



# OceanDrive

## Infura

### User Guide



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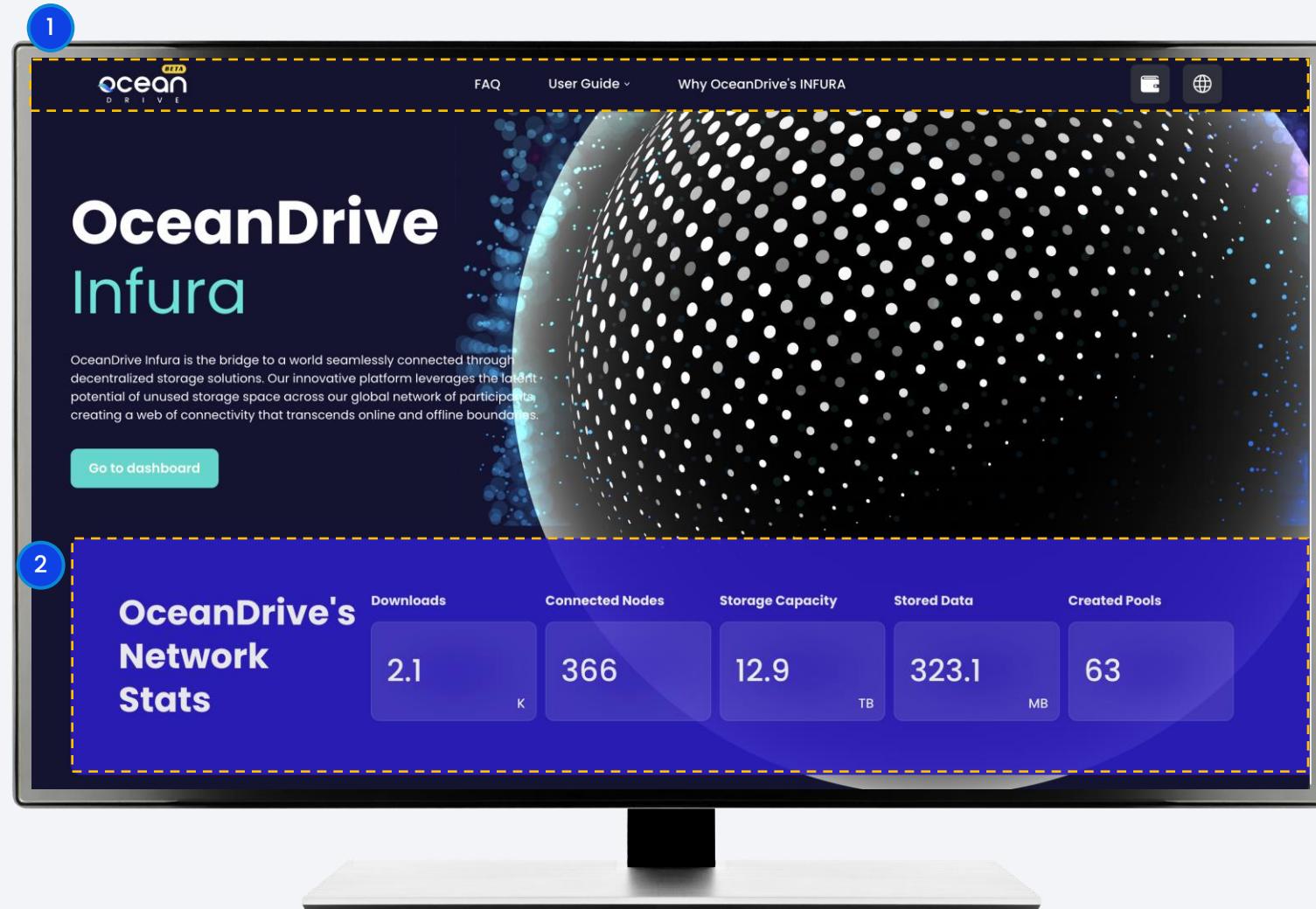
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## 01. 홈페이지

**ocean**  
D R I V E



1. 헤더 [ FAQ / 유저가이드 / 왜 OceanDrive의 INFURA인가 / 가입하기 / 로그인 / 지갑연결,언어 ]
2. OceanDrive의 네트워크통계

## Connect to Decentralized Storage

Unlike traditional centralized storage systems, OceanDrive is decentralized. This means that your data isn't stored in a single, vulnerable location but is distributed across multiple nodes within the network. This decentralization reduces the risk of data loss or unauthorized access. Even if one node goes offline, your data remains accessible from other nodes.

## Cost

Save big on storage costs with OceanDrive Infura. We harness the untapped storage resources of our network, bringing you a cost-effective storage solution that doesn't break the bank.



## Global Storage Connection

OceanDrive builds bridges around the globe, connecting your data seamlessly. Whether you're online or offline, your data is just a click away, no matter where you are in the world.

## Security

At OceanDrive Network, your data's safety is paramount. We employ cutting-edge encryption and decentralized storage, ensuring that your files are shielded from unauthorized access at all times. Your peace of mind is our priority.

## OceanDrive Infura empowers

your business by providing a robust and secure decentralized storage and synchronization platform. We help you work efficiently, deliver content seamlessly, and foster innovation across the globe, ensuring your data is accessible and protected wherever you go.

**01 Worldwide**

**02 Empower**

**03 Developer**

**04 Data Assurance**

### Worldwide

OceanDrive Infura provides secure and accessible decentralized storage solutions that function as a global storage network, bringing together storage resources from around the world.

1. 오션드라이브 인프라의 가능성



# Why OceanDrive Infura?



## Decentralized Storage

OceanDrive Infura is at the forefront of the decentralized storage revolution. Unlike traditional centralized storage solutions that come with inherent security and privacy risks, OceanDrive leverages the power of blockchain and decentralized networks to provide a secure, private, and reliable storage platform. By decentralizing data across a network of nodes, OceanDrive ensures that your data remains resilient against single points of failure and minimizes the risk of data loss.



## Gateway and Storage Provider

OceanDrive Infura acts as a gateway to a vast network of storage providers. These providers contribute their storage capacity to the OceanDrive network, ensuring that you have ample space to store your data securely. By connecting with OceanDrive Infura, you gain access to this network of storage resources, offering scalability and flexibility to meet your storage needs. Whether you require a small amount of space or a significant storage capacity, OceanDrive Infura can accommodate your requirements.



## Accessibility and Availability

One of the core benefits of OceanDrive Infura is the unparalleled accessibility and availability it offers. Your stored data is accessible from anywhere with an internet connection, making it a truly global storage solution. Whether you're at home, in the office, or on the go, your important files and documents are just a few clicks away. Plus, OceanDrive's decentralized nature means that your data is always available, even if some nodes in the network go offline. This ensures that you can retrieve your data whenever you need it, without worrying about downtime or data loss.

