services :

backend: webapp2024

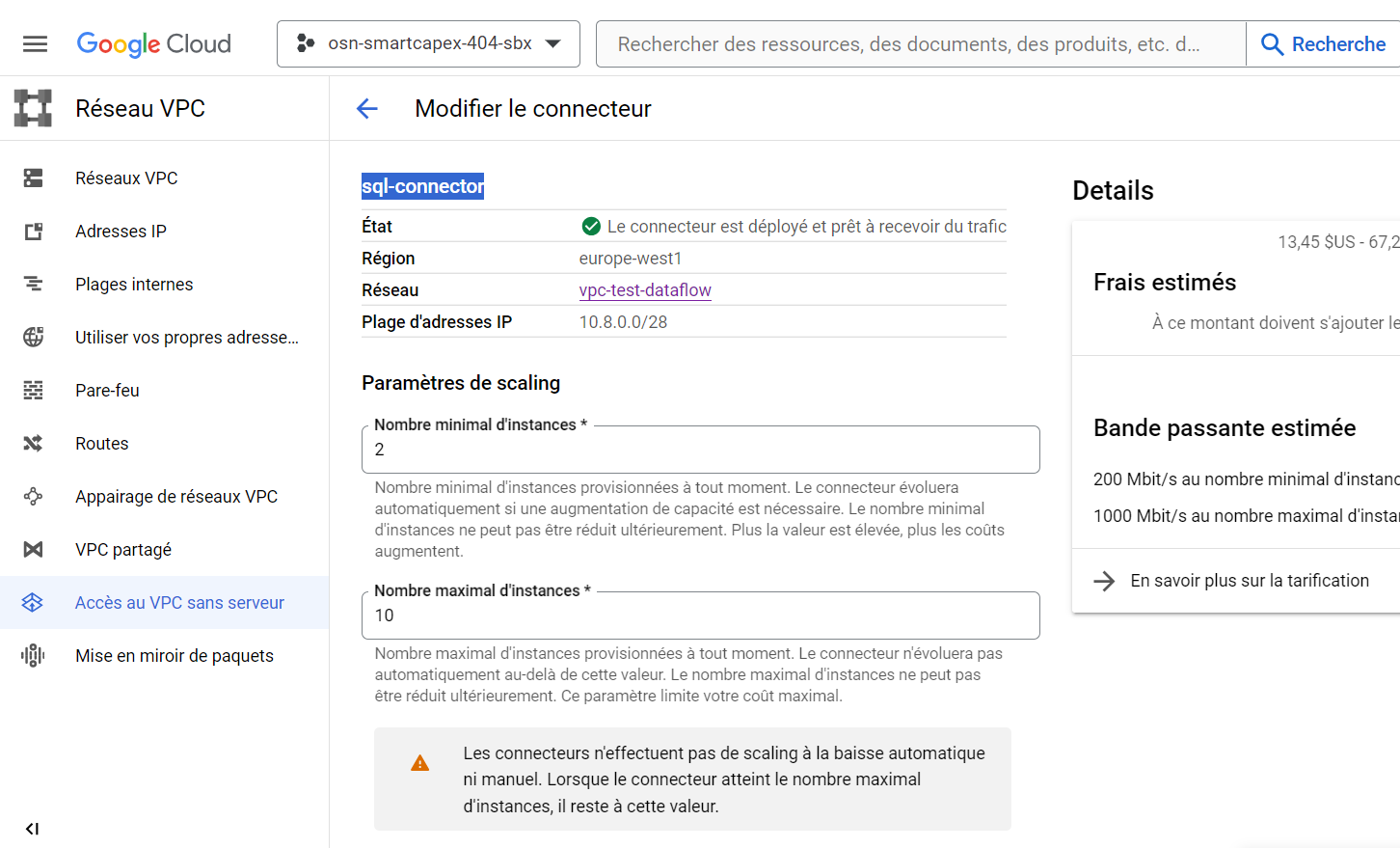
Région : europe-west1URL : https://webapp2024-foytpt7wyq-ew.a.run.app

