

INSTALACIÓN DE UN NODO EN BITCOIN + LIGHTNING NETWORK

- Raspberry pi 3 modelo B
 - Raspiblitz
 - Guía práctica para instalar un nodo entero de Bitcoin y lightning.
 - Nivel de experiencia requerido: **Media-Alto**
 - Gratis
 - Diseñado para perfiles técnicos
- Proveedor de servicio
 - BTCPay Server + Lunanode
 - Nivel de experiencia requerido: **Bajo-Medio**
 - Despliegue en menos de 5 min
 - Menos de 7 euros al mes
 - Diseñado para perfiles no técnicos



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- Crear cuenta en [Lunanode](#)
- Click en API

Luna Node Dynamic

Support Billing API Account Logout

Luna Node Dynamic

Billing

2 Virtual Machines	\$14.00	0 Security Groups	Free
6 Volumes	\$10.20	0 Images	\$0.00
0 Unattached IPs	\$0.00	0 Additional IPs	\$0.00
2 Virtual Networks	\$0.00	0 Load Balancers	\$0.00
0 Startup Scripts	Free		

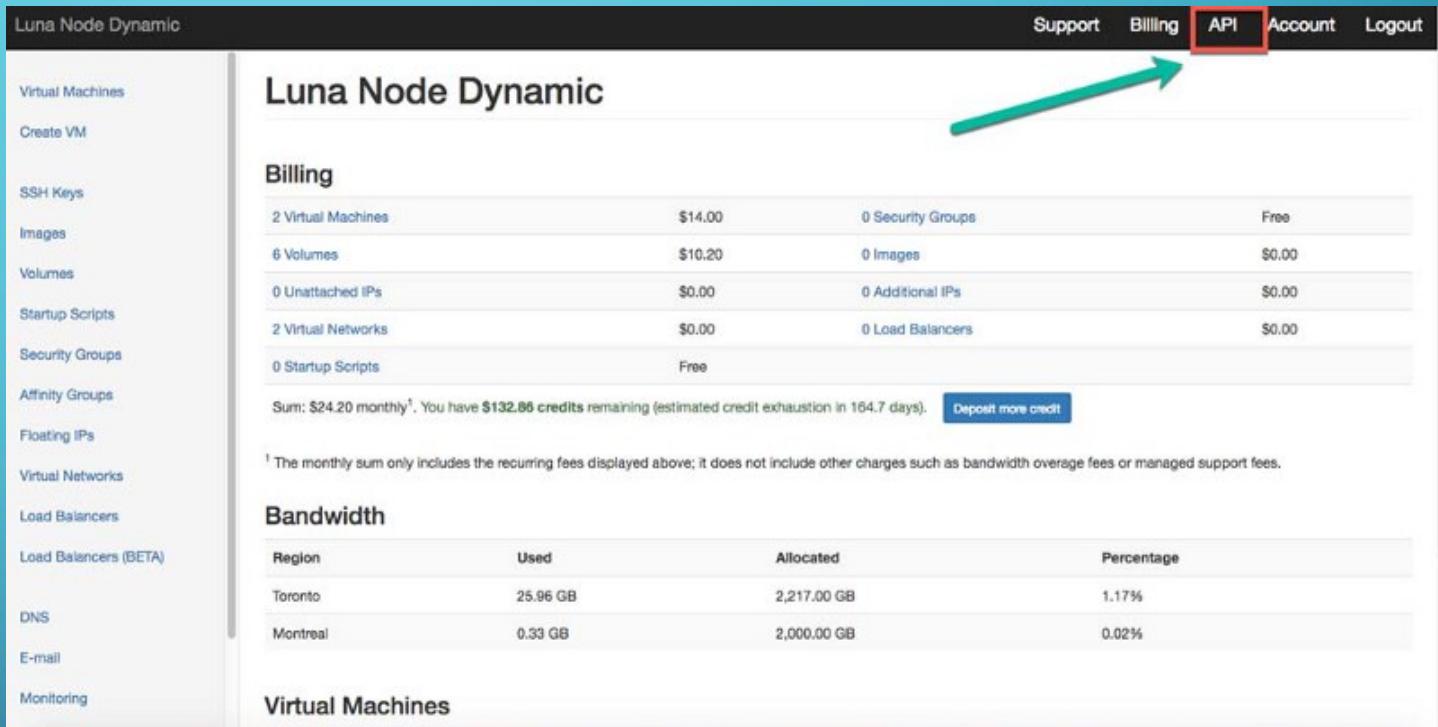
Sum: \$24.20 monthly¹. You have \$132.86 credits remaining (estimated credit exhaustion in 164.7 days). [Deposit more credit](#)