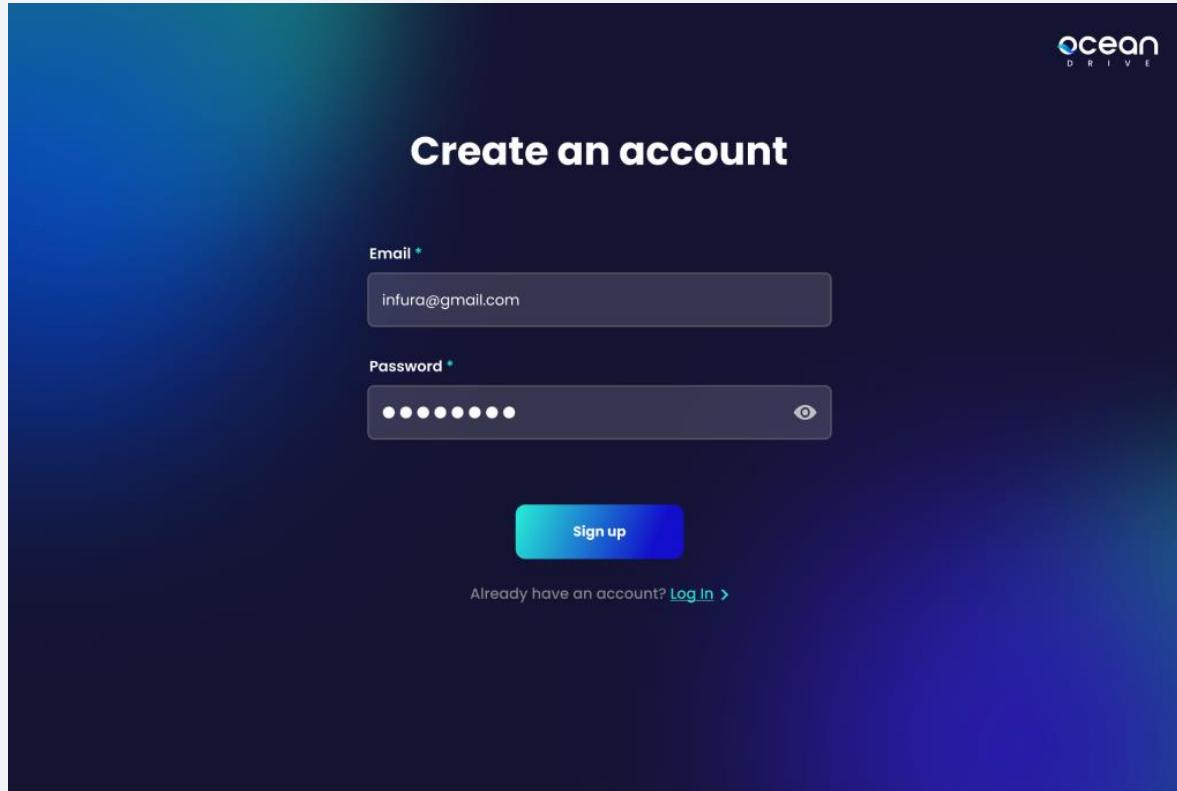


## Infura Dashboard

The Infura Dashboard is your command center for managing your OceanDrive experience. It provides an easy-to-navigate interface where you can control your storage, explore shared assets, and monitor your usage. From the dashboard, you can initiate storage pool creation, track rewards, and manage your data encryption settings. It's designed to be user-friendly and informative, giving you complete visibility and control over your OceanDrive Infura account.

1. 분산형 스토리지
2. 게이트웨이 및 스토리지 공급자
3. 접근성 및 가용성
4. Infura 대시보드

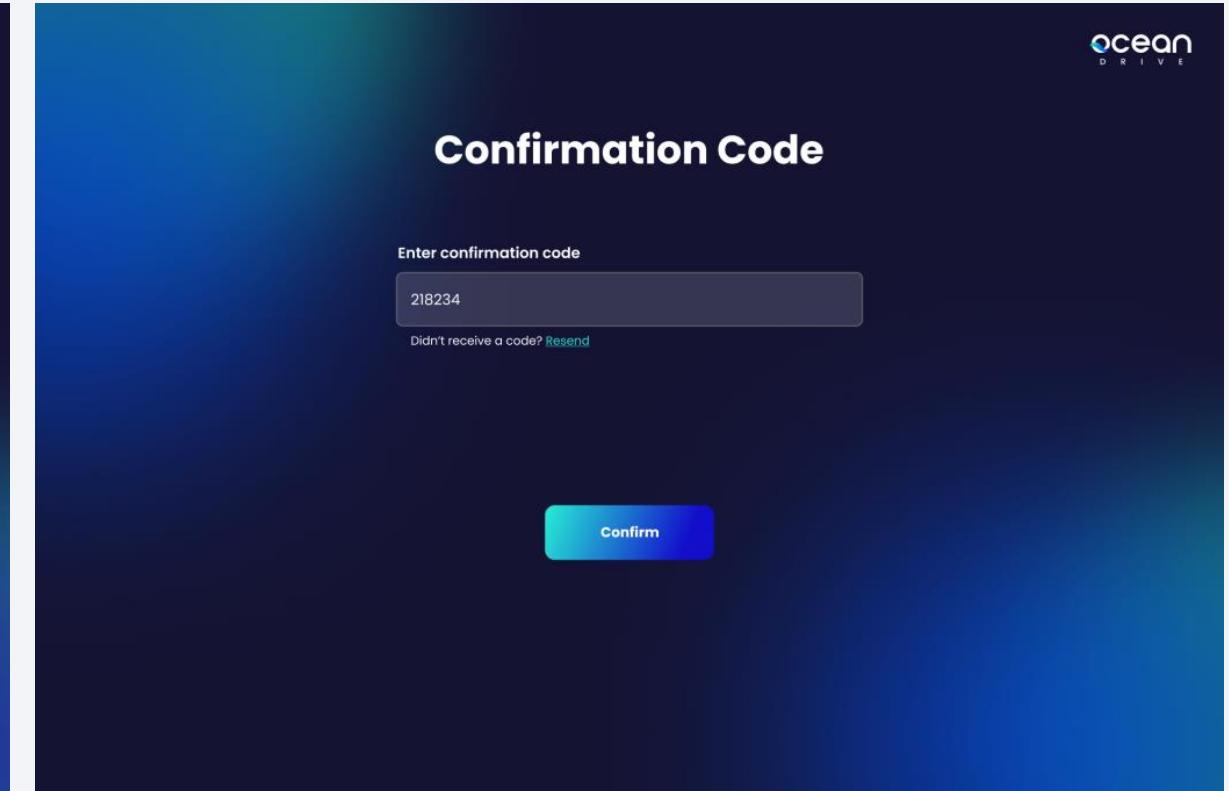
### 03. 가입하기 / 로그인



The screenshot shows the 'Create an account' page. At the top right is the Ocean Drive logo. Below it, the title 'Create an account' is centered. There are two input fields: 'Email \*' containing 'infura@gmail.com' and 'Password \*' containing masked text. A 'Sign up' button is at the bottom, and a link 'Already have an account? [Log in >](#)' is at the very bottom.

