

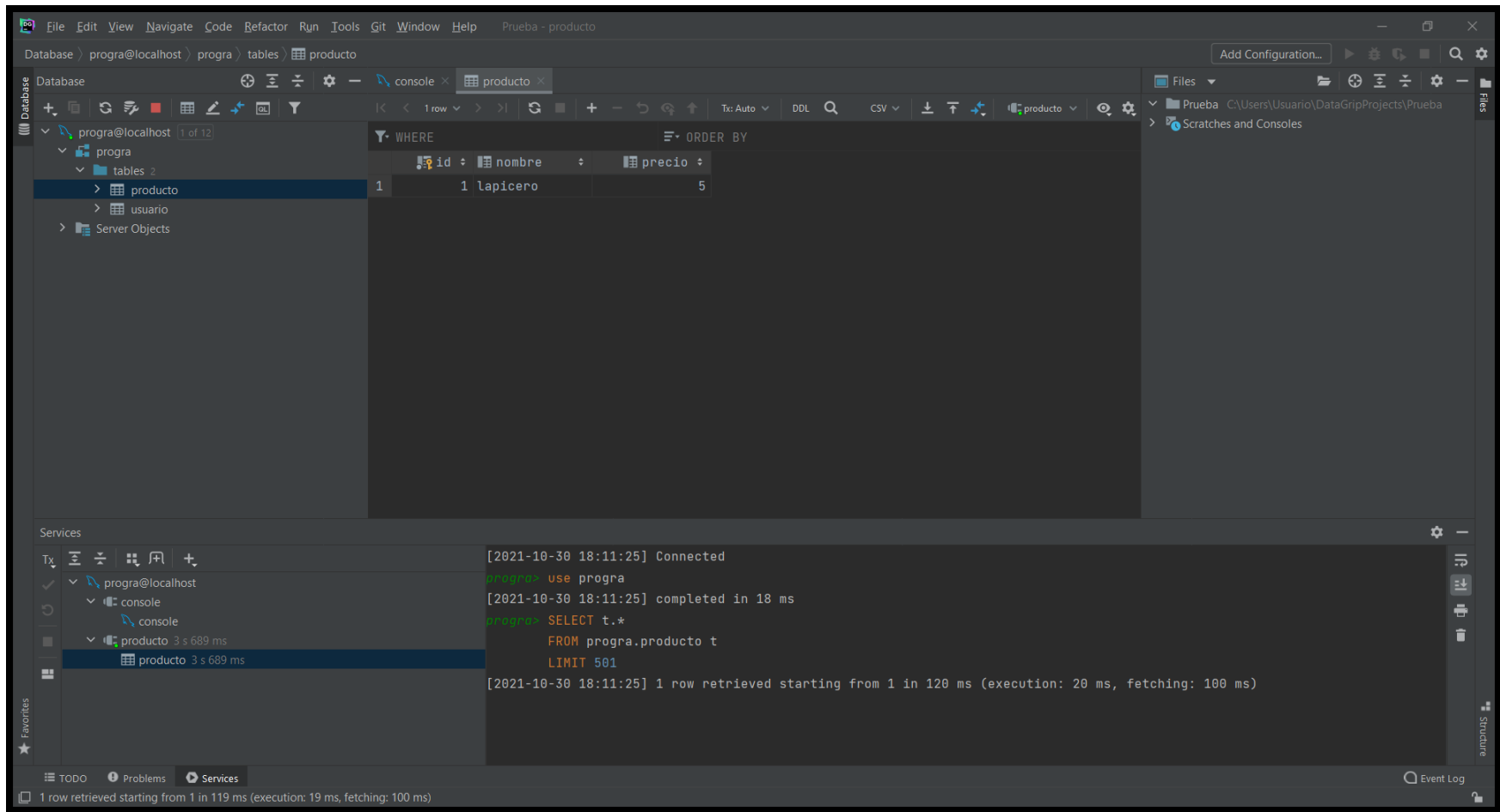
Universidad Mariano Gálvez

Análisis de sistemas 2

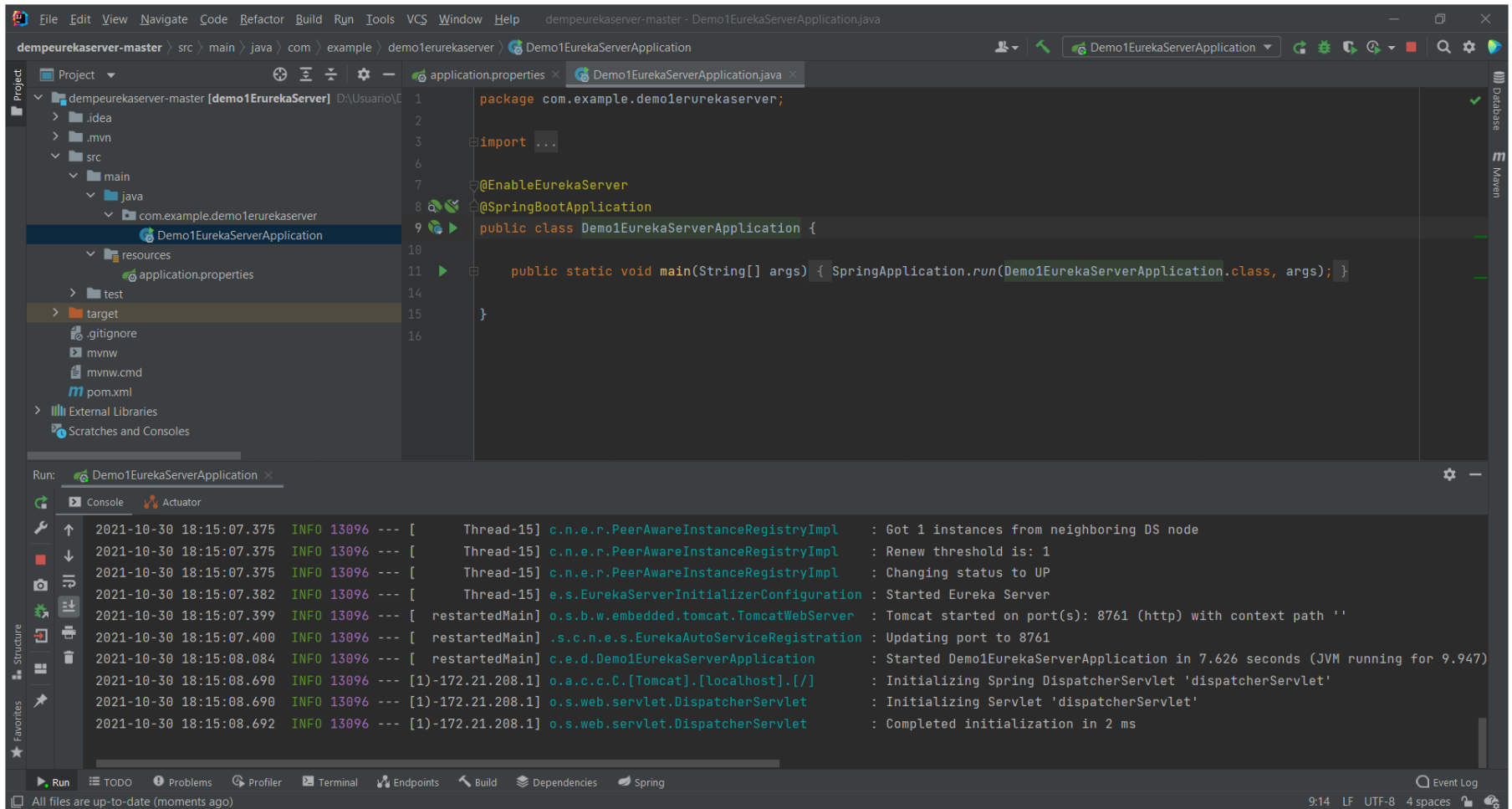
Proyecto Final

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30-10-2021



La creación de la base de datos por medio de datagrip.