¹ The monthly sum only includes the recurring fees displayed above; it does not include other charges such as bandwidth overage fees or managed support fees.

Bandwidth

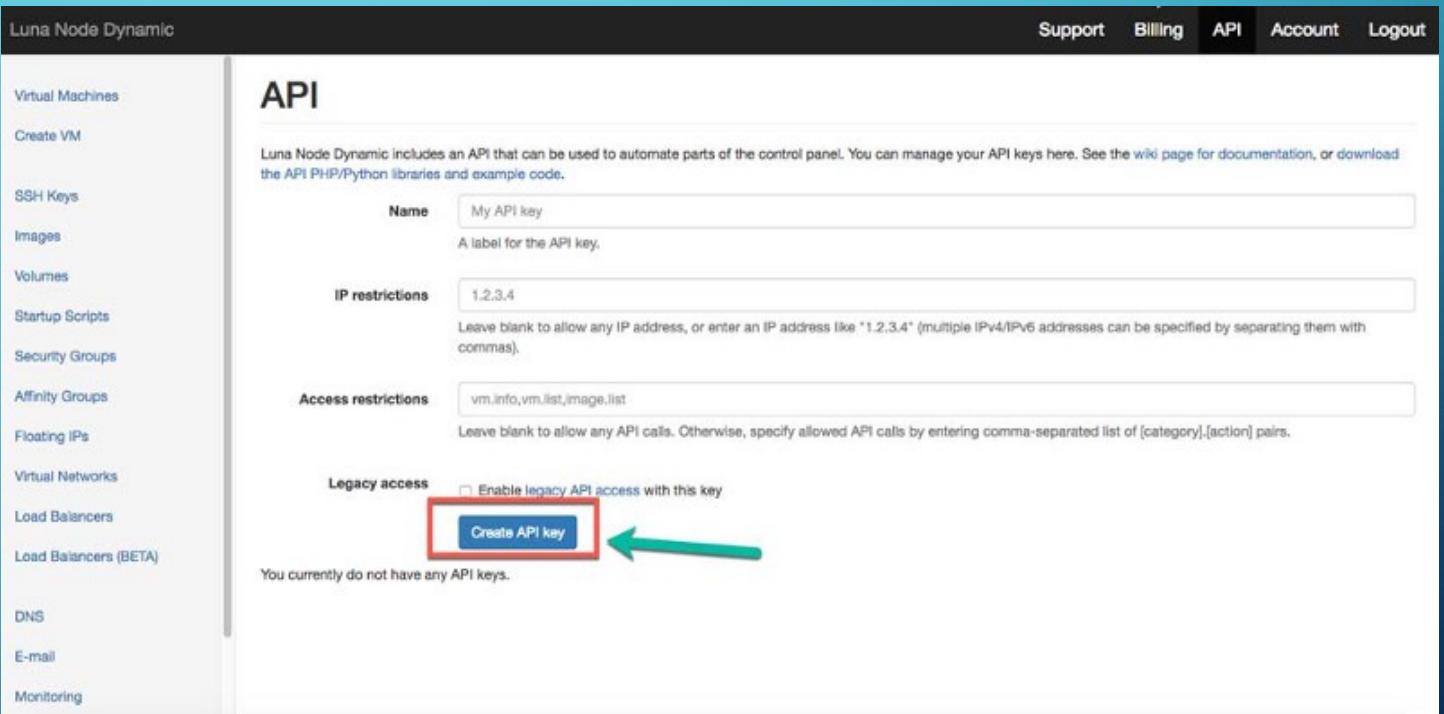
Region	Used	Allocated	Percentage
Toronto	25.96 GB	2,217.00 GB	1.17%
Montreal	0.33 GB	2,000.00 GB	0.02%

