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Instalación

Mediante los siguientes videos tutoriales se hace la instalación del server:

https://www.youtube.com/watch?v=FnTP7t47DII

https://www.youtube.com/watch?v=mkuS5QUj5Js

Modificar en el loraserver.toml:

Para solucionar problemas de conexión de software (explicado en el video)

```
dsn="postgres://localhost/loraserver_ns?sslmode=disable"
```

Cambiar al plan de frecuencia utilizado:

```
# Valid values are:

# * AS_923

# * AU_915_928

# * CN_470_510

# * CN_779_787

# * EU_433

# * EU_863_870

# * IN_865_867

# * KR_920_923

# * RU_864_870

# * US_902_928

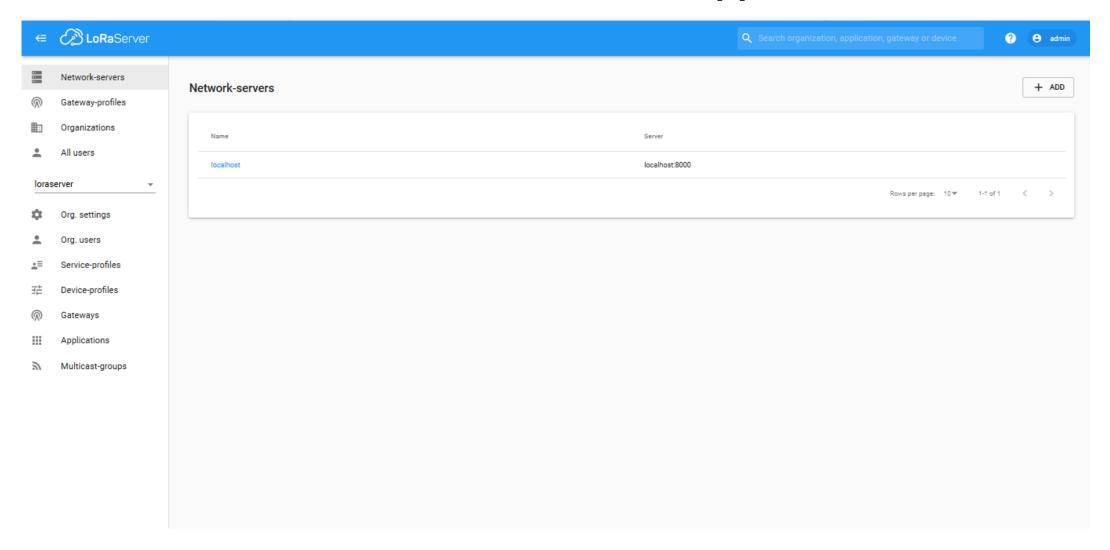
name=" AU_915_928"
```

Modificar para que los pings slot se mantengan en una frecuencia y no hagan frequency hopping.

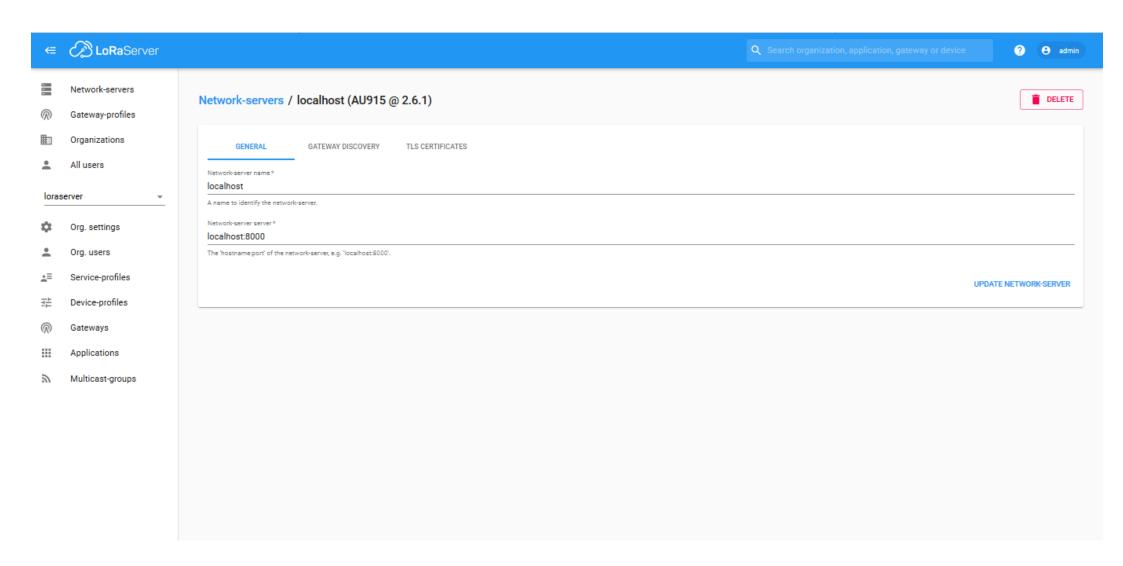
```
ping_slot_frequency=923300000
```

Configuración y creación de services (localhost:8080)

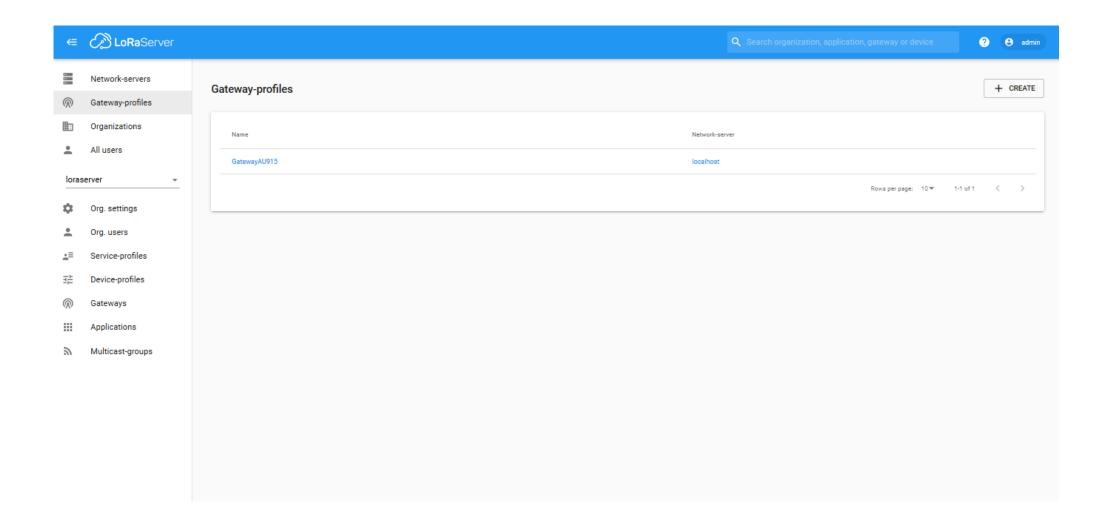
Creación de network-servers [1]



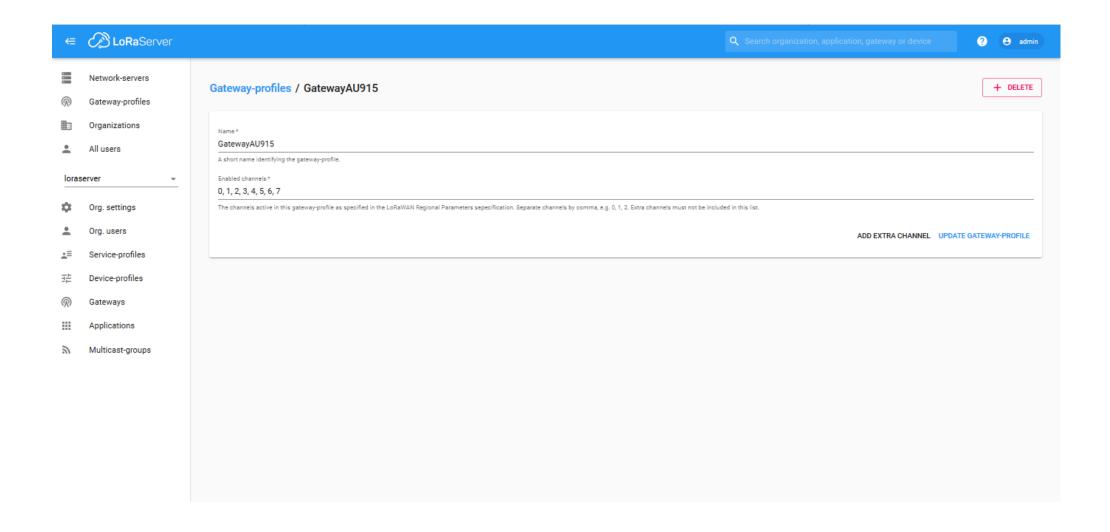
Creación de network-servers [2]