#### Step 1.

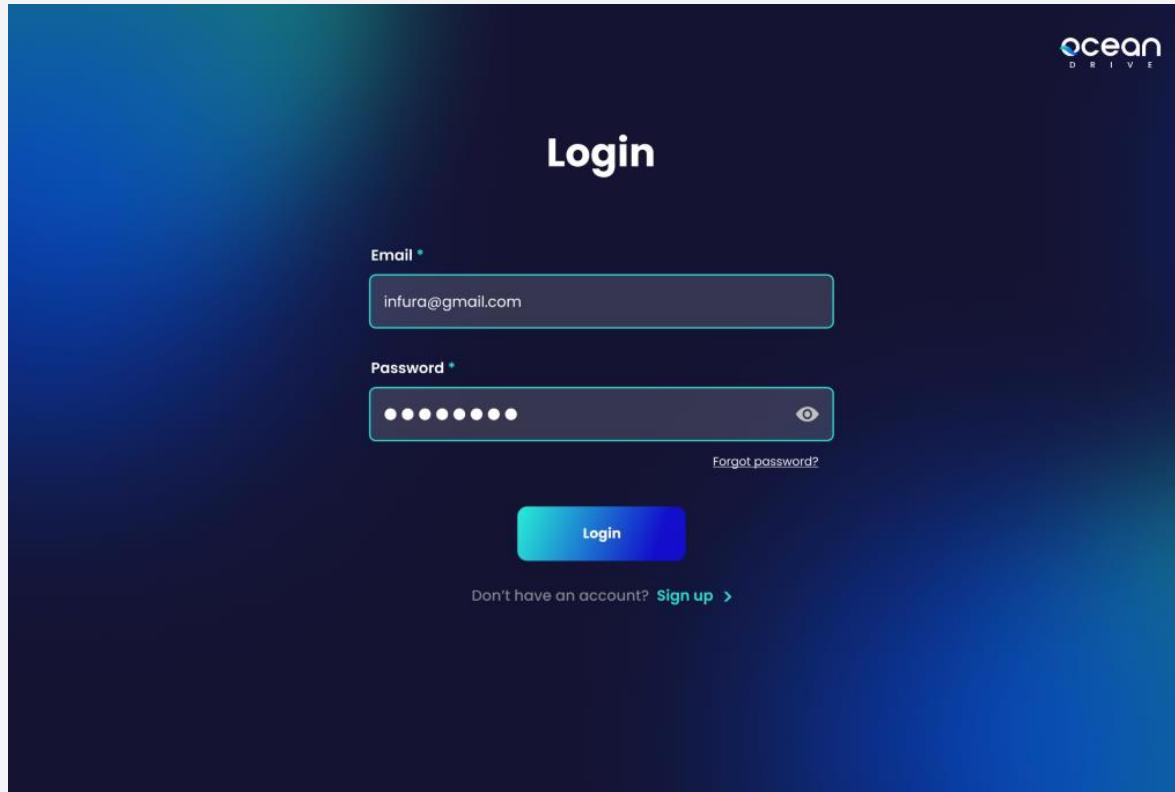
1. 이메일을 입력하세요 (필수)
2. 비밀번호를 입력하세요 (필수)
3. 회원가입 버튼을 클릭하세요



The screenshot shows the 'Confirmation Code' page. At the top right is the Ocean Drive logo. Below it, the title 'Confirmation Code' is centered. There is an input field labeled 'Enter confirmation code' containing '218234'. Below the input field is a link 'Didn't receive a code? Resend'. A 'Confirm' button is at the bottom.

#### Step 2.

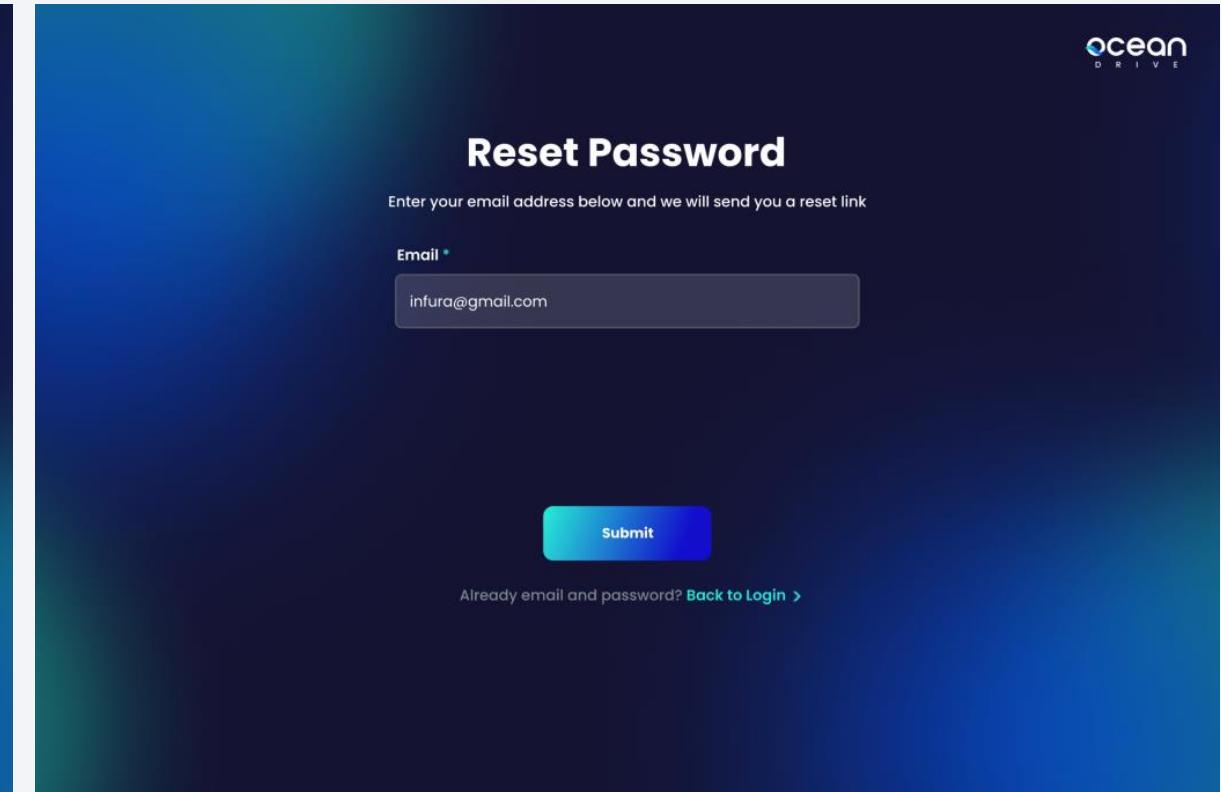
1. 이메일로 전송된 인증번호를 확인 후 입력 필드에 입력하세요.
2. 코드를 받지 못한 경우 '재전송'을 클릭한 후 이메일에서 새 코드를 확인하세요.
3. 확인 버튼을 클릭하세요. 등록한 경우 성공적으로 로그인 페이지로 이동됩니다.



The login page features a dark blue gradient background. At the top right is the Ocean Drive logo. Below it, the word "Login" is centered in a large white font. Two input fields are present: one for "Email" containing "infura@gmail.com" and another for "Password" showing a masked input. A "Forgot password?" link is located below the password field. A prominent blue "Login" button is at the bottom. At the very bottom, there's a link "Don't have an account? [Sign up >](#)".

### Step 1.

1. 이메일을 입력하세요 (필수)
2. 비밀번호를 입력하세요 (필수)
3. 로그인 버튼을 클릭하세요. 성공하면 대시보드 페이지로 이동됩니다.
4. 비밀번호를 잊으셨다면 '비밀번호 찾기'를 클릭하세요.