Virtual Machines



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- (Opcional) Añade un nombre a la clave API. Eg: *BTCPay Server 1 click deployment*
- Click en creat clave API



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- Copia la API ID y la API KEY

Luna Node Dynamic Support Billing API Account Logout

API ↗

A new API key has been enabled. You can view the API ID in the table below. Your API key:
i2tr4dgm9re2x6tukyum15szv 1jn2i402lh3wkfhtb45fmkvg9azuc8wjs57tvrtfzrth3f1959b06.../dq9

Luna Node Dynamic includes an API that can be used to automate parts of the control panel. You can manage your API keys here. See the wiki page for documentation, or download the API PHP/Python libraries and example code.

Name	API ID	IP restriction	Access restriction	Legacy?	Remove
My API key	i2tr4dgm9re2x6tukyum15szv	1.2.3.4	vm.info,vm.list,image.list	No	Remove

Virtual Machines **Create VM** **SSH Keys** **Images** **Volumes** **Startup Scripts** **Security Groups** **Affinity Groups** **Floating IPs** **Virtual Networks** **Load Balancers** **Load Balancers (BETA)** **DNS** **E-mail** **Monitoring**

IP restrictions: Leave blank to allow any IP address, or enter an IP address like "1.2.3.4" (multiple IPv4/IPv6 addresses can be specified by separating them with commas).

Access restrictions: Leave blank to allow any API calls. Otherwise, specify allowed API calls by entering comma-separated list of [category].[action] pairs.

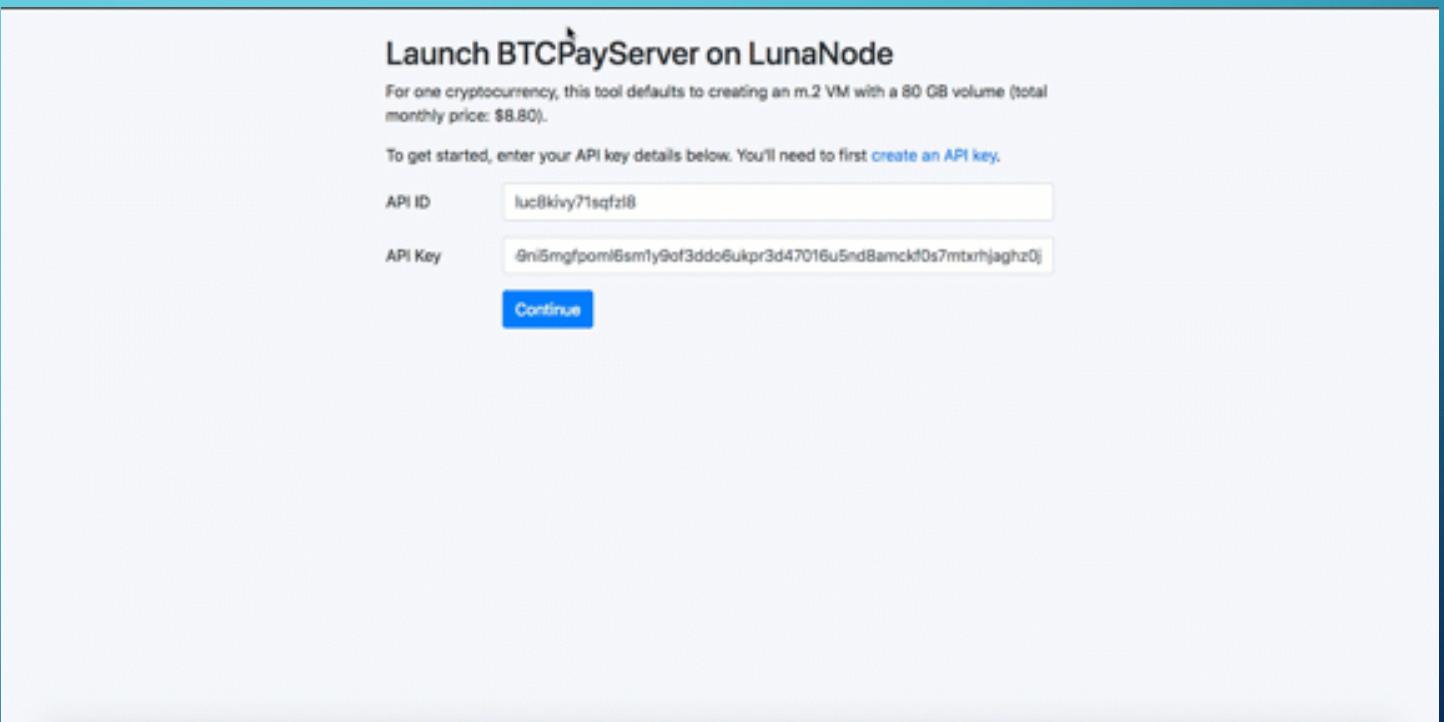
Legacy access: Enable legacy API access with this key