Frontend: angular-app

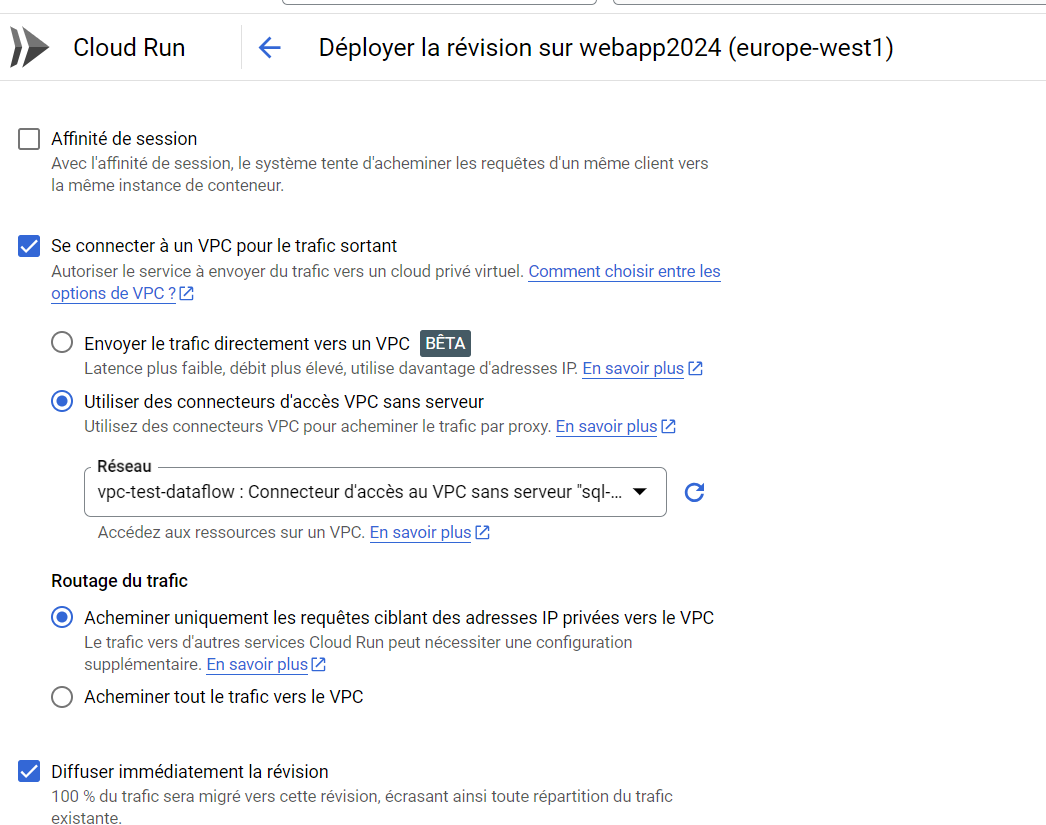
Région : europe-west1URL : https://angular-app-foytpt7wyq-ew.a.run.app

Serverless VPC Access makes it possible for you to connect directly to your VPC network from serverless environments such as Cloud Run.