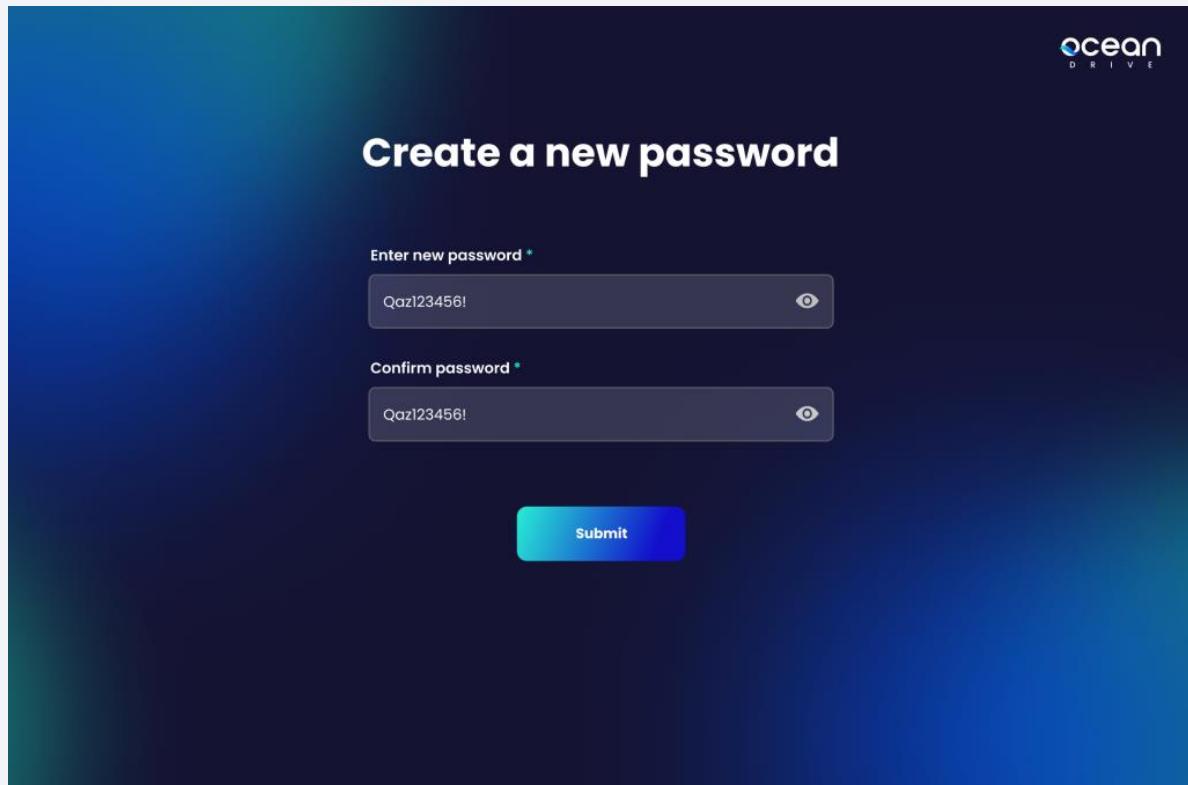


The reset password page has a dark blue gradient background. The Ocean Drive logo is at the top right. The title "Reset Password" is centered in a large white font. Below it, a sub-instruction "Enter your email address below and we will send you a reset link" is displayed. An "Email" input field contains "infura@gmail.com". A "Submit" button is at the bottom. At the very bottom, there's a link "Already email and password? [Back to Login >](#)".

### Step 2.

1. 이메일을 입력하세요 (이메일 - 계정등록시 1번)
2. 확인 버튼을 클릭하고 이메일을 확인하세요. 링크를 받으셨을 것입니다.
3. 이메일에 있는 링크를 클릭하면 다음 페이지로 이동됩니다. 새 비밀번호를 만드세요.

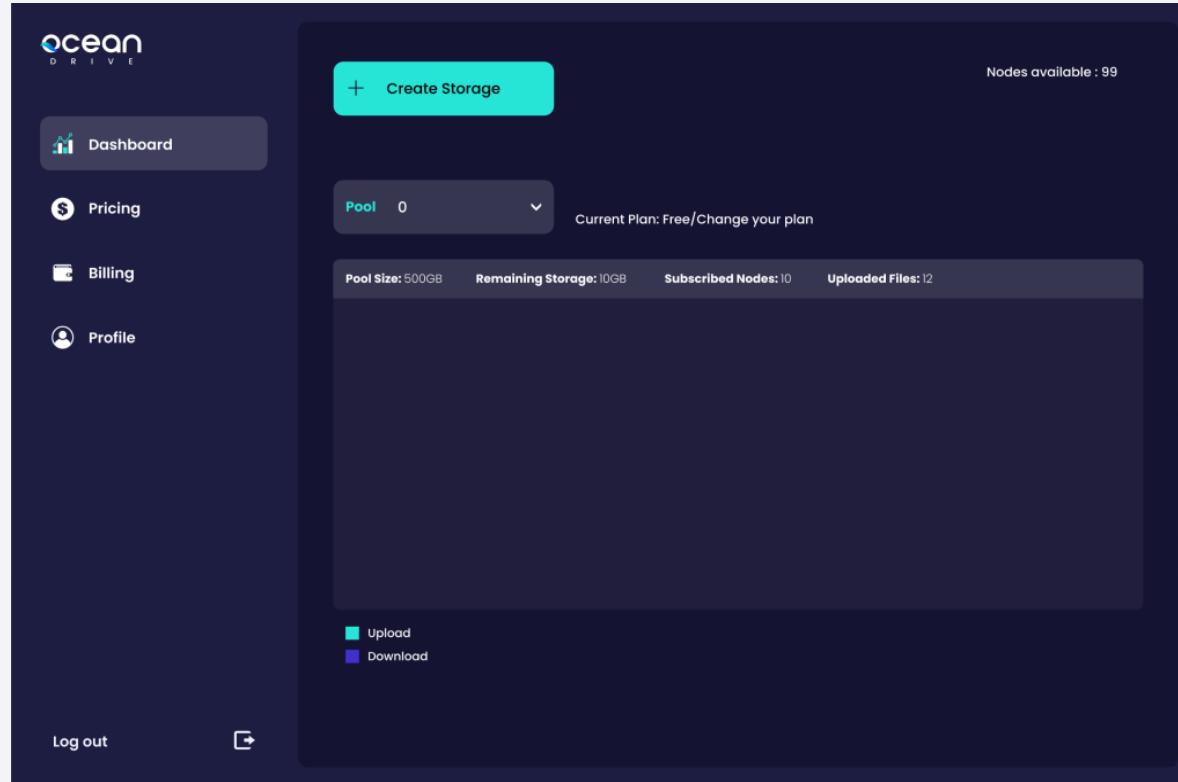
### 03. 가입하기 / 로그인



#### Step 1. 새 비밀번호 만들기

1. 새로운 비밀번호를 입력하세요 (필수)
2. 새로운 비밀번호를 확인해주세요 (필수)
3. 확인 버튼을 클릭하세요. 성공하면 로그인 페이지로 이동됩니다.

## 04. 대시보드



1 스토리지 생성 버튼 –  
클릭하면 가격  
책정 페이지로 이동됩니다.

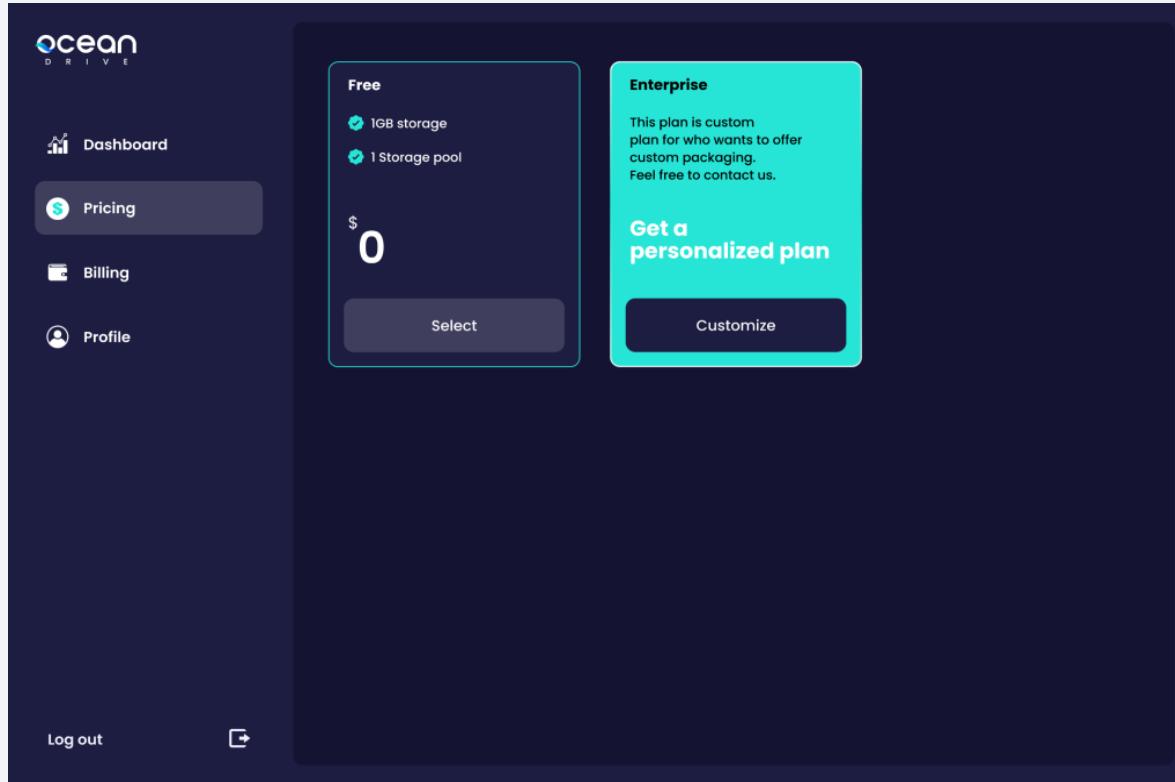
2 풀 선택 가능 버튼 –  
클릭하면 선택한 풀 통계  
또는 모든 풀 통계를 볼 수  
있습니다.