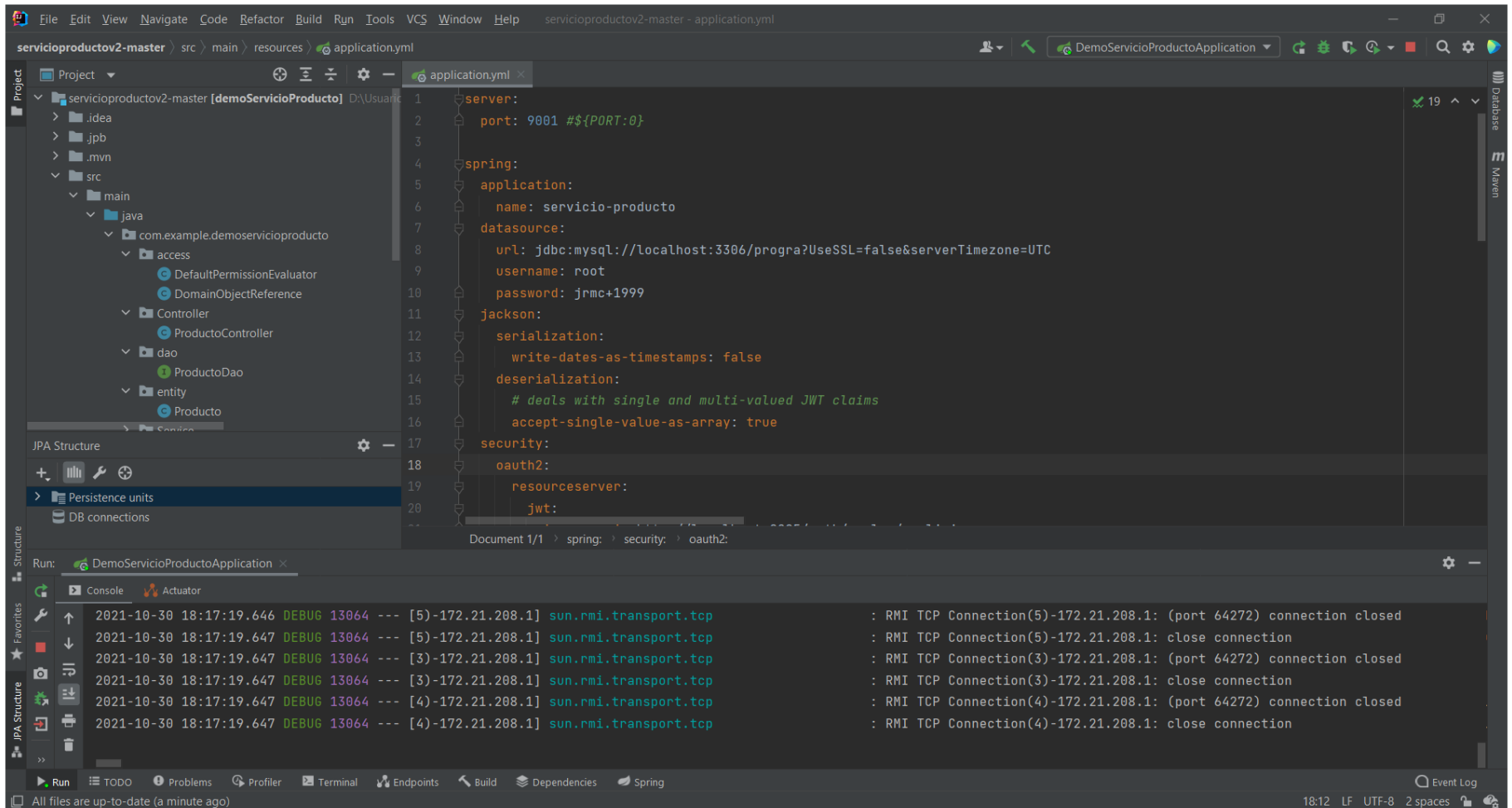
Levantado del servidor de eureka

```
Símbolo del sistema - PowerShell

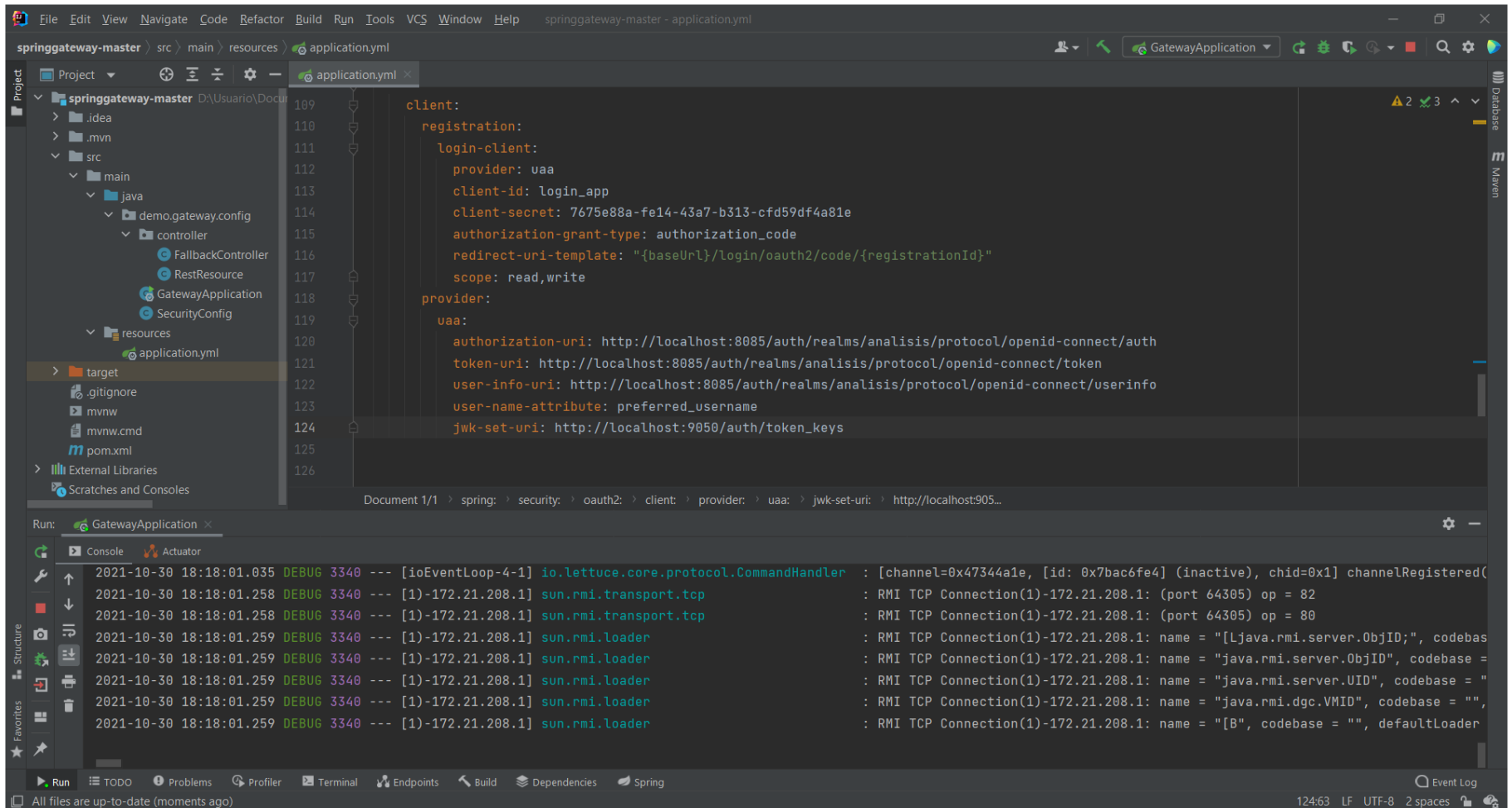
Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS D:\> cd /Usuario/Documents/apps
PS D:\Usuario\Documents\apps> docker compose -f keycloak-postgres.yml up
[+] Running 3/3
 - Network apps_default      Created                                0.8s
 - Container apps-postgres-1 Created                                0.3s
 - Container apps-keycloak-1 Created                                0.2s
Attaching to apps-keycloak-1, apps-postgres-1
apps-postgres-1 |
apps-postgres-1 | PostgreSQL Database directory appears to contain a database; Skipping initialization
apps-postgres-1 |
apps-postgres-1 | 2021-10-31 00:15:57.127 UTC [1] LOG:  starting PostgreSQL 14.0 (Debian 14.0-1.pgdg110+1) on x86_64-pc
-lin
-lin
-lin
apps-postgres-1 | 2021-10-31 00:15:57.127 UTC [1] LOG:  listening on IPv4 address "0.0.0.0", port 5432
apps-postgres-1 | 2021-10-31 00:15:57.127 UTC [1] LOG:  listening on IPv6 address "::", port 5432
apps-postgres-1 | 2021-10-31 00:15:57.135 UTC [1] LOG:  listening on Unix socket "/var/run/postgresql/.s.PGSQL.5432"
apps-postgres-1 | 2021-10-31 00:15:57.145 UTC [27] LOG:  database system was shut down at 2021-10-30 23:46:04 UTC
apps-postgres-1 | 2021-10-31 00:15:57.152 UTC [1] LOG:  database system is ready to accept connections
apps-keycloak-1 | Added 'admin' to '/opt/jboss/keycloak/standalone/configuration/keycloak-add-user.json', restart serve
r to load user
apps-keycloak-1 | -b 0.0.0.0
apps-keycloak-1 | =====
apps-keycloak-1 |
apps-keycloak-1 |      Using PostgreSQL database
apps-keycloak-1 |
apps-keycloak-1 | =====
apps-keycloak-1 |
```