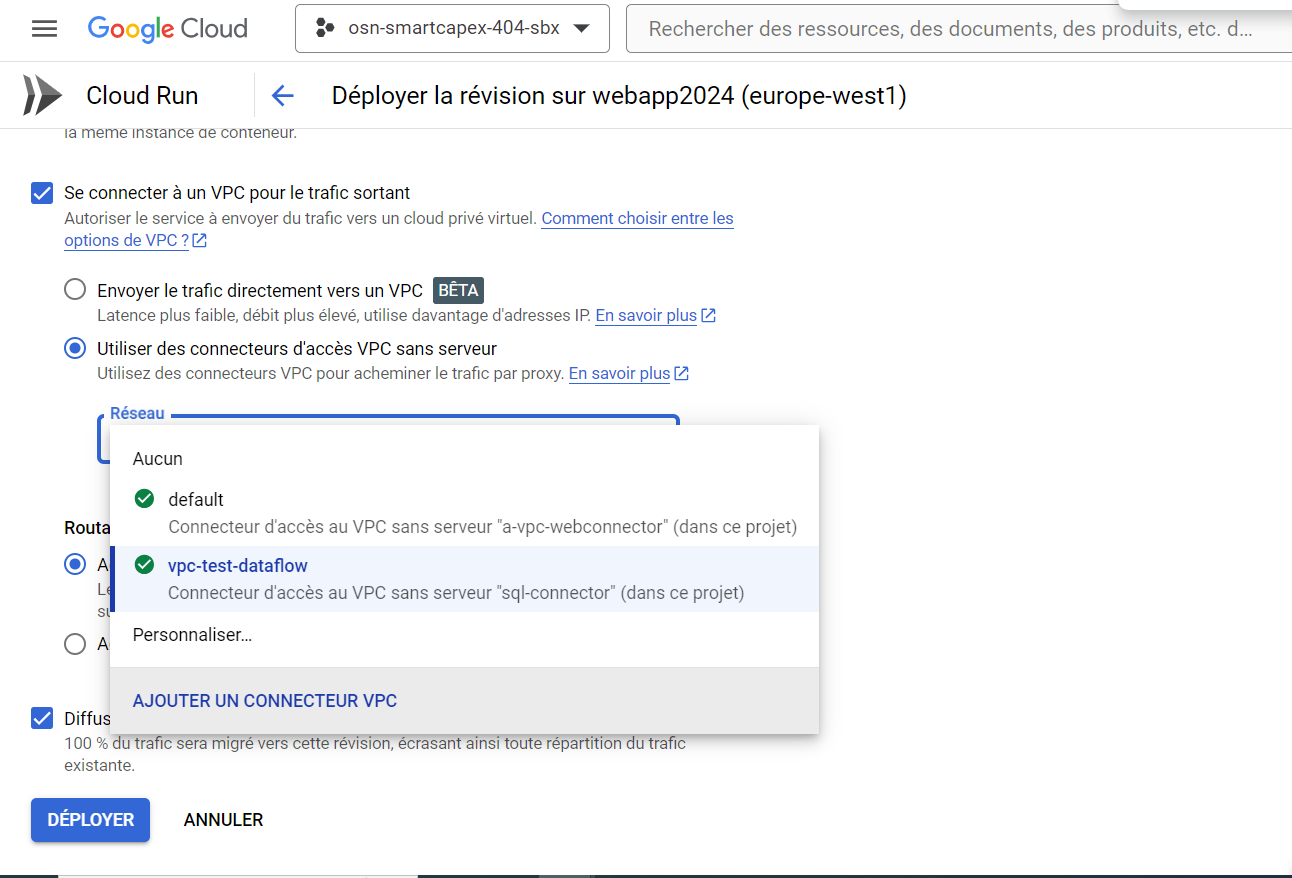
**Youtube Video Link** : https://www.youtube.com/watch?v=MeynQIt3TD8

We should create one as follows

In cloud Run config, we add the Serverless VPC Access in the network section as follows :



We specify : « SQL connector » already created as serverless VPC access :



Cloud Identity Aware Proxy :

Code location : jhajlaoui@POR-06729 MINGW64 /c/Workspaces/ipa-oro

Terraform creation command:

$ terraform apply -var project\_id=osn-smartcapex-404-sbx -var domain=smartcapex.orange-sonatel.com -var lb\_name=lbsmartcapexwebapp -var iap\_client\_id=989544951348-j5kpikh75qtqk2v5824toogkbl5ip7av.apps.googleusercontent.com -var iap\_client\_secret=GOCSPX-yZ0woRbTPDaqfC3G\_jX7w3ynQbFP