3 풀 통계 -  
풀 사이즈, 남은 스토리지,  
구독 노드, 업로드된 파일

4 풀 차트 -  
보기 2개:  
녹색- 업로드된 파일,  
진한 분홍색- 선택한 풀에  
다운로드된 파일

5 사용 가능한 노드수

## 05. 가격



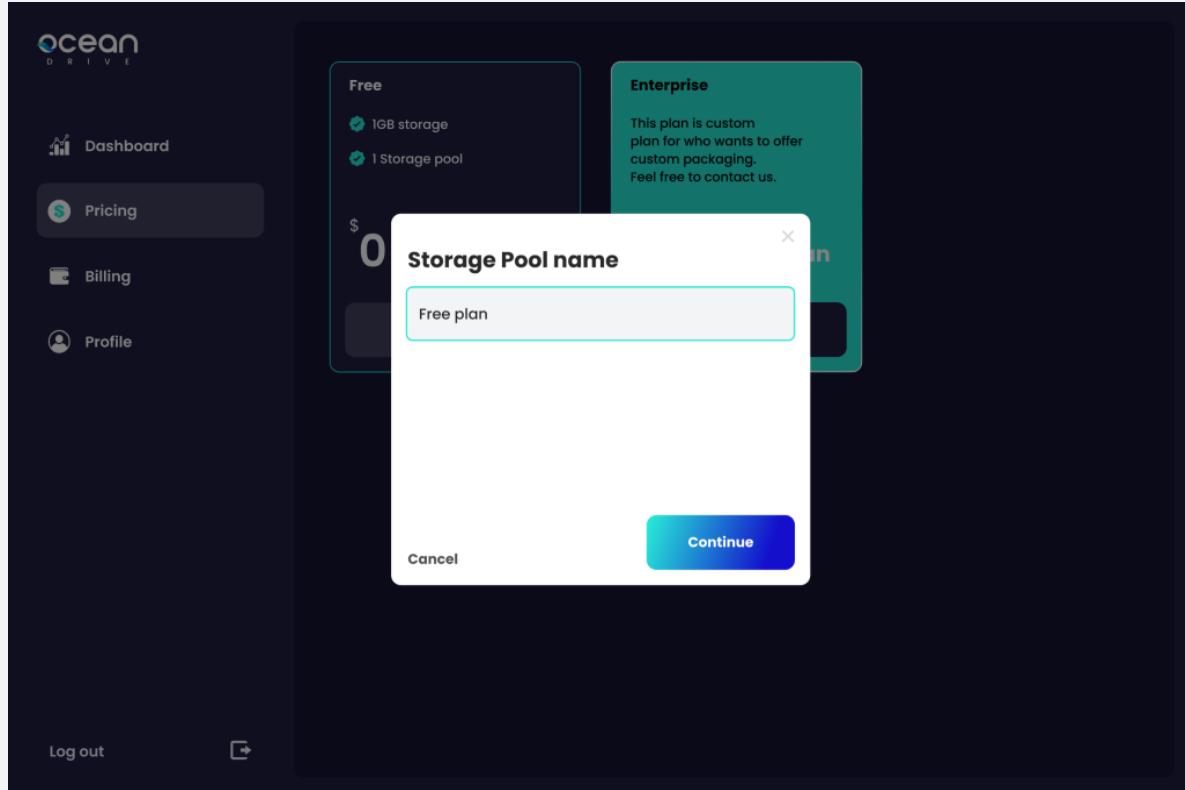
### 1 사용 가능한 카드 2개 - 무료 및 기업용

1. 무료 - 100GB 스토리지, 1핀 복제
2. 엔터프라이즈 - 맞춤형 포장을 만들고 싶은 분들을 위한 맞춤형 플랜

### 2 1. 무료 플랜을 선택하면 게이트웨이 모달이 열려 계속해서 구독을 확인합니다.

2. 엔터프라이즈 플랜을 선택하면 풀 양식 페이지로 이동됩니다. (지갑이 연결되어 있는 경우에만 해당됩니다. 그렇지 않으면 지갑 연결 페이지로 이동됩니다.)

## 05. 가격 - 무료 플랜 선택



### Step 1.

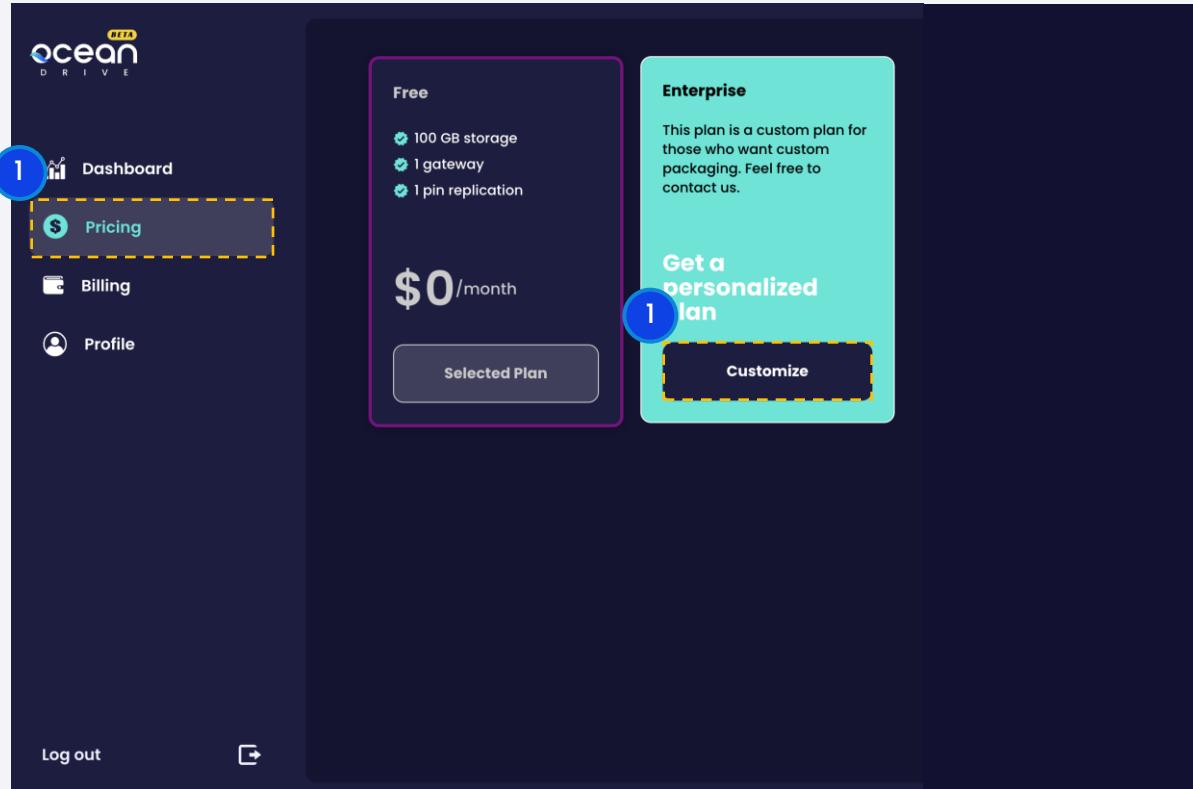
1. 계속하려면 스토리지 폴 이름을 입력하세요.
2. 확인 버튼을 클릭하세요. 성공하면 구독 확인 페이지로 이동됩니다.  
실패되면 새 폴 이름을 입력하세요.