Create API key

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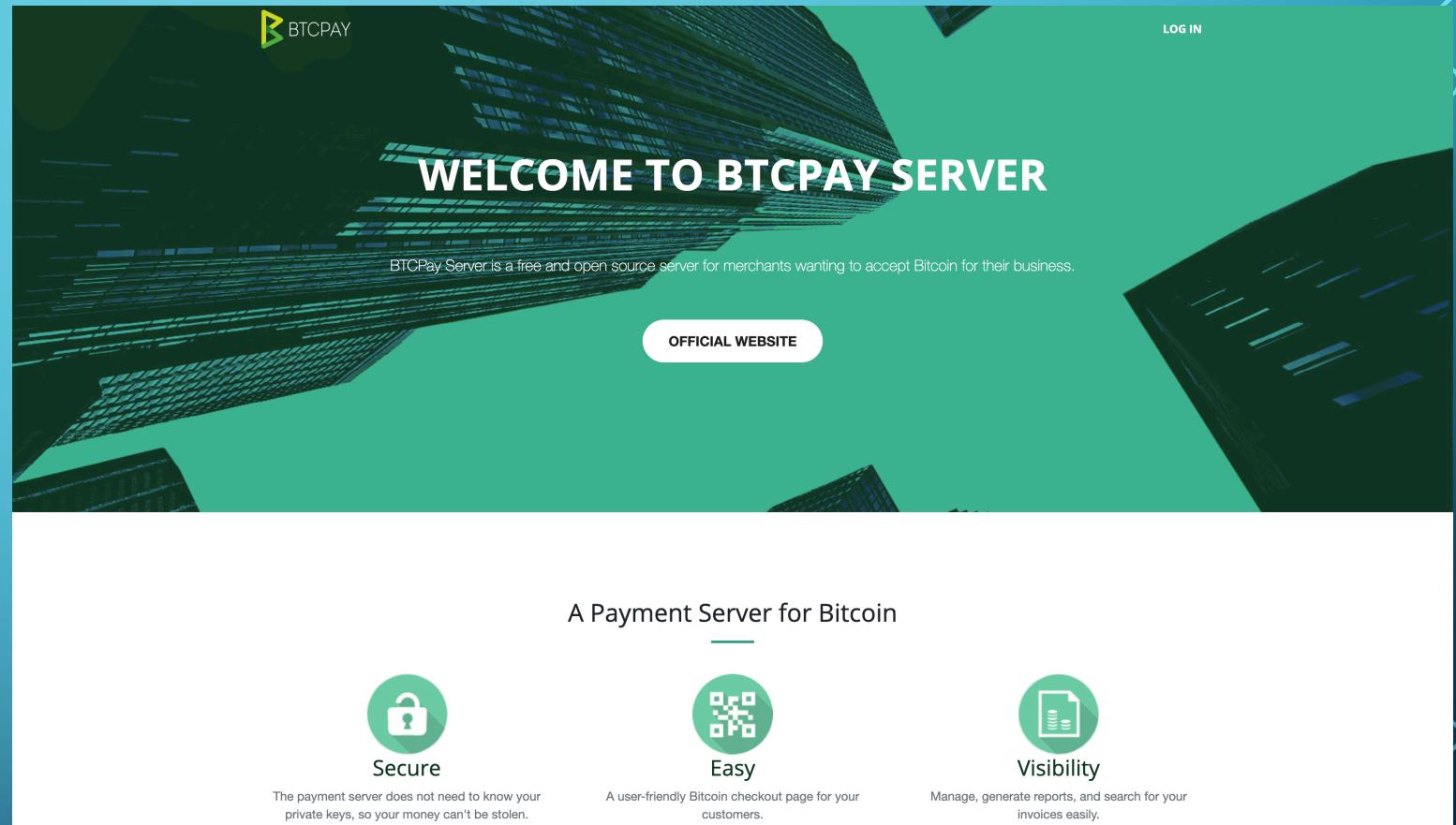
- Accede a [BTCPay Server 1 click deployment](#)
- Pega la API ID y la API KEY
- Click en Continuar