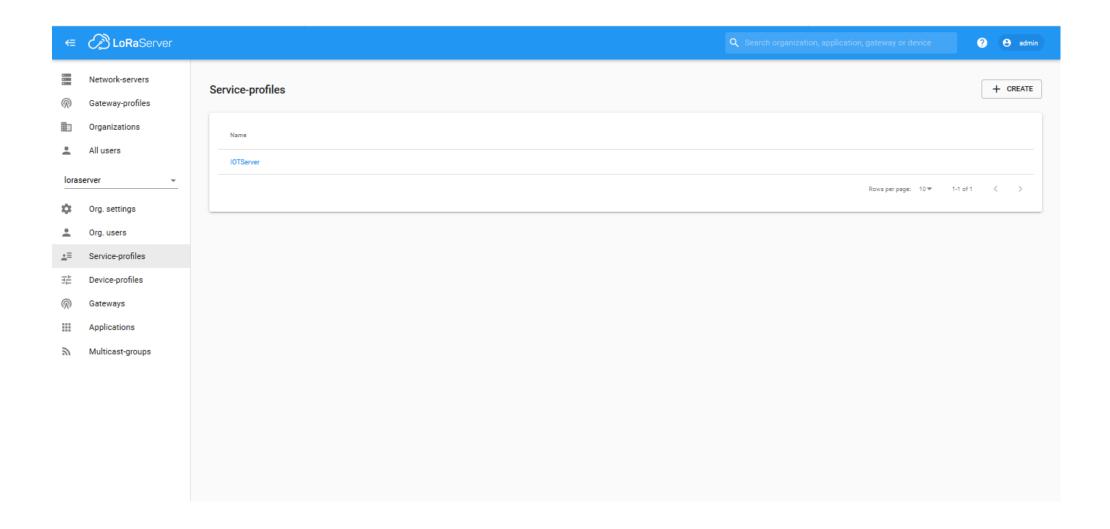
Creación de Gateway-profiles [1]



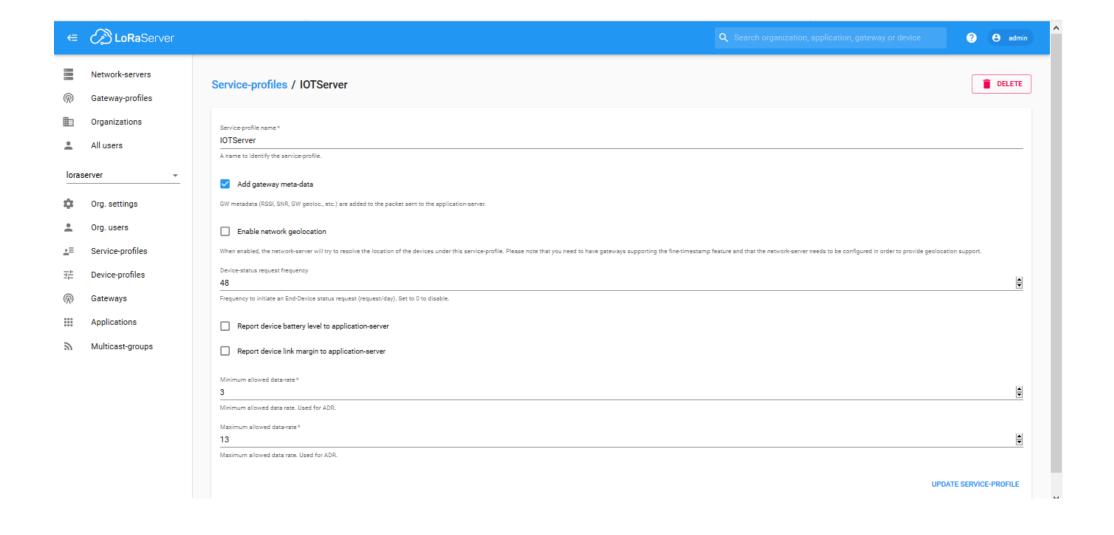
Creación de Gateway-profiles [2]



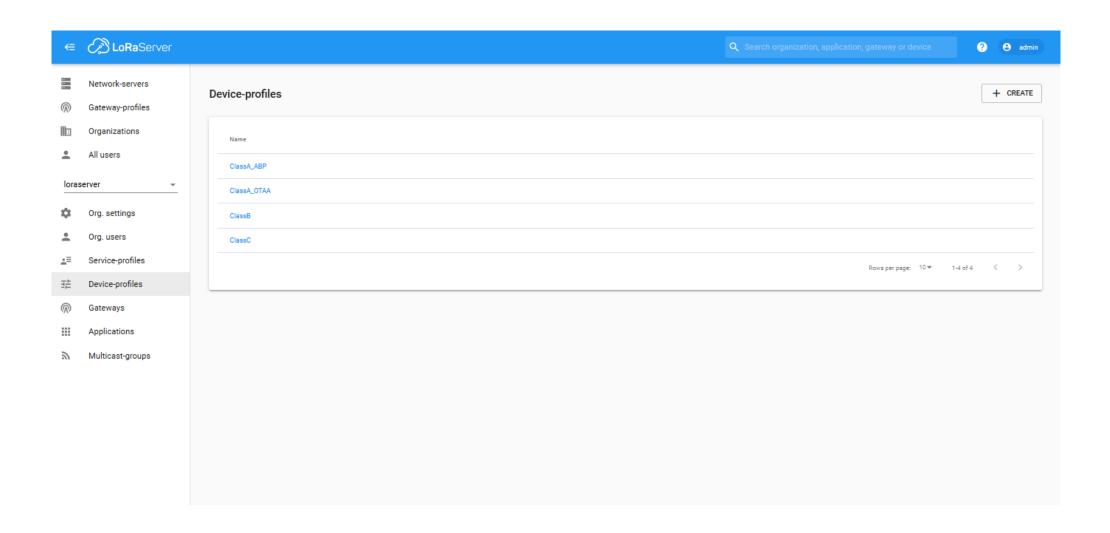
Creación de Service-profiles [1]



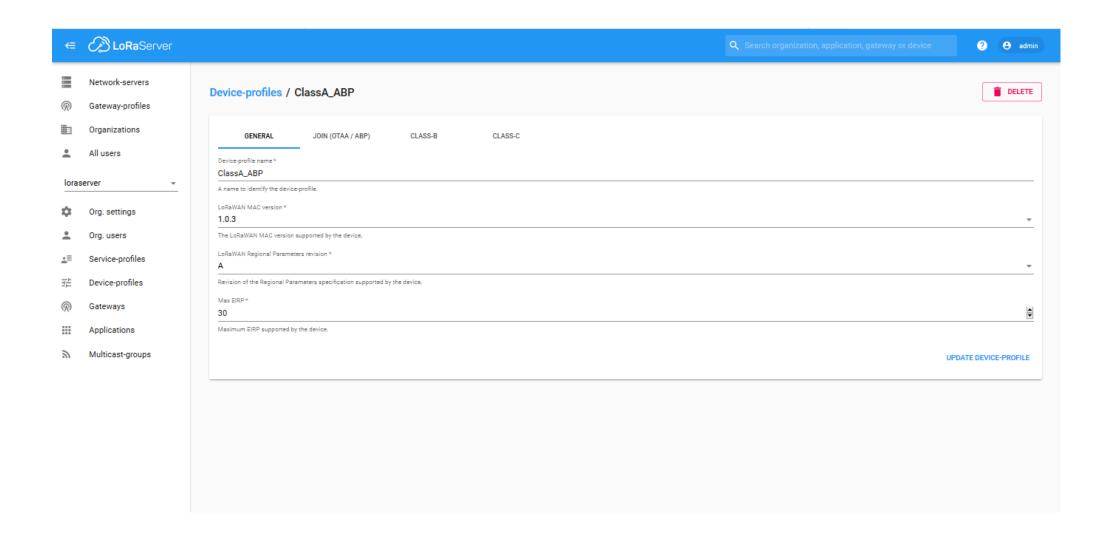
Creación de Service-profiles [2]



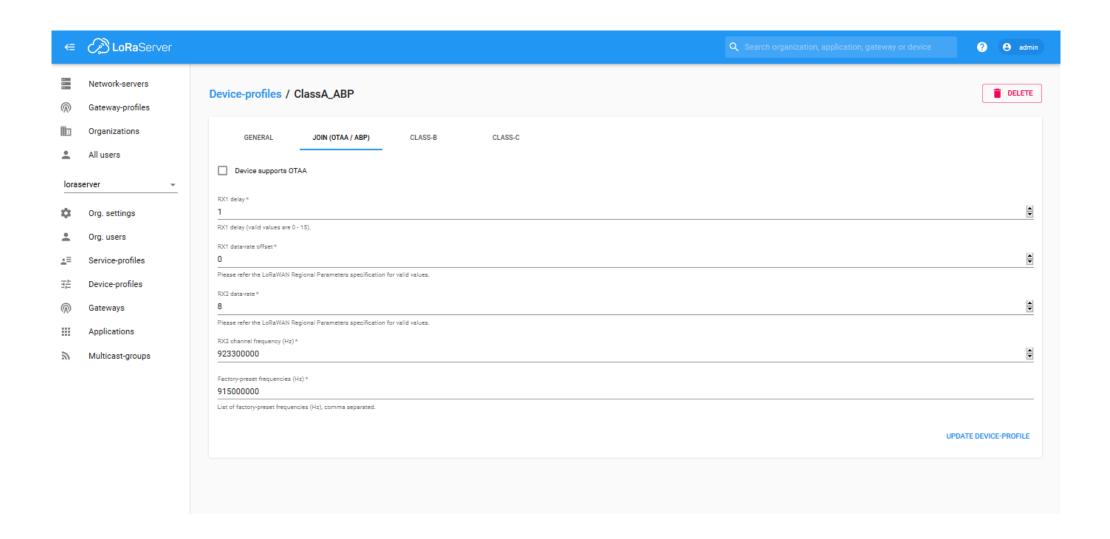
Creación de Device-profiles [1]