The screenshot shows the 'Confirm Subscription' page. It has fields for 'Pool Name' (with placeholder 'Please enter your Pool Name'), 'Pool Size' (with placeholder 'Please enter your Pool Size'), 'Gateway' (set to 'https://public.oceandrive.network'), and 'Pin Replication' (set to '1'). Below these is a 'Pool price' field containing 'Free'. At the bottom right is a large green 'Submit' button.

### Step 2.

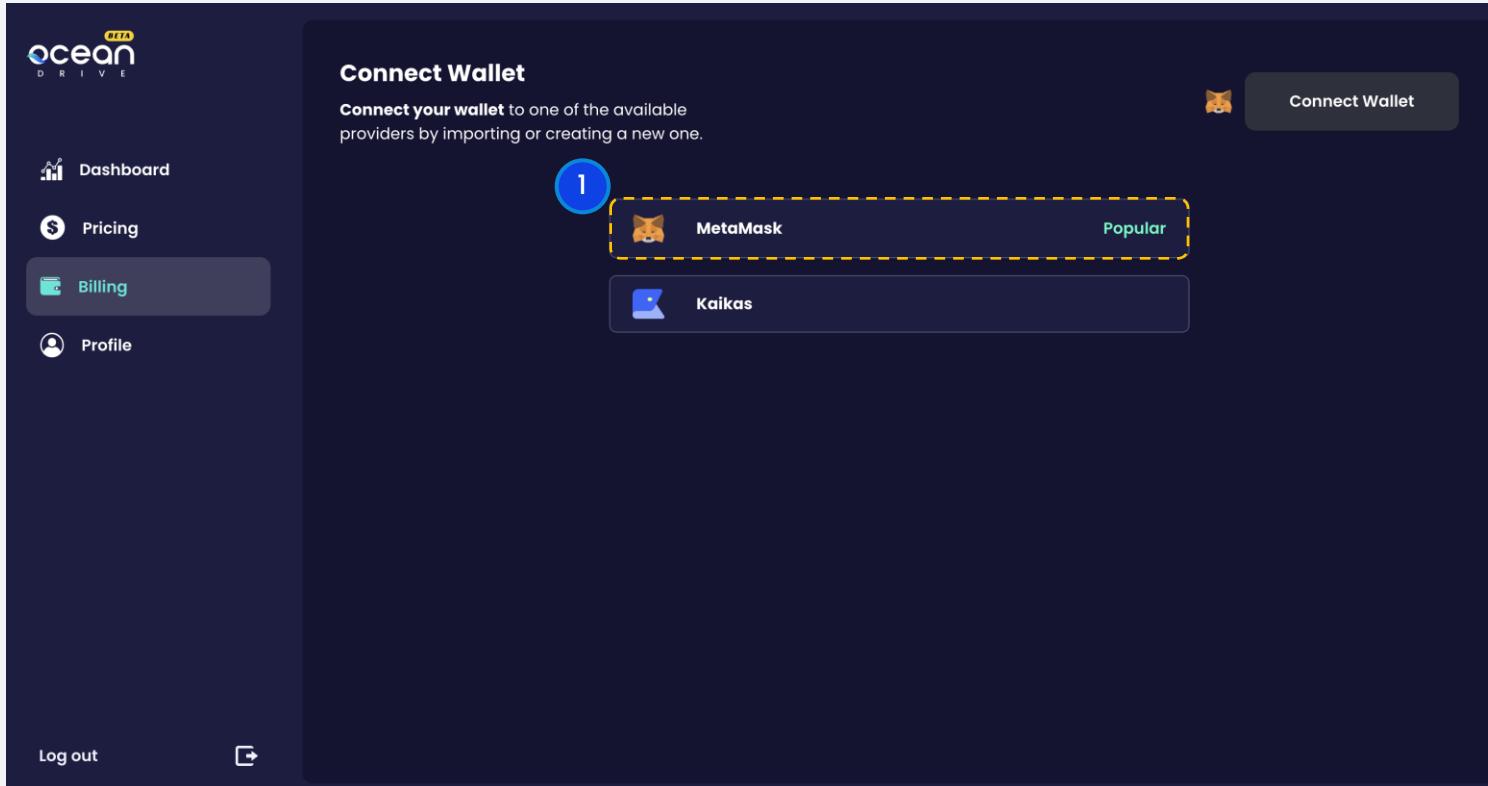
1. 구독 확인에서 확인 버튼을 클릭하세요. 성공하면 프로필 페이지로 이동됩니다.

## 05. 가격 - 엔터프라이즈 플랜 선택



### 1 Step 1.

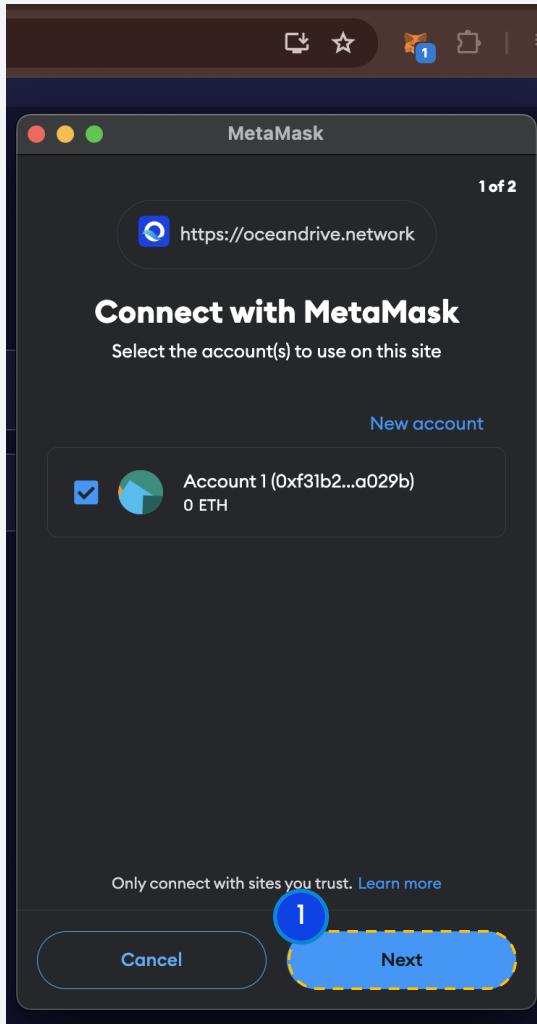
엔터프라이즈 플랜을 선택하면 풀 양식 페이지로 이동됩니다.  
(지갑이 연결되어 있는 경우에만 해당됩니다. 그렇지 않으면 지갑 연결  
페이지로 이동됩니다.)