Una vez se haya configurado la instancia de BTCPay Server (Bitcoin, mainnet, dirección IP...) procederemos a acceder a nuestra instancia de BTCPay Server.



BTCPAY SERVER

- Una vez accedamos a nuestra dirección IP veremos la pantalla de acceso de BTCPay Server.
- Click en LOG IN



Log in

Use a local account to log in.

Email

Password

The Password field is required.

Remember me?

Log in

[Forgot your password?](#)

[Register as a new user?](#)

Use another service to log in.

There are no external authentication services configured. See [this article](#) for details on setting up this ASP.NET application to support logging in via external services.

LOG IN

- El primer registro se realiza como administrador.
- Es recomendable activar 2FA una vez registrado.

AJUSTES

En la ventana de ajustes podremos:

- Administrar usuarios.
- Administrar conversiones a una moneda fiat de nuestra preferencia.
- Configurar el servidor email para automatizar correos electrónicos
- Ajustar políticas de registro y de disposición de aplicaciones en BTCPay Server
- Utilizar servicios técnicos adicionales como RTL UI
- Escoger un tema Bootstrap de nuestra preferencia
- Administrar el dominio de la instancia de BTCPay Server.
- Actualizar y/o limpiar la instancia de BTCPay Server.
- Ver el log de la consola de BTCPay Server

The screenshot shows the 'Server settings' page of the BTCPay Server interface. At the top, there is a navigation bar with links: SERVER SETTINGS, STORES, APPS, WALLETS, INVOICES, PAYMENT REQUESTS, MY SETTINGS, and LOG OUT. The 'SERVER SETTINGS' link is highlighted. Below the navigation bar, the title 'Server settings' is displayed above a 'Users' section. On the left, a sidebar lists several options: Rates, Email server, Policies, Services, Theme, Maintenance, and Logs. The 'Users' option is selected and highlighted in green. In the main content area, there is a table titled 'Users'. The table has columns for 'Name', 'Email', and 'Actions'. Two users are listed: 'carlosroldan26396@gmail.com' and 'federicospitaleri@bitcoin4business.com'. Under each user's email address, there is a 'Modify - Remove' link. A green button labeled '+ Create a new user' is located at the top right of the 'Users' table.