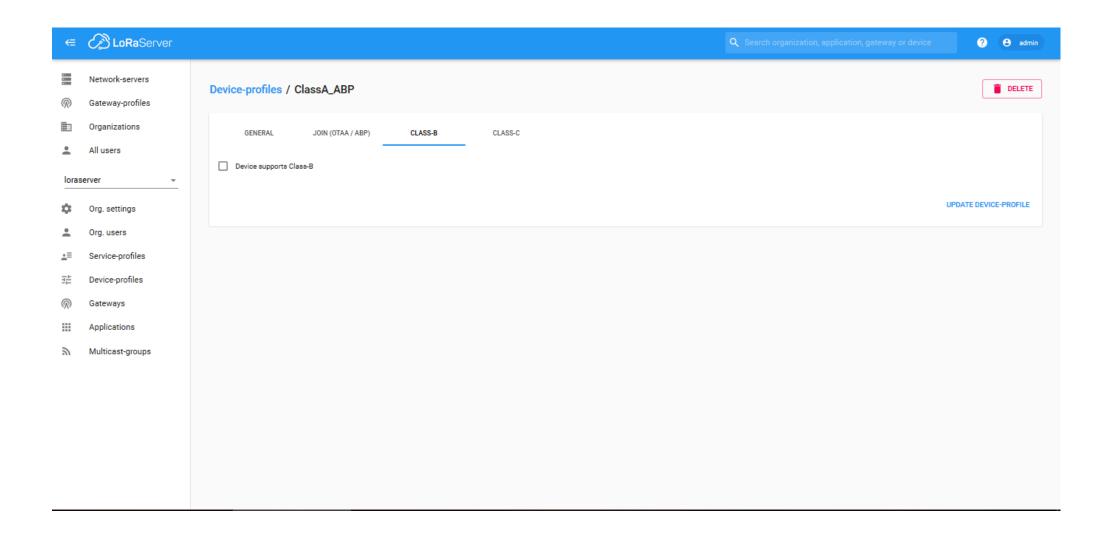
Creación de Device-profiles [2]



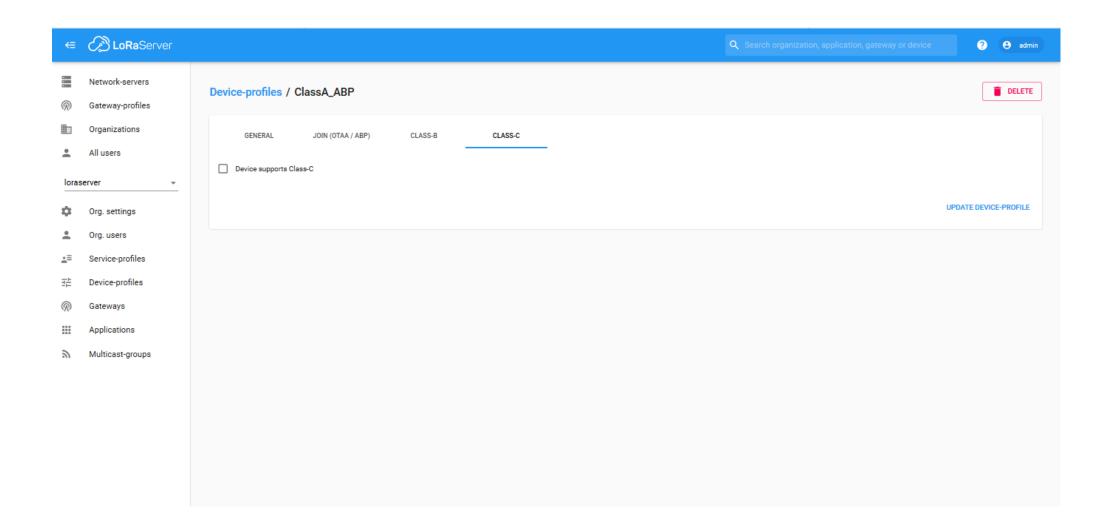
Creación de Device-profiles [3]



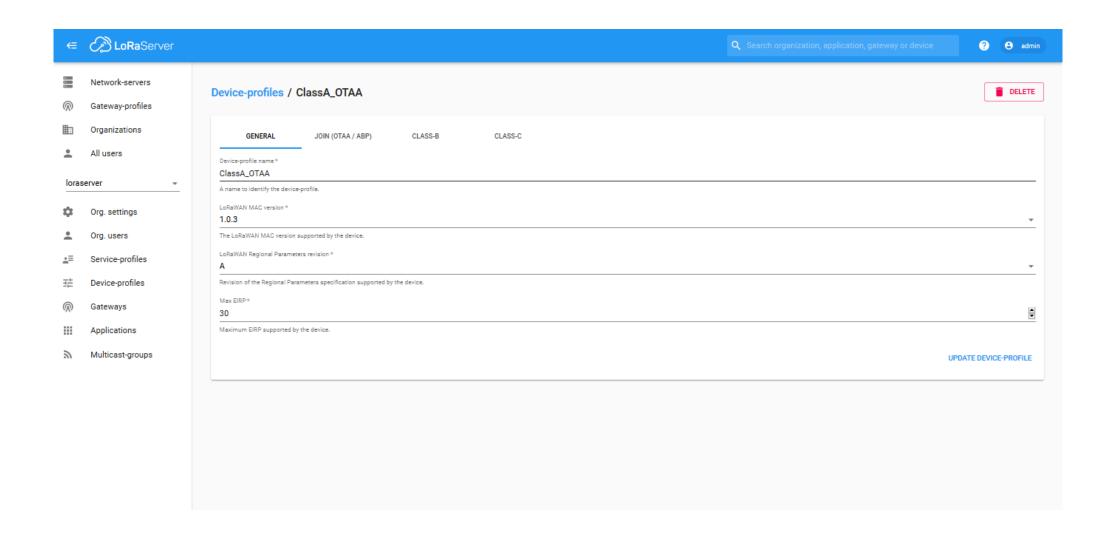
Creación de Device-profiles [4]



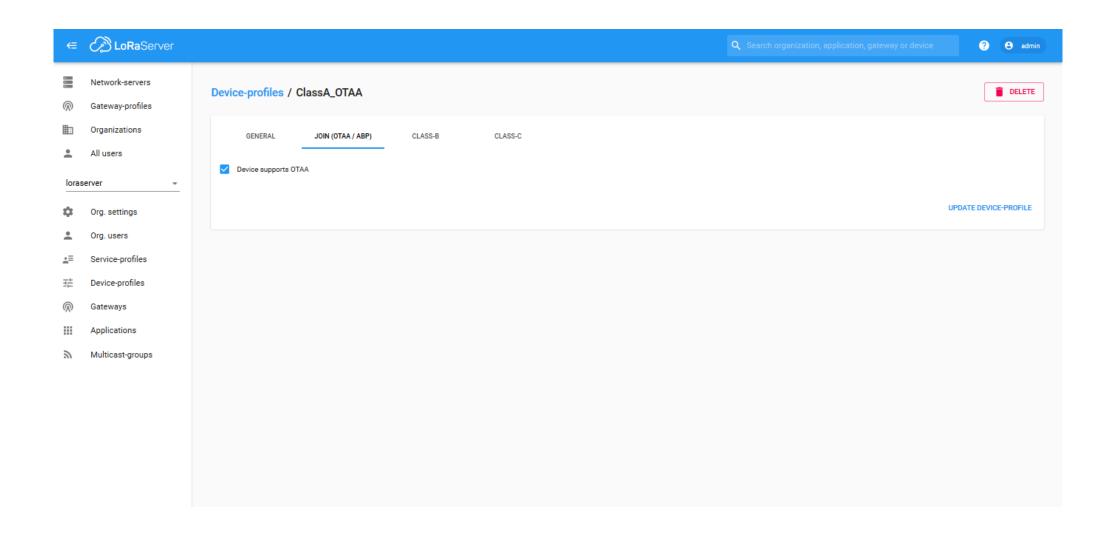
Creación de Device-profiles [5]