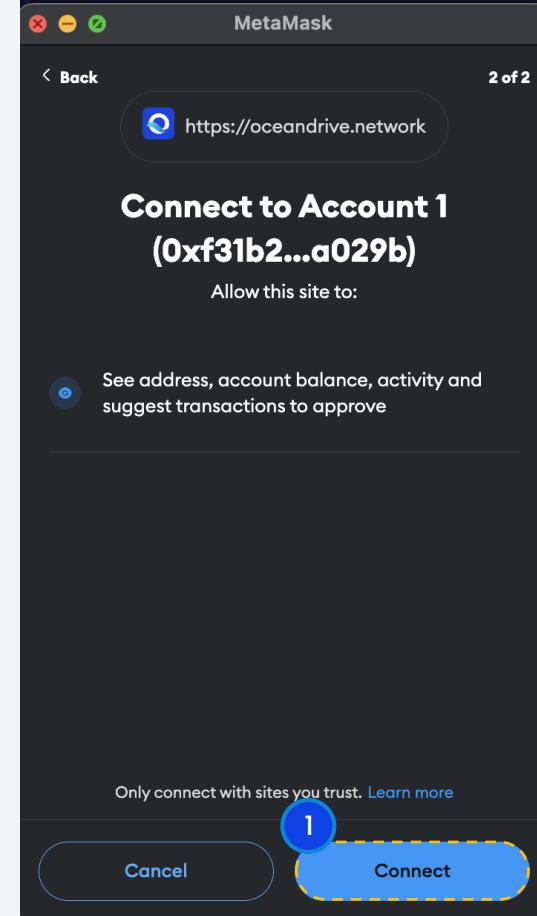
### 1 Step 1.

먼저 [MetaMask] 버튼을 클릭하세요. 메타마스크가 설치 되어 있지 않으면 바로 메타마스크 메인 사이트로 이동합니다.

## 06. 지갑연결 2



2 Step 2.  
[Next] 버튼을 클릭하세요.



3 Step 3.  
[Connect] 버튼을 클릭하세요.

## 06. 지갑연결 3

The screenshot shows the Ocean Drive web interface. On the left is a sidebar with 'ocean DRIVE' logo, 'Dashboard', 'Pricing', 'Billing' (selected), and 'Profile'. At the bottom are 'Log out' and a refresh icon. The main area has a dark background with a 'Pool Form' title. It contains fields for 'Pool Name \*' (input: 'Enter pool name'), 'Pool Size \*' (input: 'Enter pool size', dropdown: 'GB'), 'Period \*' (dropdown: 'Select a time period'), and 'Estimated Pool price in CYCON \*' (input: 'Enter pool price'). A large blue button labeled 'Submit' is at the bottom right. A yellow dashed box highlights a success message: '4 Successful connection to MetaMask wallet.' with a green checkmark icon.

4

### Step 4.

메타마스크 지갑에 성공적으로 연결 되었다는 팝업이 나타납니다.

### Pool Form

Pool Name \*

Pool Size \*

100 GB

Period \*

1 month

Estimated Pool price in CYCON \*

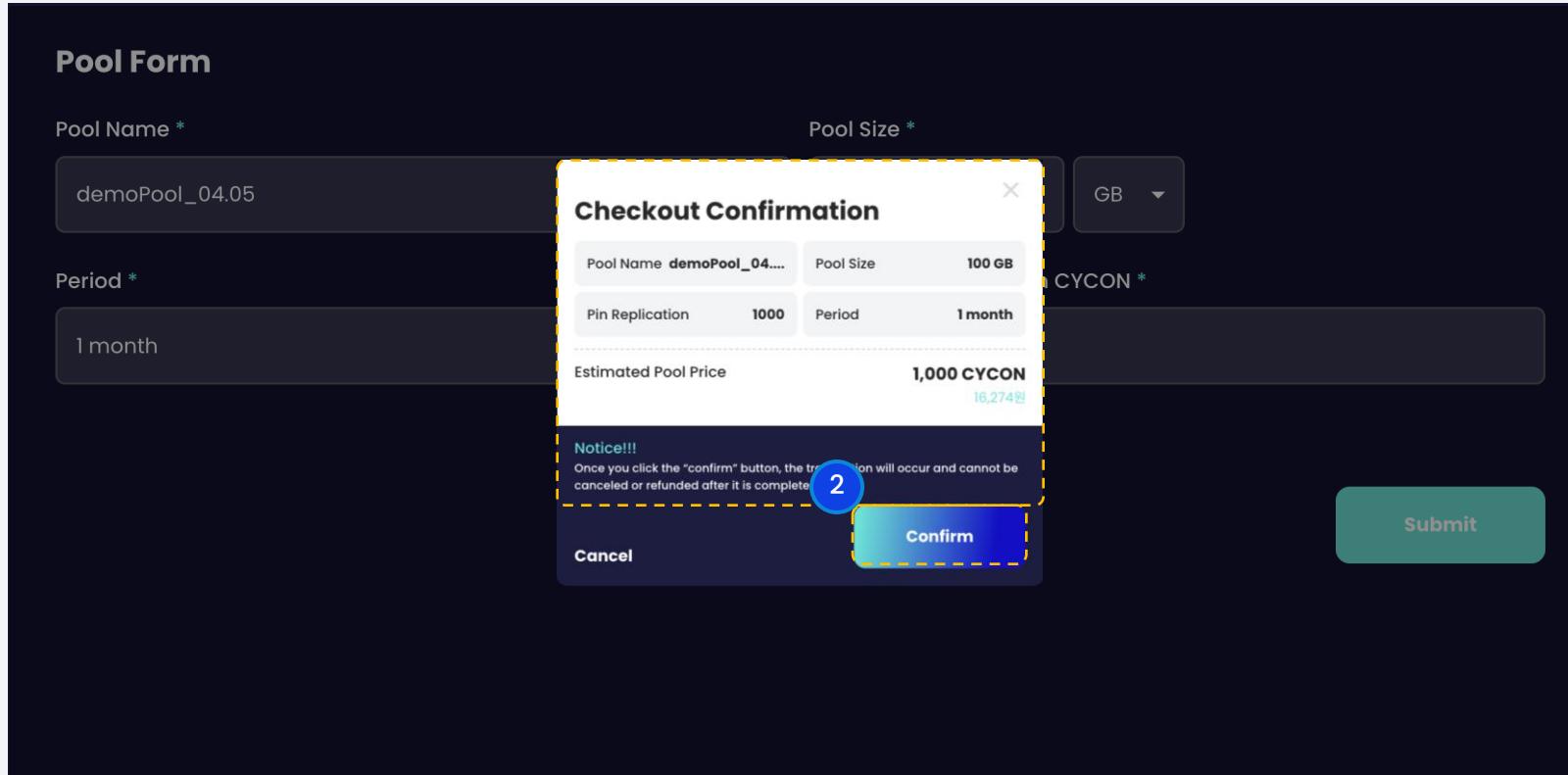
1,000

1 Submit

This image shows a screenshot of a web-based form titled "Pool Form". The form contains several input fields: "Pool Name" with the value "demoPool\_04.05", "Pool Size" set to "100 GB", "Period" set to "1 month", and "Estimated Pool price in CYCON" set to "1,000". At the bottom right is a large blue "Submit" button. To the left of the "Submit" button is a blue circle containing the number "1", indicating the first step in a process.

#### Step 1.

필수 내용을 입력하고 [ Submit ] 버튼을 클릭하세요.