Levantado de los dockers de keycloak y postgres



Levantado del micro servicio Producto



Levantado del Gateway con cada uno de los endpoints asignados

Eureka

localhost:8761

HOME LAST 1000 SINCE STARTUP

### System Status

Environment	N/A	Current time	2021-10-30T18:18:38 -0600
Data center	N/A	Uptime	00:03
		Lease expiration enabled	false
		Renews threshold	5
		Renews (last min)	4

### DS Replicas

localhost

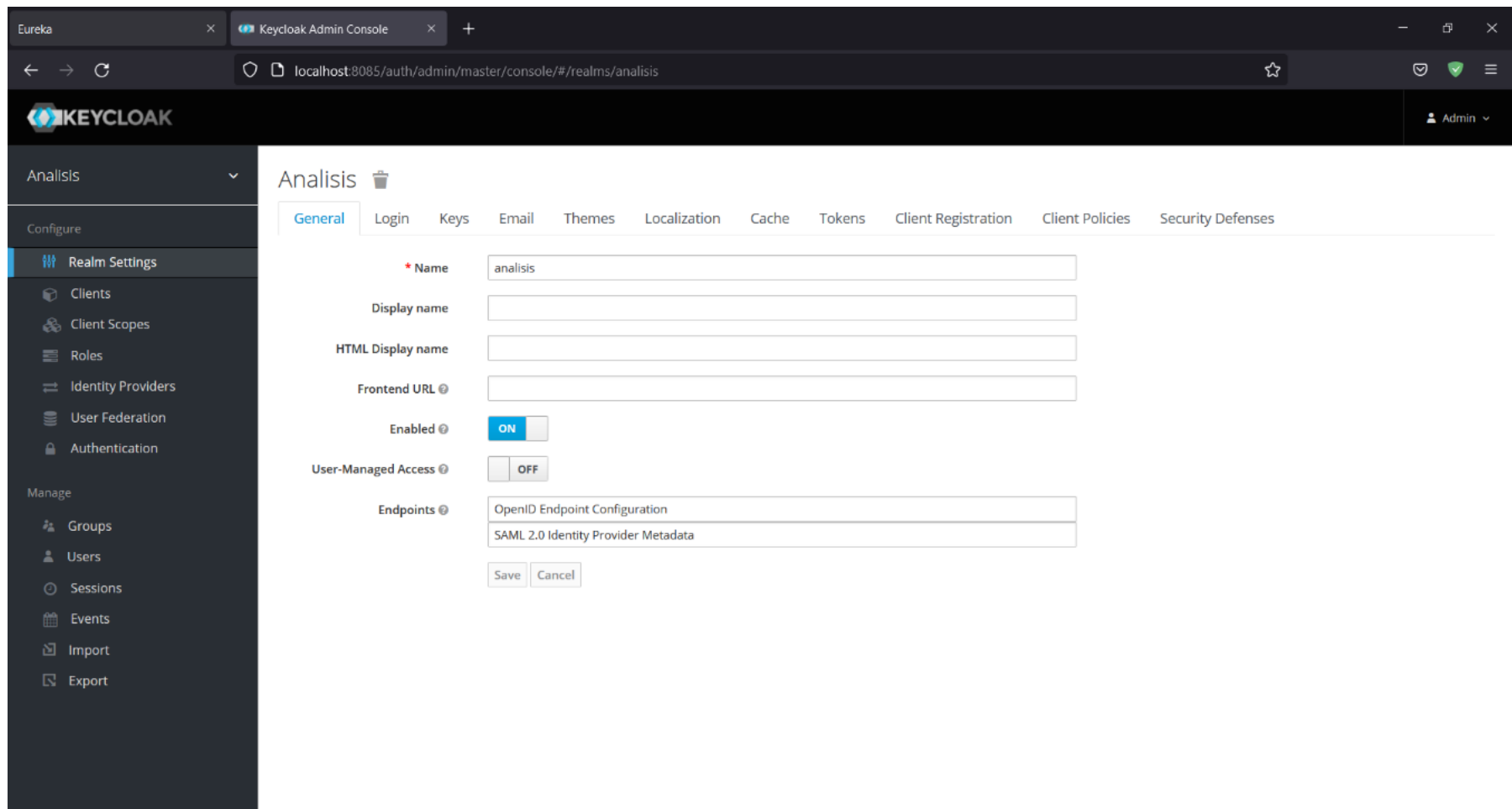
### Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
API-GATEWAY	n/a (1)	(1)	UP (1) - host.docker.internal:api-gateway:8887
SERVICIO-PRODUCTO	n/a (1)	(1)	UP (1) - host.docker.internal:servicio-producto:9001

### General Info

Name	Value
total-avail-memory	179mb

Funcionamiento del servidor de eureka con los servicios registrados



Funcionamiento de la securizacion por medio de kaycloak



```
{
  "issuer": "http://localhost:8085/auth/realms/analisis",
  "authorization_endpoint": "http://localhost:8085/auth/realms/analisis/protocol/openid-connect/auth",
  "token_endpoint": "http://localhost:8085/auth/realms/analisis/protocol/openid-connect/token",