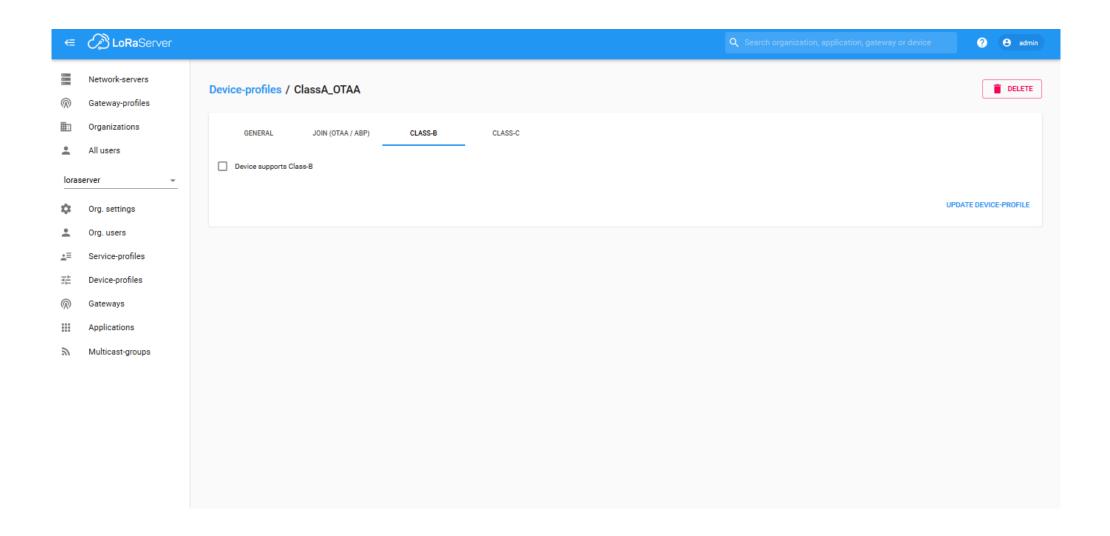
Creación de Device-profiles [6]



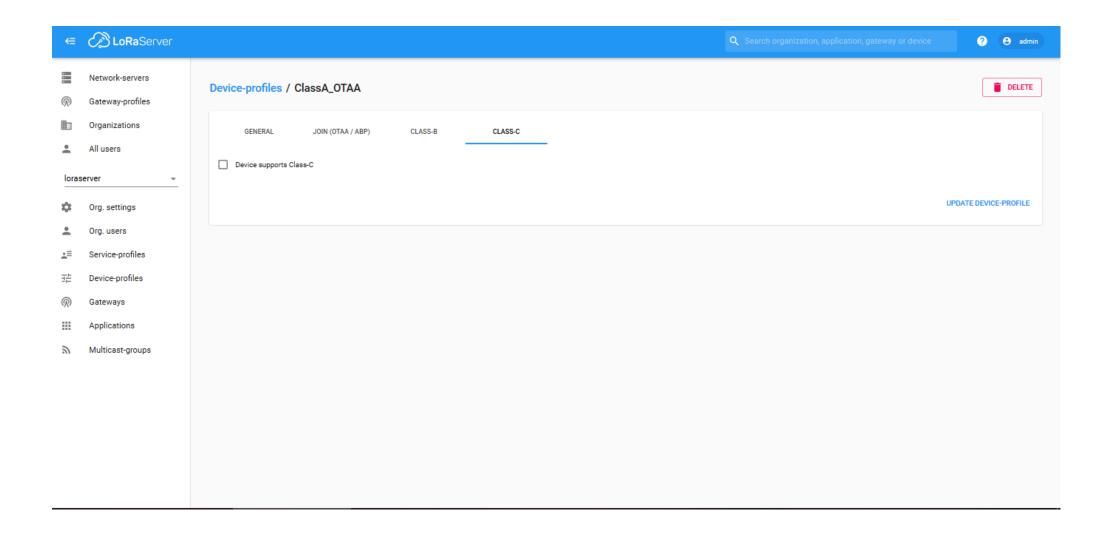
Creación de Device-profiles [8]



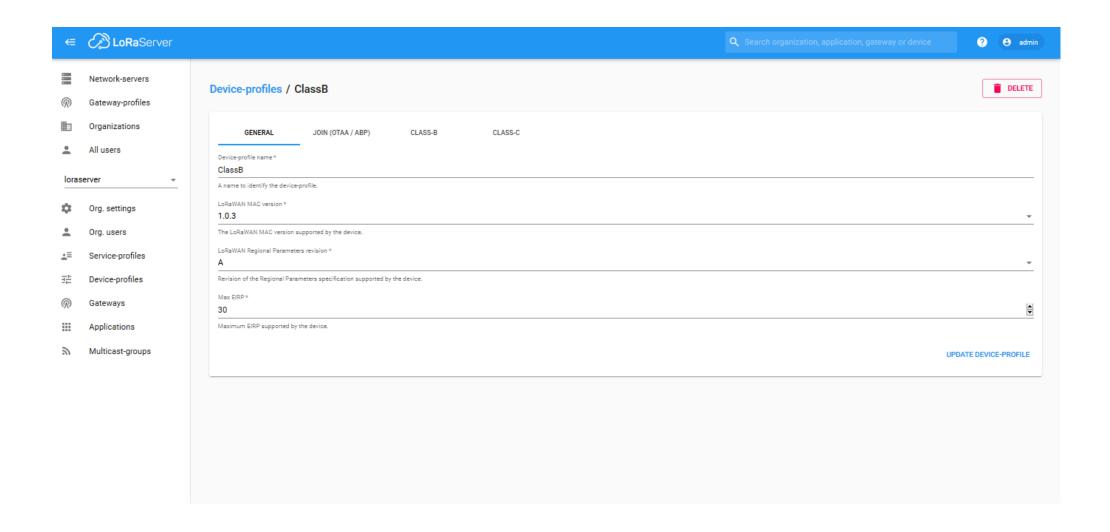
Creación de Device-profiles [9]



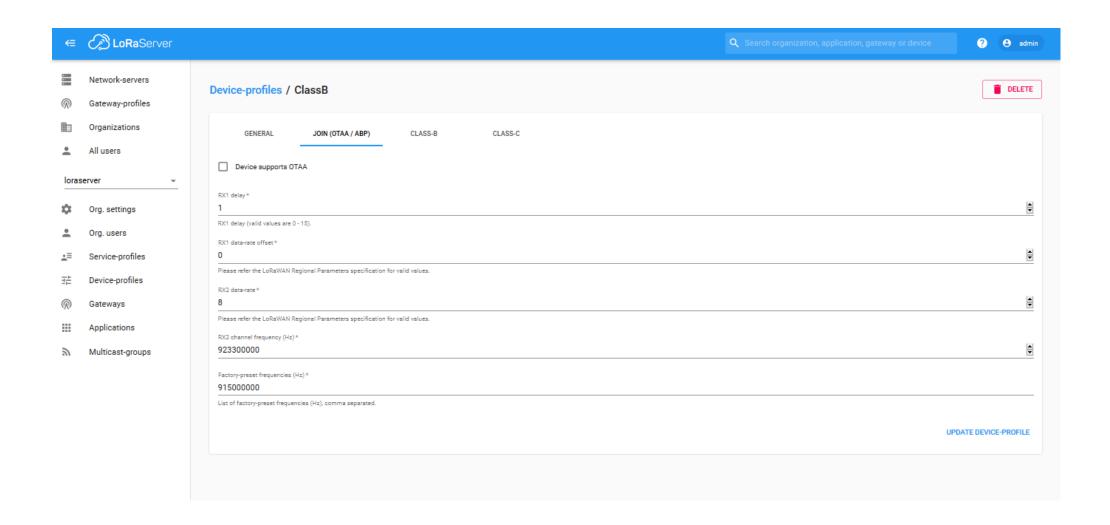
Creación de Device-profiles [10]



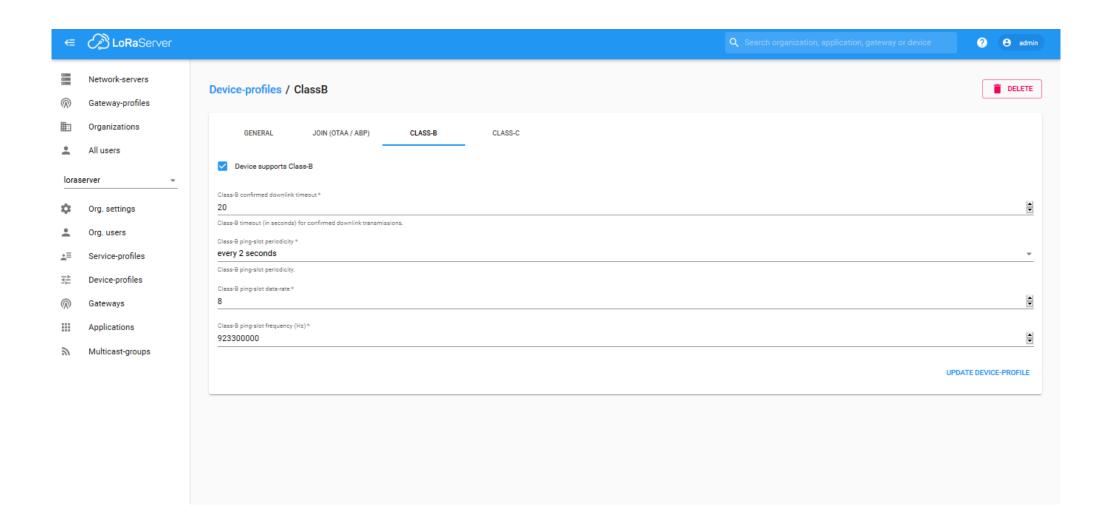
Creación de Device-profiles [11]



