

Region

VPC (vpc-c5ea9bb8)

subnet_a (172.16.50.0/24)

subnet_b (172.16.60.0/24)

cadastro-tg

API Cadastro (172.16.50.101)

API Cadastro (172.16.60.101)

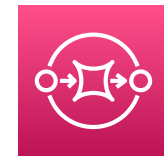
cupom-tg

API Cupom (172.16.50.102)

API Cupom (172.16.60.102)

Gestao (172.16.50.103)

MySQL (172.16.60.4)



Cadastro de usuário

POST: /api/publico/v1/usuario

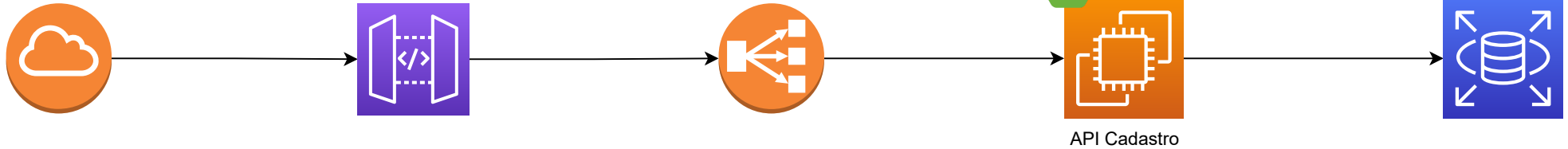
STATUS: 201

UsuarioRequest

```
{  
  "nome" : "Solzanir",  
  "email" : "solzanirs@ciandt.com"  
}
```

UsuarioResponse

```
{  
  "id" : 1,  
  "nome" : "Solzanir",  
  "email" : "solzanirs@ciandt.com"  
}
```



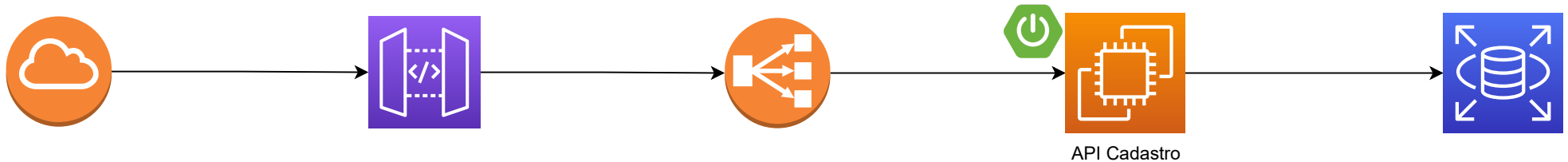
Consulta de usuário

GET: /api/publico/v1/usuario/{id}

STATUS: 200

UsuarioResponse

```
{  
  "id" : 1,  
  "nome" : "Solzanir",  
  "email" : "solzanirs@ciandt.com"  
  "pontos" : 1600  
}
```



Cadastro de cupom

POST: /api/publico/v1/usuario

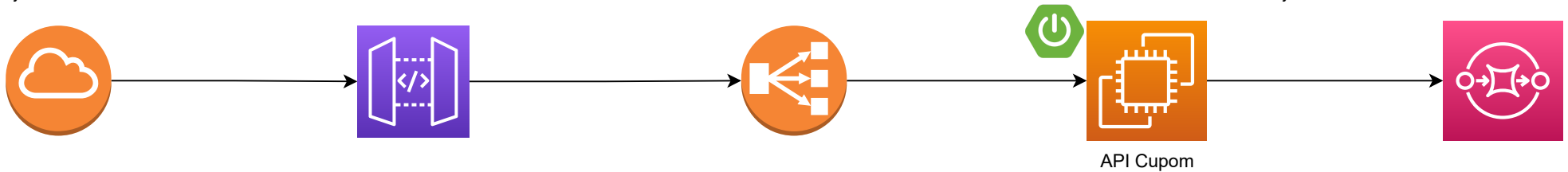
STATUS: 204

UsuarioRequest

```
{
  "id_usuario" : 1,
  "cupom" : "ABC-123-DEF-456",
  "valor" : 15.95
}
```

message

```
{
  "idUsuario" : 1,
  "cupom" : "ABC-123-DEF-456",
  "valor" : 15.95
}
```



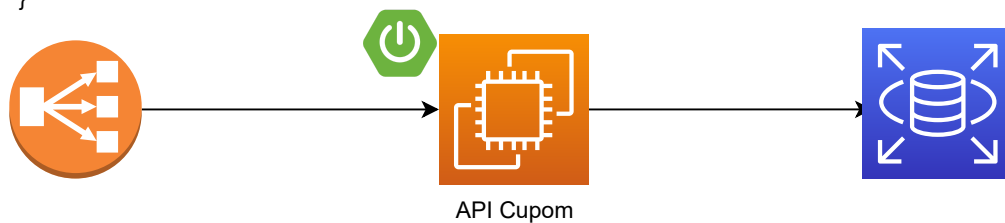
Registro de Cupom e Pontos

POST: /api/privado/v1/usuario

STATUS: 204

UsuarioRequest

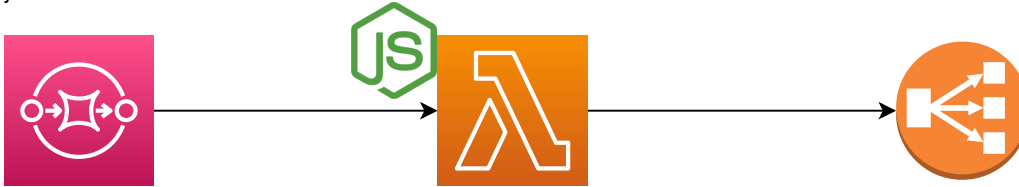
```
{
  "id_usuario" : 1,
  "cupom" : "ABC-123-DEF-456",
  "valor" : 15.95,
  "pontos": 185
}
```



Registro de Cupom e Calculo de Pontos

message

```
{  
  "idUsuario" : 1,  
  "cupom" : "ABC-123-DEF-456",  
  "valor" : 15.95  
}
```



Calculo dos pontos (Lambda)

Cada R\$ 1.00 vale 1 ponto:

- A cada R\$ 50.00 um ponto adicional.

- A cada R\$ 100.00 os pontos adicionais dobram.

Exemplo:

Compra R\$ 49.99 = 49 pontos

Compra R\$ 50.00 = 51 pontos (50 pontos + 1 adicional)

Compra R\$ 51.01 = 52 pontos (51 pontos + 1 adicional)

Compra R\$ 52.00 = 53 pontos

Compra R\$ 99.99 = 100 pontos

Compra R\$ 100.00 = 104 pontos (100 pontos + (2 adicionais * 2))

Compra R\$ 101.00 = 105 pontos (101 pontos + 4 adicional)

Compra R\$ 102.00 = 106 pontos (102 pontos + 4 adicionais)

Compra R\$ 149.99 = 153 pontos (149 pontos + 4 adicionais)

Compra R\$ 150.00 = 155 pontos (150 pontos + 5 adicionais)

Compra R\$ 200.00 = 212 pontos (200 pontos + (6 adicionais * 2))