  "introspection_endpoint": "http://localhost:8085/auth/realms/analisis/protocol/openid-connect/token/introspect",
  "userinfo_endpoint": "http://localhost:8085/auth/realms/analisis/protocol/openid-connect/userinfo",
  "end_session_endpoint": "http://localhost:8085/auth/realms/analisis/protocol/openid-connect/Logout",
  "jwks_uri": "http://localhost:8085/auth/realms/analisis/protocol/openid-connect/certs",
  "check_session_iframe": "http://localhost:8085/auth/realms/analisis/protocol/openid-connect/Login-status-iframe.html",
  "grant_types_supported": [
    "authorization_code",
    "implicit",
    "refresh_token",
    "password",
    "client_credentials",
    "urn:ietf:params:oauth:grant-type:device_code",
    "urn:openid:params:grant-type:ciba"
  ],
  "response_types_supported": [
    "code",
    "none",
    "id_token",
    "token",
    "id_token token",
    "code id_token",
    "code token",
    "code id_token token"
  ],
  "subject_types_supported": [
    "public",
    "pairwise"
  ],
  "id_token_signing_alg_values_supported": [
    "PS384",
    "ES384",
    "RS384",
    "HS256",
    "HS512",
    "-----"
  ]
}
```

Endpoints por la herramienta de keycloak