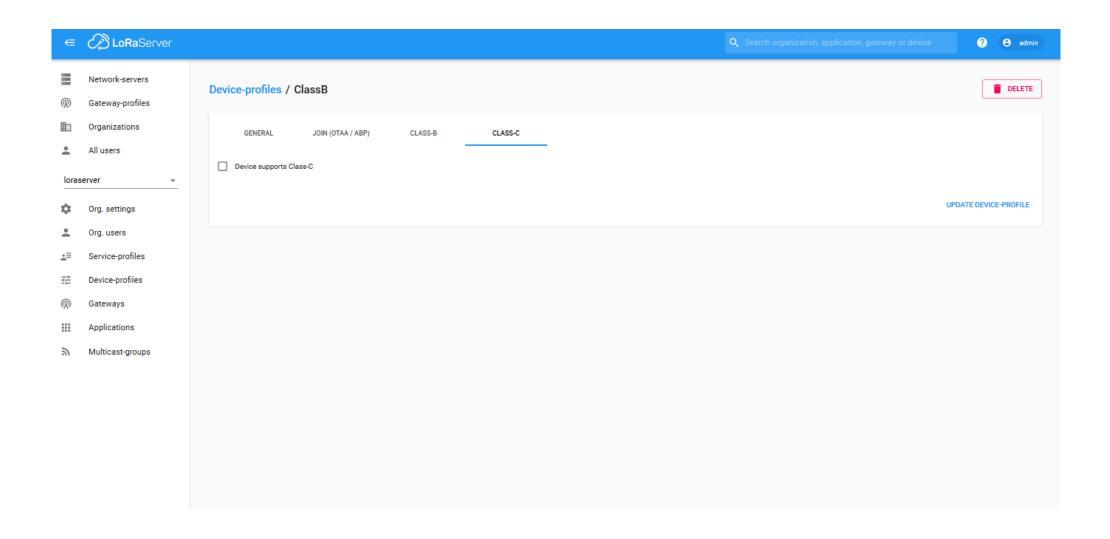
Creación de Device-profiles [12]



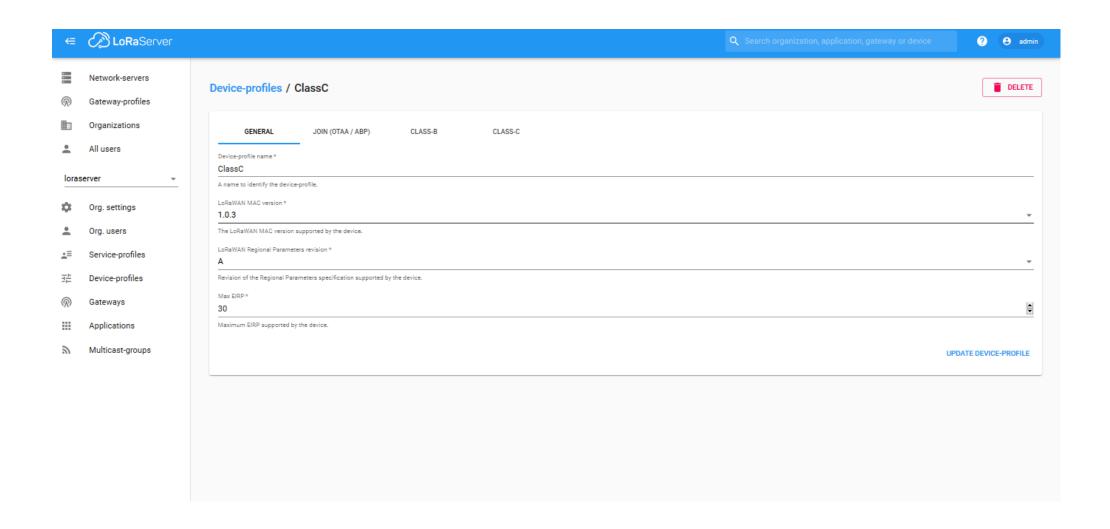
Creación de Device-profiles [13]



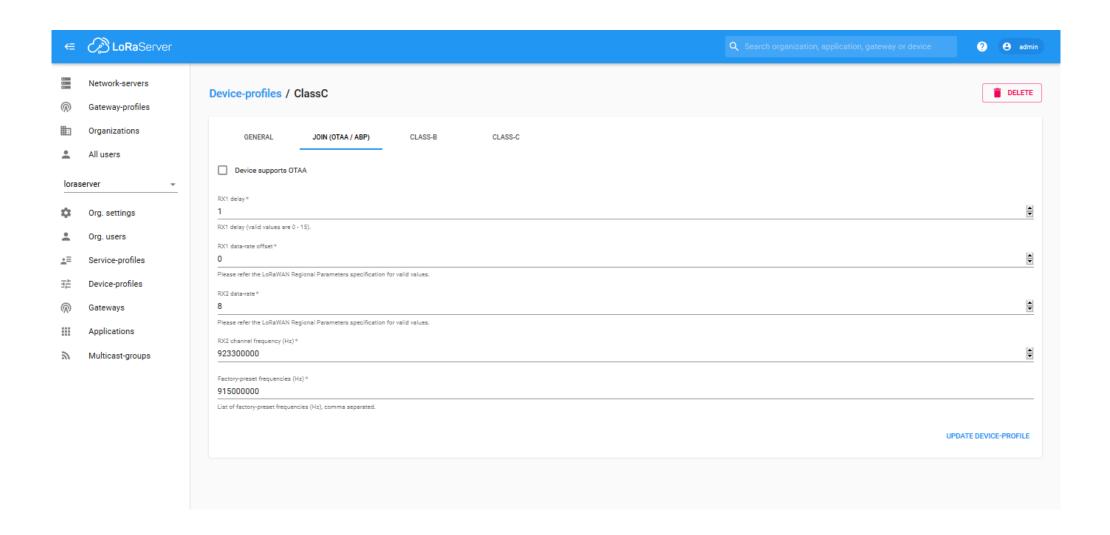
Creación de Device-profiles [14]



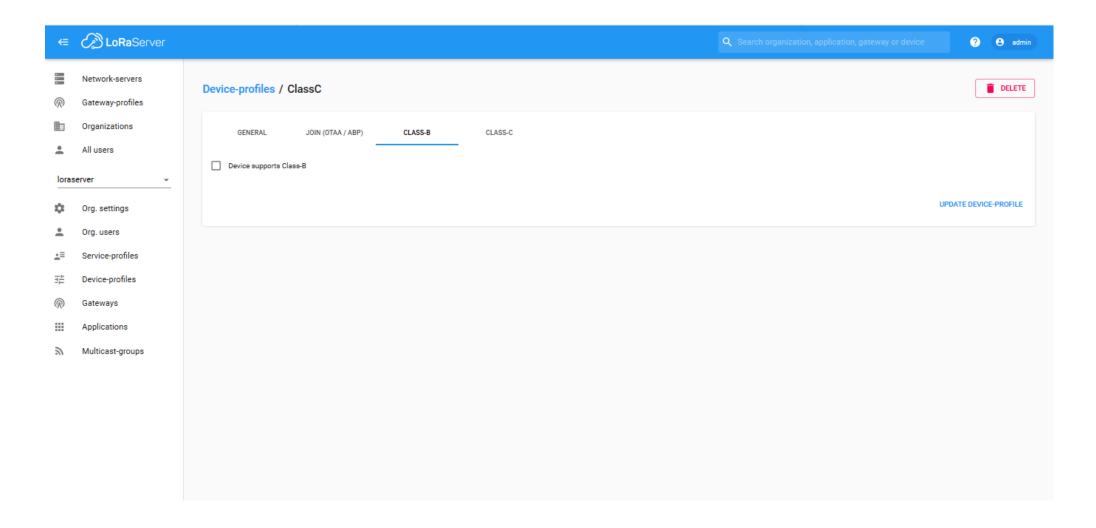
Creación de Device-profiles [15]



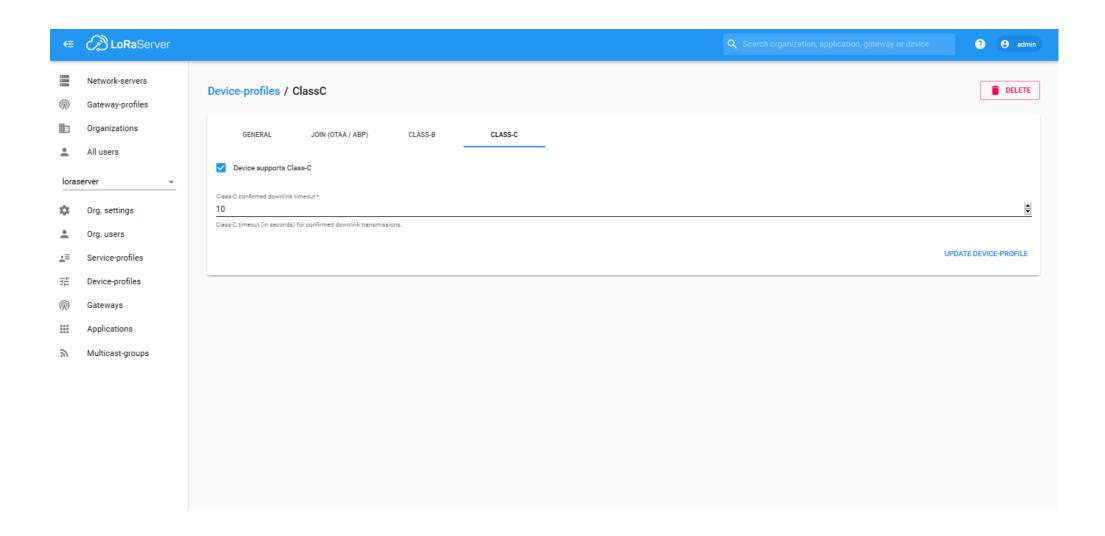
Creación de Device-profiles [16]