Terraform output

**google\_cloud\_run\_service.default: Modifying... [id=locations/europe-west1/namespaces/osn-smartcapex-404-sbx/services/angular-app-vtf]**

**google\_cloud\_run\_service.default: Modifications complete after 1s [id=locations/europe-west1/namespaces/osn-smartcapex-404-sbx/services/angular-app-vtf]**

**google\_compute\_region\_network\_endpoint\_group.serverless\_neg: Creating...**

**google\_compute\_region\_network\_endpoint\_group.serverless\_neg: Still creating... [10s elapsed]**

**google\_compute\_region\_network\_endpoint\_group.serverless\_neg: Creation complete after 11s [id=projects/osn-smartcapex-404-sbx/regions/europe-west1/networkEndpointGroups/serverless-neg1]**

**module.lb-http.google\_compute\_backend\_service.default["default"]: Modifying... [id=projects/osn-smartcapex-404-sbx/global/backendServices/lbsmartcapexwebapp-backend-default]**

**module.lb-http.google\_compute\_backend\_service.default["default"]: Still modifying... [id=projects/osn-smartcapex-404-sbx/global/...ces/lbsmartcapexwebapp-backend-default, 10s elapsed]**

**module.lb-http.google\_compute\_backend\_service.default["default"]: Still modifying... [id=projects/osn-smartcapex-404-sbx/global/...ces/lbsmartcapexwebapp-backend-default, 20s elapsed]**

**module.lb-http.google\_compute\_backend\_service.default["default"]: Modifications complete after 24s [id=projects/osn-smartcapex-404-sbx/global/backendServices/lbsmartcapexwebapp-backend-default]**

**google\_compute\_region\_network\_endpoint\_group.serverless\_neg (deposed object 92c3bfc1): Destroying... [id=projects/osn-smartcapex-404-sbx/regions/europe-west1/networkEndpointGroups/serverless-neg]**

**google\_compute\_region\_network\_endpoint\_group.serverless\_neg: Still destroying... [id=projects/osn-smartcapex-404-sbx/regions...1/networkEndpointGroups/serverless-neg, 10s elapsed]**

**google\_compute\_region\_network\_endpoint\_group.serverless\_neg: Destruction complete after 11s**

**google\_cloud\_run\_service.default (deposed object 020e662c): Destroying... [id=locations/europe-west1/namespaces/osn-smartcapex-404-sbx/services/angular-app-tf]**

**google\_cloud\_run\_service.default (deposed object 23644dd4): Destroying... [id=locations/europe-west1/namespaces/osn-smartcapex-404-sbx/services/example]**

**google\_cloud\_run\_service.default: Destruction complete after 0s**

Apply complete! Resources: 1 added, 2 changed, 2 destroyed.

Outputs:

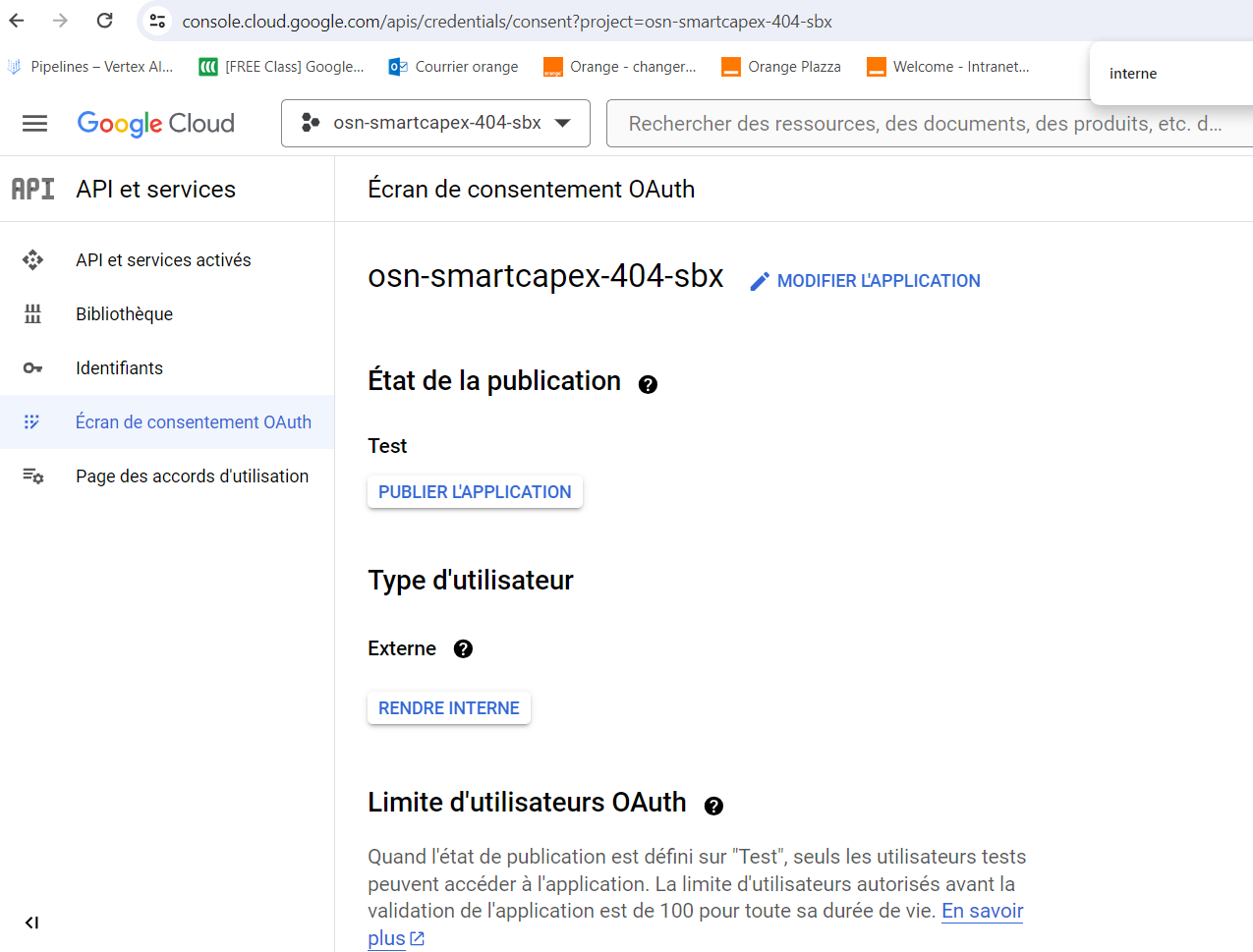
load-balancer-ip = "34.128.183.73"

oauth2-redirect-uri = "https://iap.googleapis.com/v1/oauth/clientIds/989544951348-j5kpikh75qtqk2v5824toogkbl5ip7av.apps.googleusercontent.com:handleRedirect"

We access to the Application via : smartcapex.orange-sonatel.com domain name

1. We need to open Oath consent screen https://console.cloud.google.com/apis/credentials/consent?project=osn-smartcapex-404-sbx
2. Ensure Application type is set to "public" and not internal.

StackOverflow Link : https://stackoverflow.com/questions/54629180/cant-login-using-google-auth-403-org-internal



links :

[Cloud OnAir: The power of Serverless: Get more done easily - Building Internal Serverless Enterprise (youtube.com)](https://www.youtube.com/watch?v=68LmhtvSNZY)

[17/01 16:18] MEZGHANI Emna INNOV/DATAAI

https://plazza.orange.com/docs/DOC-2204375

Sign in | Plazza

[17/01 16:23] MEZGHANI Emna INNOV/DATAAI

https://medium.com/google-cloud/cloud-iap-on-cloud-run-2b97ee9cd47a

Cloud IAP on Cloud Run

Hello there! I hope you’re doing well. In this article, I’m going to teach you how to secure access to your application using Cloud IAP on…