Name	Email	Actions
carlosroldan26396@gmail.com	carlosroldan26396@gmail.com	Modify - Remove
federicospitaleri@bitcoin4business.com	federicospitaleri@bitcoin4business.com	Modify - Remove

TIENDAS

En la pantalla de Tiendas podremos:

- Administrar tiendas.
- Cada tienda puede tener BTCPay Server Apps.
- De tal manera que una tienda puede tener diferentes puntos de venta (App).

The screenshot shows the 'Stores' section of the BTCPay web interface. At the top, there's a navigation bar with links for SERVER SETTINGS, STORES, APPS, WALLETS, INVOICES, PAYMENT REQUESTS, MY SETTINGS, and LOG OUT. Below the navigation is a header titled 'Stores' with a sub-instruction 'Create and manage store settings.' A green button labeled '+ Create a new store' is visible. The main area is titled 'Stores' and contains a table with columns for 'Name', 'Website', and 'Actions'. Below the table, there's a section titled 'Tea shop' featuring four tea products: Green Tea, Black Tea, Rooibos, and Pu Erh, each with a small image, a title, a detailed description, and a 'Buy for \$1.00' or '\$1.20' button.

Name	Website	Actions
Green Tea		
Black Tea		
Rooibos		
Pu Erh		

Tea shop

Green Tea
Lovely, fresh and tender, Meng Ding Gan Lu ('sweet dew') is grown in the lush Meng Ding Mountains of the southwestern province of Sichuan where it has been cultivated for over a thousand years.

Black Tea
Tian Jian Tian Jian means 'heavenly tippy tea' in Chinese, and it describes the finest grade of dark tea. Our Tian Jian dark tea is from Hunan province which is famous for making some of the best dark teas available.

Rooibos
Rooibos is a dramatic red tea made from a South African herb that contains polyphenols and flavonoids. Often called 'African redbush tea', Rooibos herbal tea delights the senses and delivers potential health benefits with each caffeine-free sip.

Pu Erh
This loose pur-erh tea is produced in Yunnan Province, China. The process in a relatively high humidity environment has mellowed the elemental character of the tea when compared to young Pu-erh.