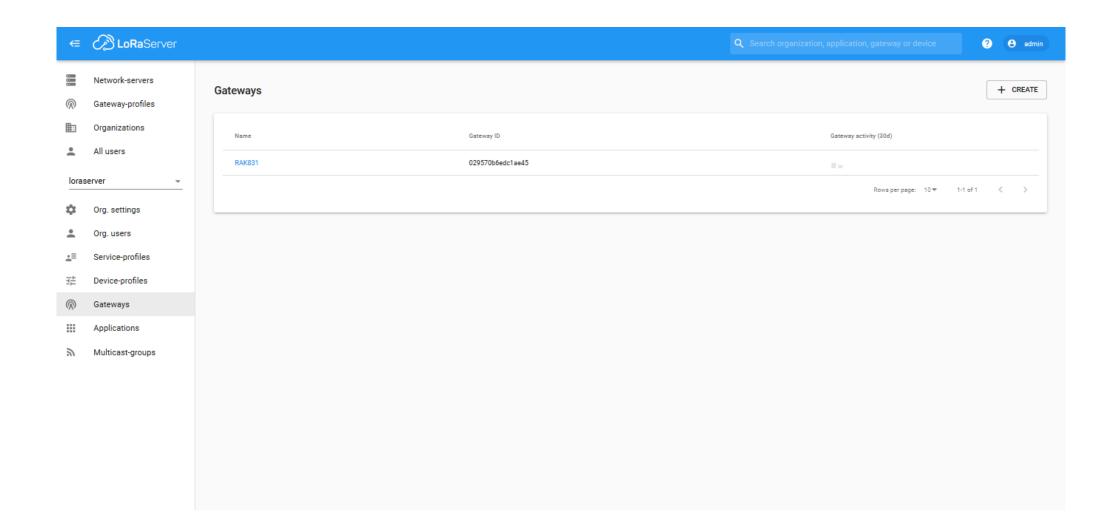
Creación de Device-profiles [17]



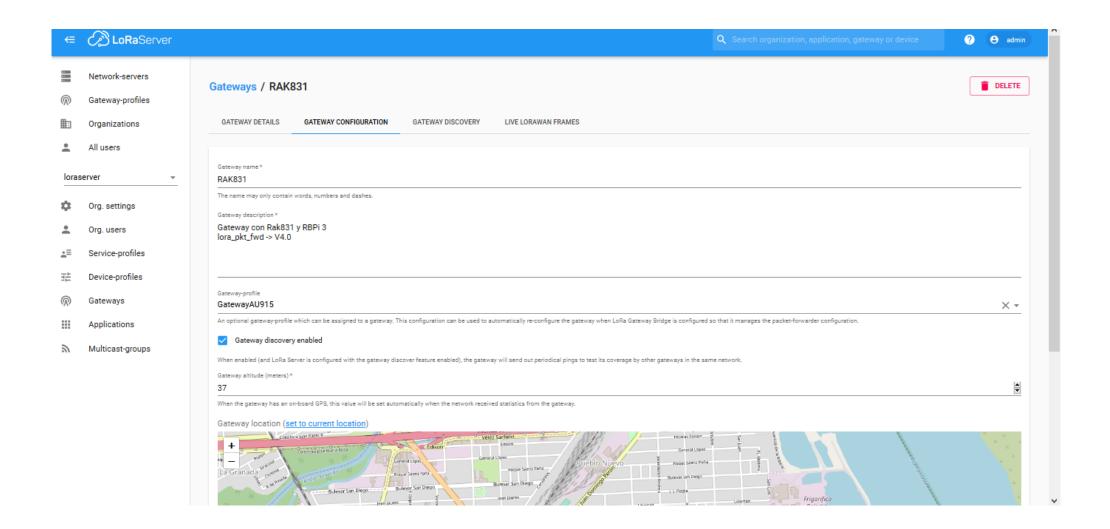
Creación de Device-profiles [18]



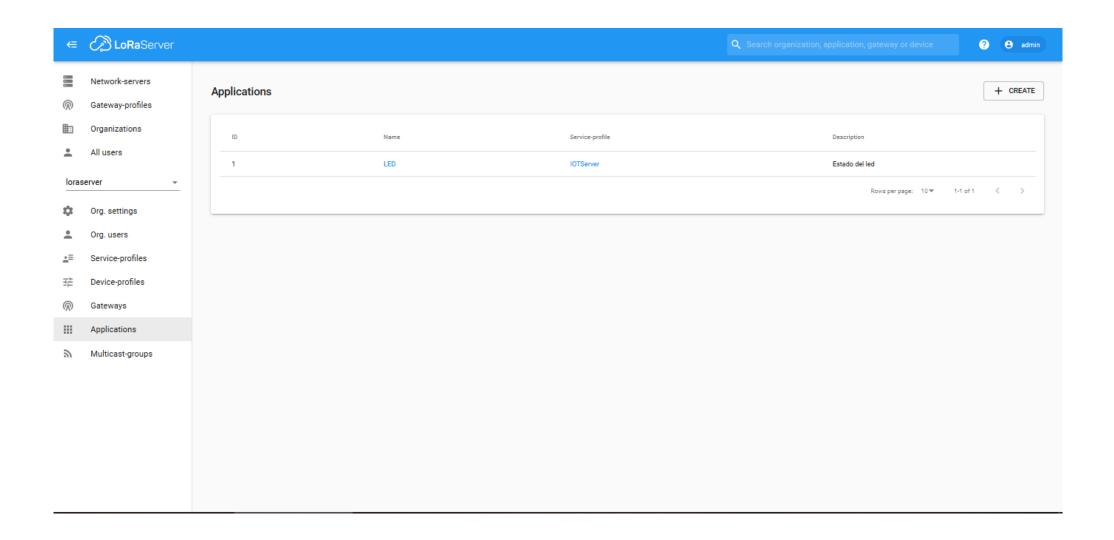
Gateways [1]



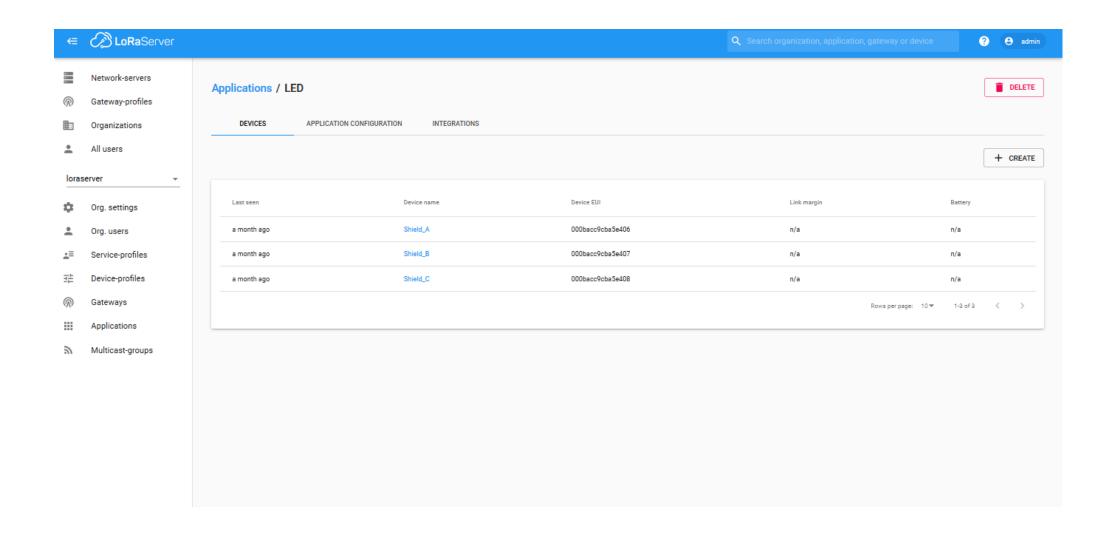
Gateways [2]



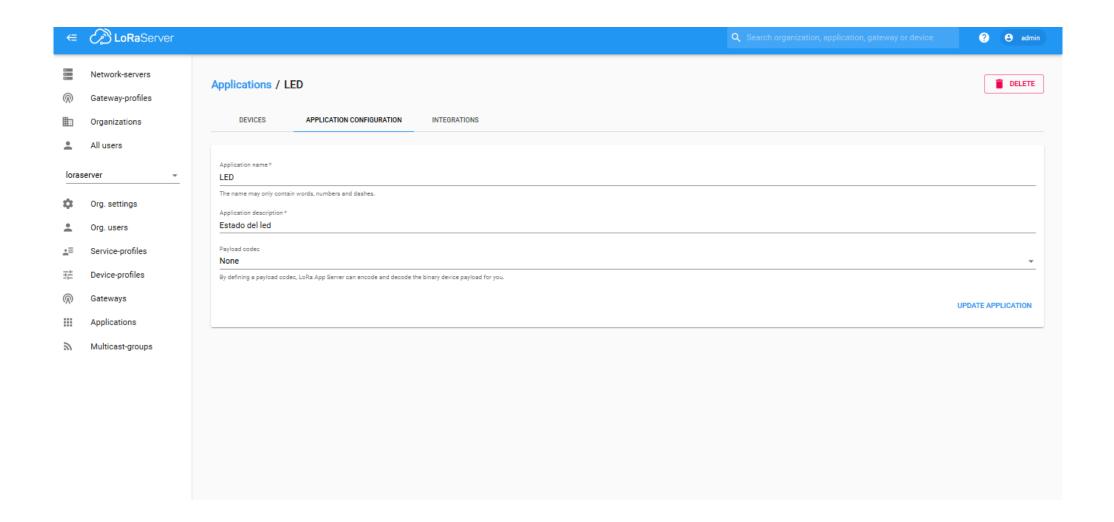
Applications [1]



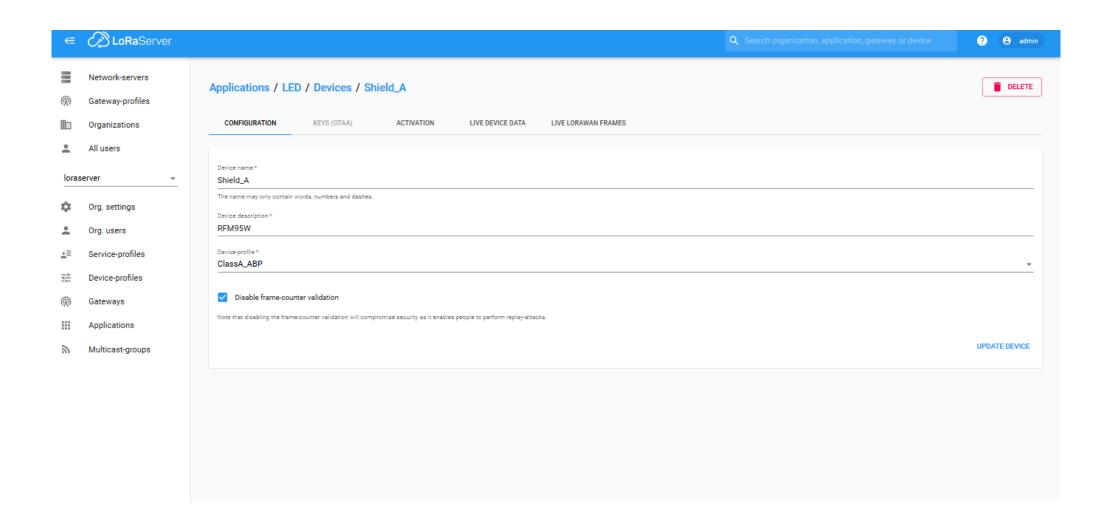
Applications [2]



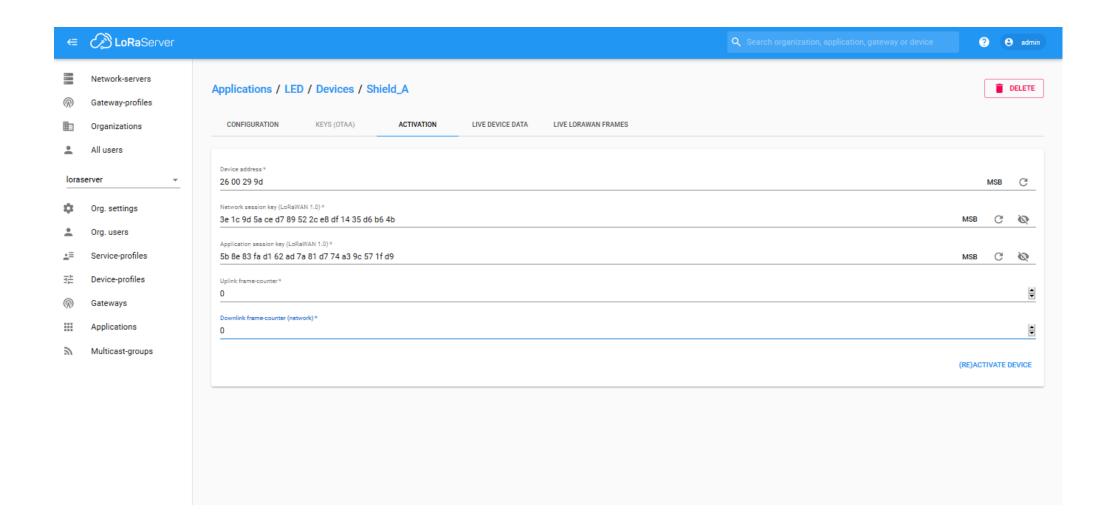
Applications [3]



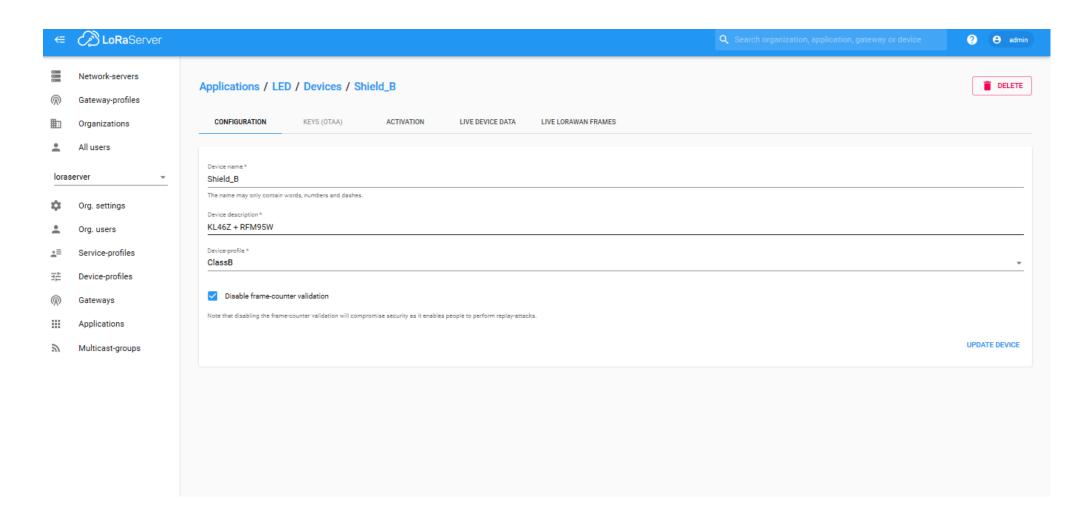
Applications [4]



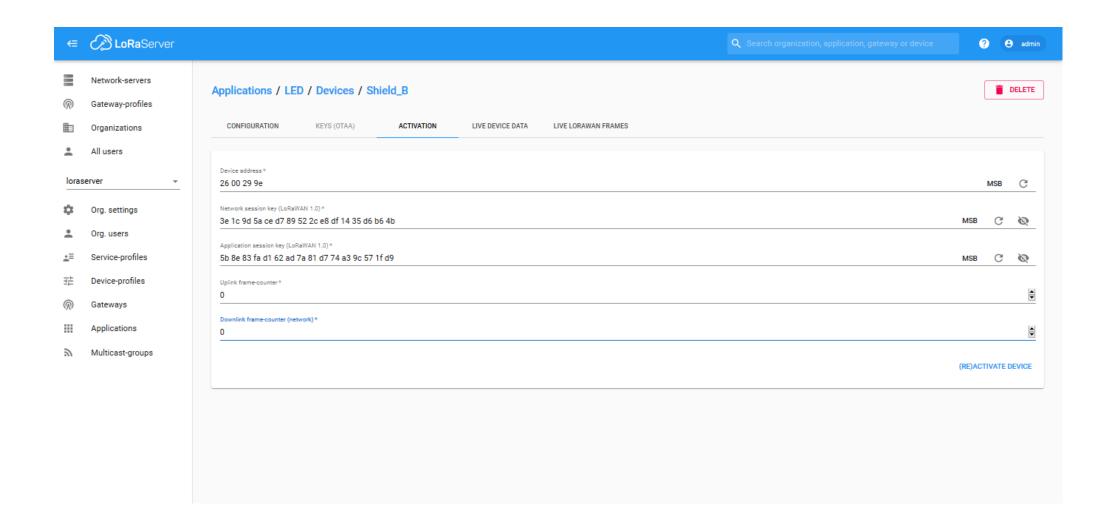
Applications [5]