APPS

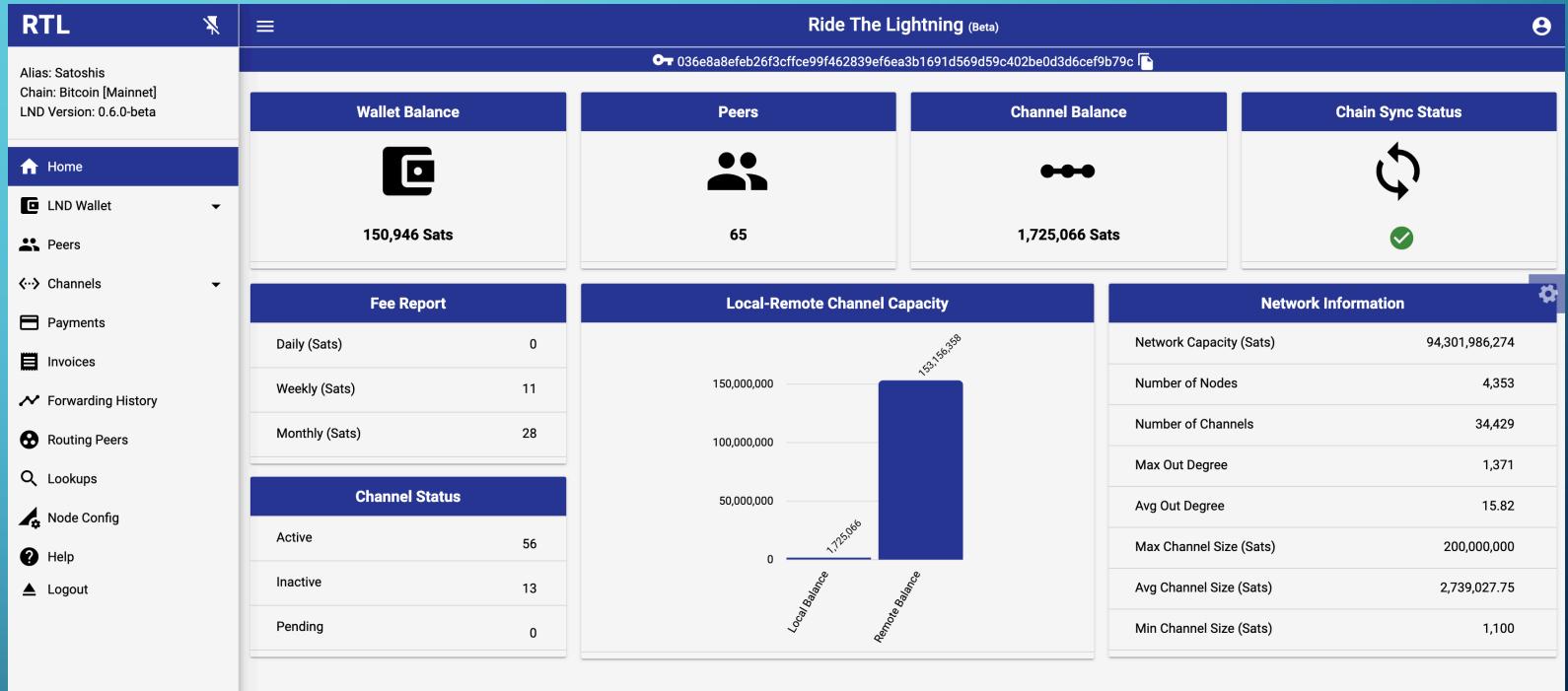
En la Ventana de Apps podremos:

- Crear Aplicaciones de nuestros tiendas.
- Aplicaciones:
 - Punto de Venta (Pos)
Punto de venta para realizar pagos de productos o servicios.
 - Campaña de crowdfunding
Campaña de crowdfunding al publico mediante Bitcoin usando Lightning Network

The screenshot shows the BTCPay Server interface. At the top, there's a navigation bar with links for SERVER SETTINGS, STORES, APPS, WALLETS, INVOICES, PAYMENT REQUESTS, MY SETTINGS, and LOG OUT. The main area is titled "Apps" with the sub-instruction "Create and manage apps." Below this is a table header with columns for Store, Name, App type, and Actions. A button "+ Create a new app" is located at the top left of the table area. In the center, there's a large orange box containing a crowdfunding page for "Test Crowdfunding". The page indicates it starts in 22 days and has a goal of 30000 EUR Softcap Goal. It shows 0.00 EUR Raised, 0.00% Of Goal, 0 Contributors, and 21 days Left to start. The title "Crowdfunding showcase - AKA no custodial" is followed by a long block of placeholder text: "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum." On the right side of the orange box, there's a "Contribute" section with three buttons: "Buy me a coffee" (1 EUR), "Buy me a dinner" (15 EUR), and "Buy me a Tesla" (50000 EUR). At the bottom of the orange box, it says "Updated Today at 5:58 PM" and has checkboxes for "Animations" and "Sounds".

RIDE THE LIGHTNING APP

- Administra a fondo las propiedades de tu nodo LN.
- Procesa pagos, Genera recibos de pago, ajusta canales de pago y muchas mas opciones técnicas para administrar las capacidades de tu nodo LN.



ECOSISTEMA

- Nueva tecnología == nuevas oportunidades/modelos de negocio.
- Crecimiento exponencial acelerado.