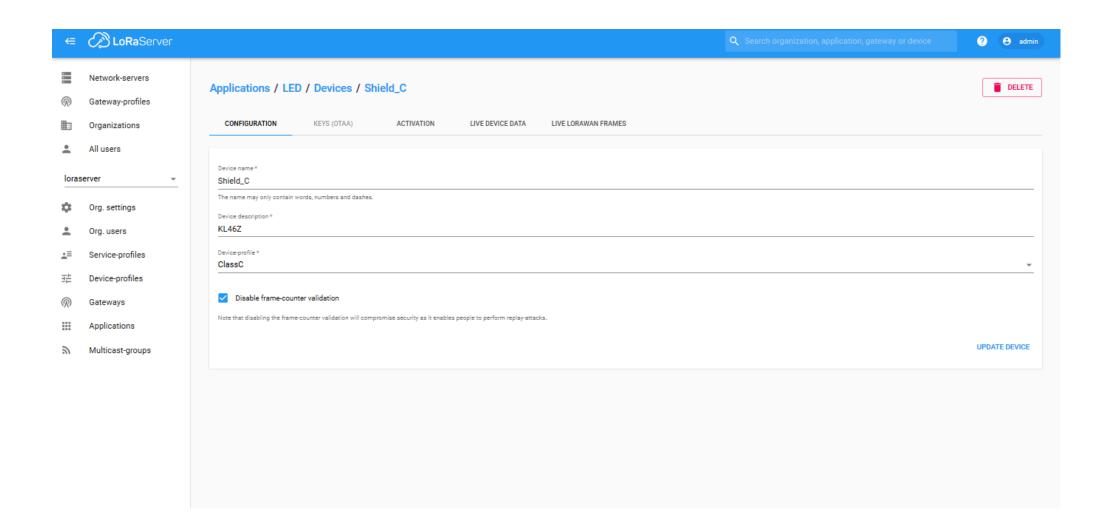
Applications [6]



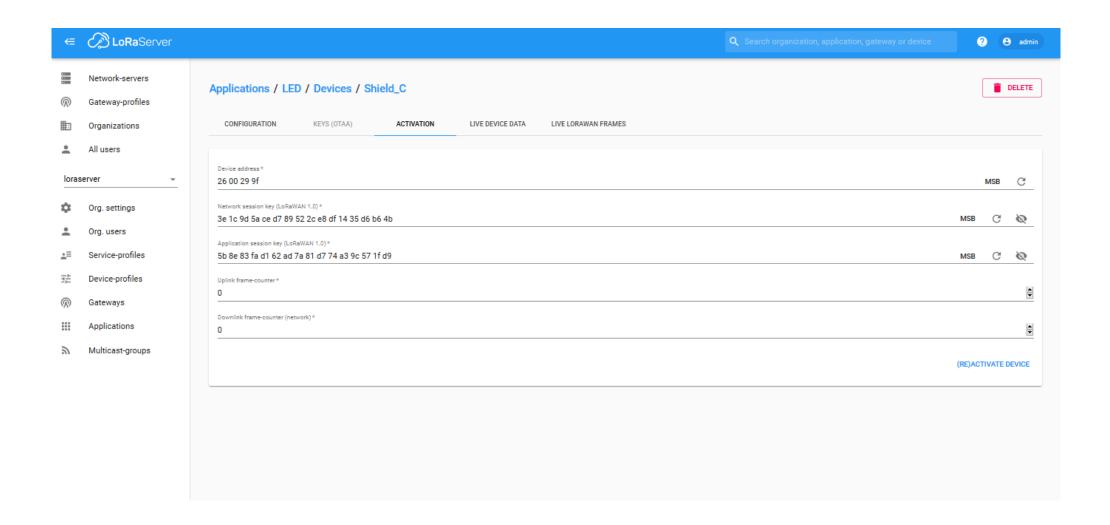
Applications [7]



Applications [8]

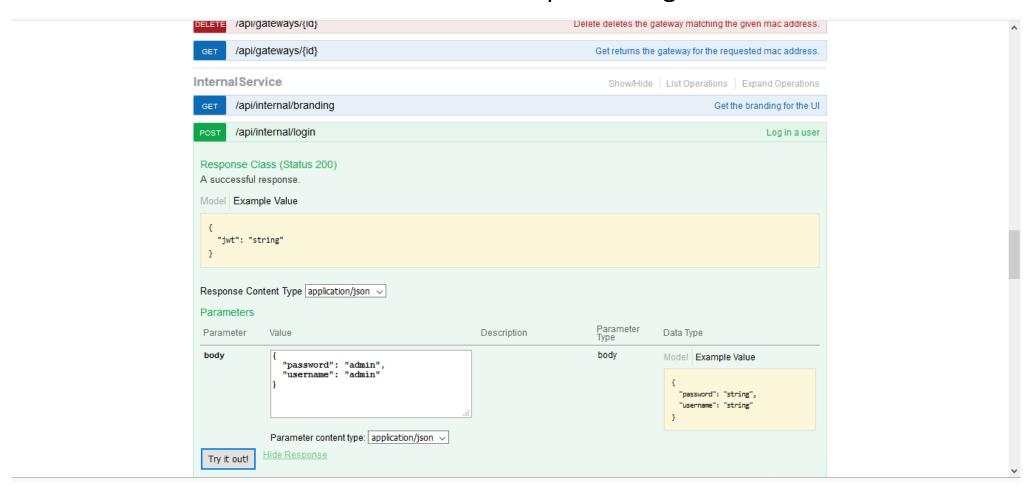


Applications [9]

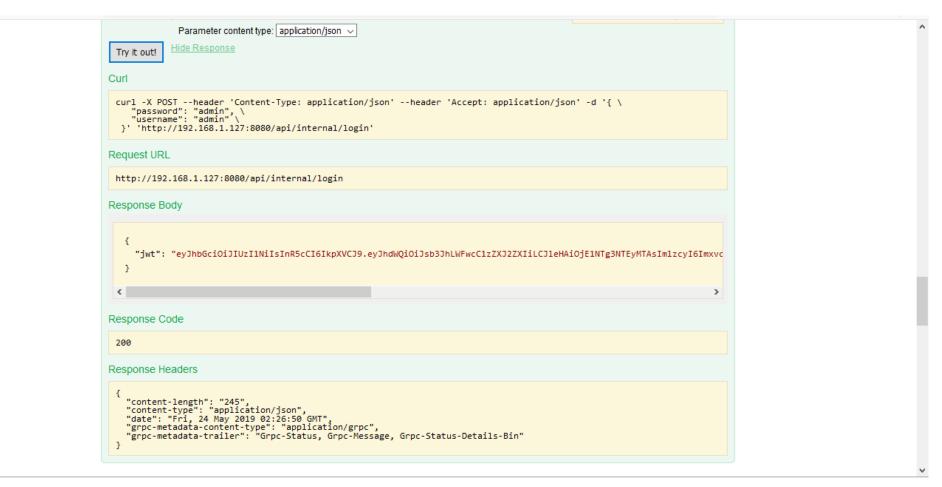


LoRa App Server REST API (localhost:8080/api)

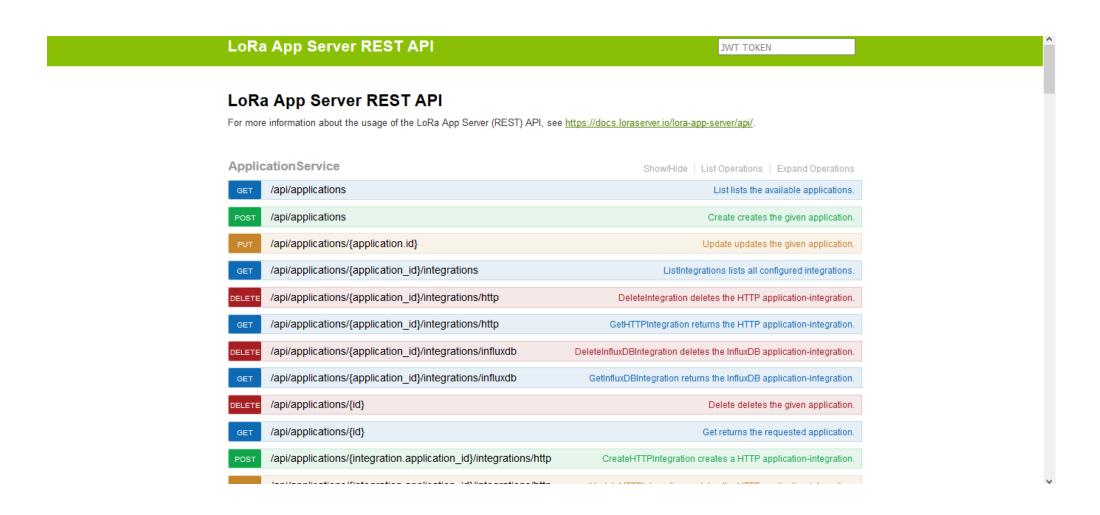
Generar el Token para el Login



Luego de dar "Try it out!" copiar la JWT



Pegar la JWT en la parte superior derecha de la página. Dar enter y F5. Ahora ya se pueden utilizar las APIs hasta que el Token venza.



Desde la siguiente API, completando los campos, se hacen los Downlink.