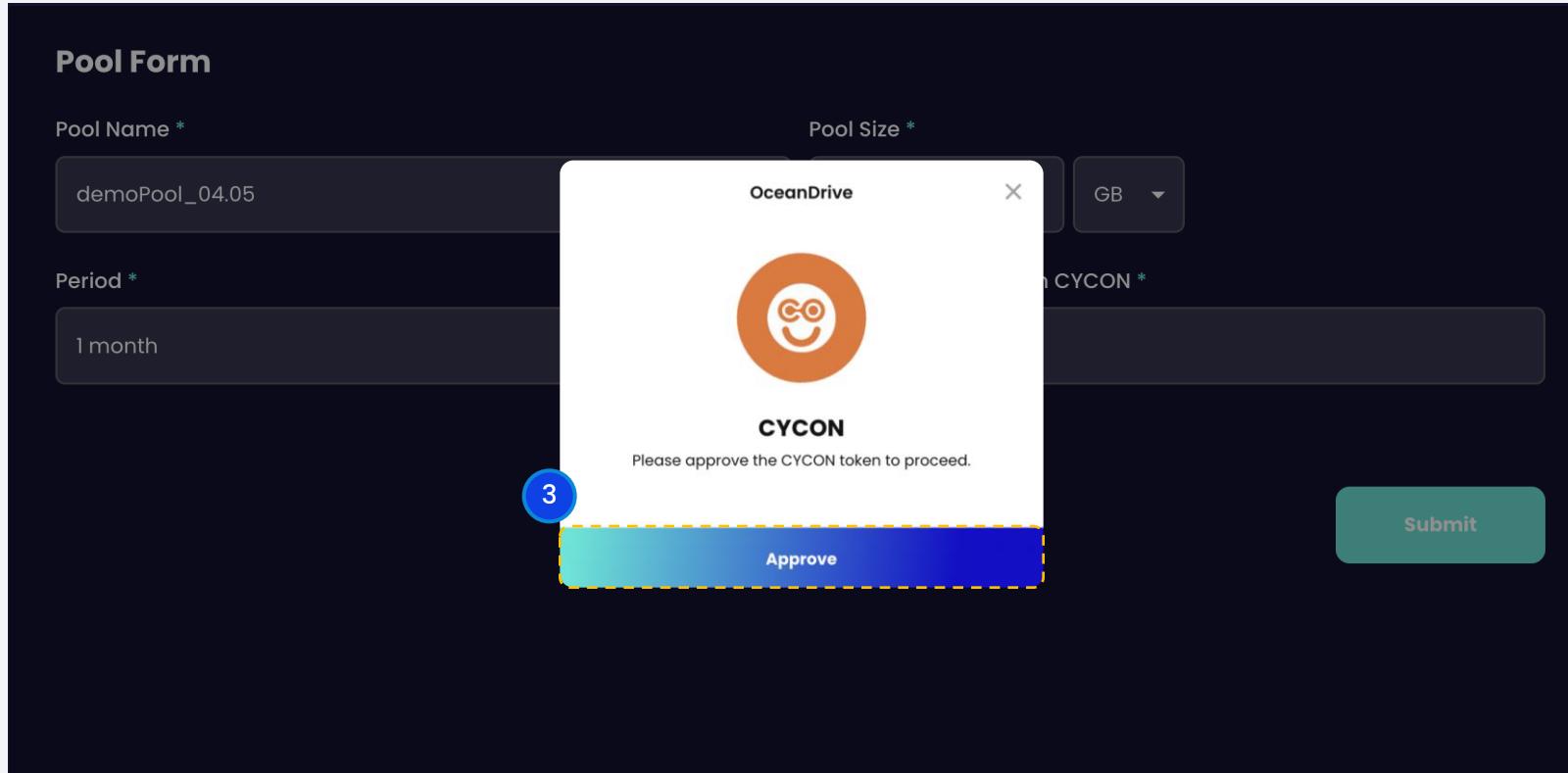


2

### Step 2.

필수 내용을 입력하고 [ Submit ] 버튼을 클릭하세요.

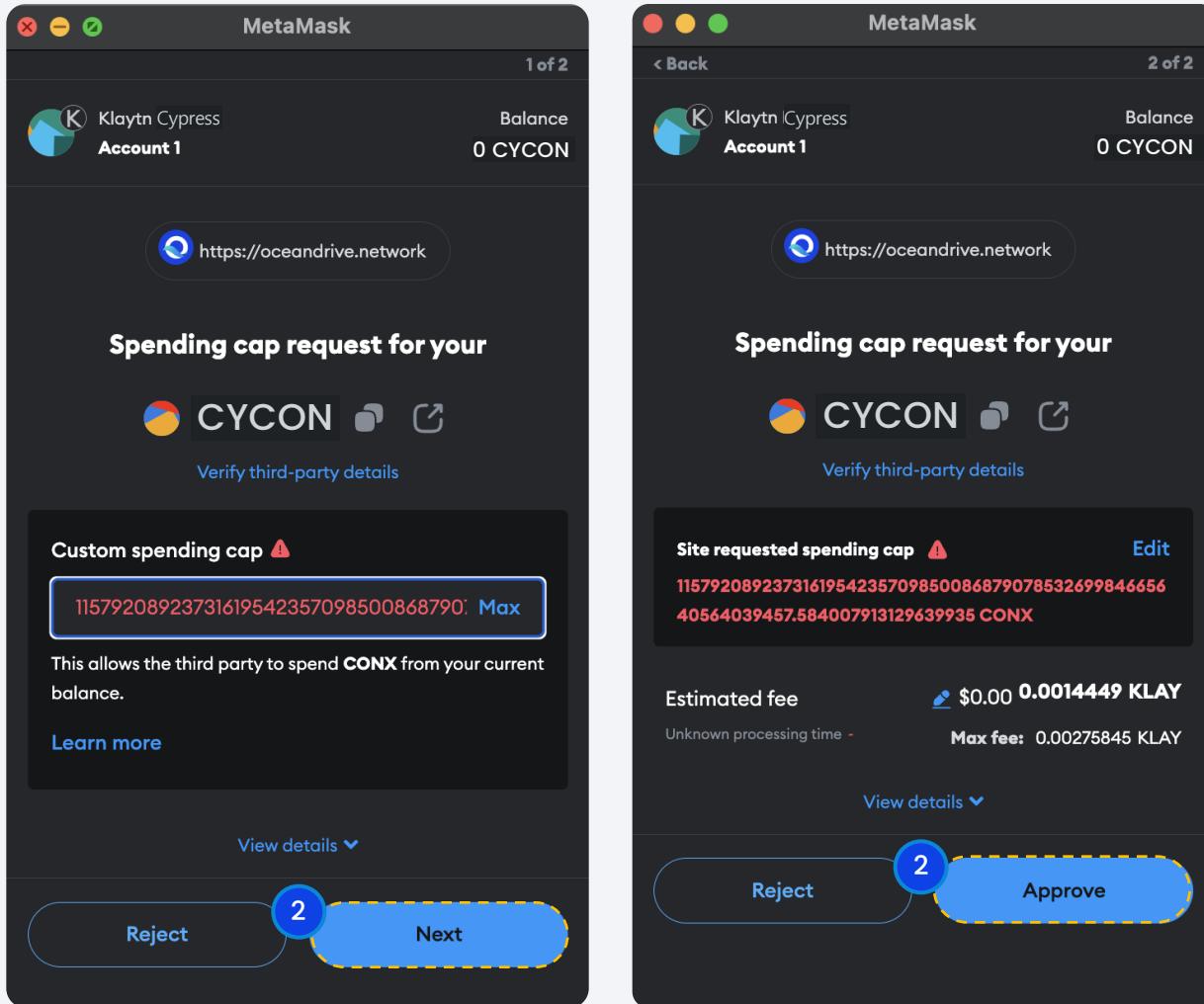
## 07. 가격 - 풀생성3



### Step 3.

처음 풀을 생성하는 사용자는 CYCON 토큰에 대한 승인이 필요합니다.  
이때 가스 비용으로 KLAY가 필요합니다. [Approve] 버튼을 클릭하세요.

## 07. 가격 - 풀생성4

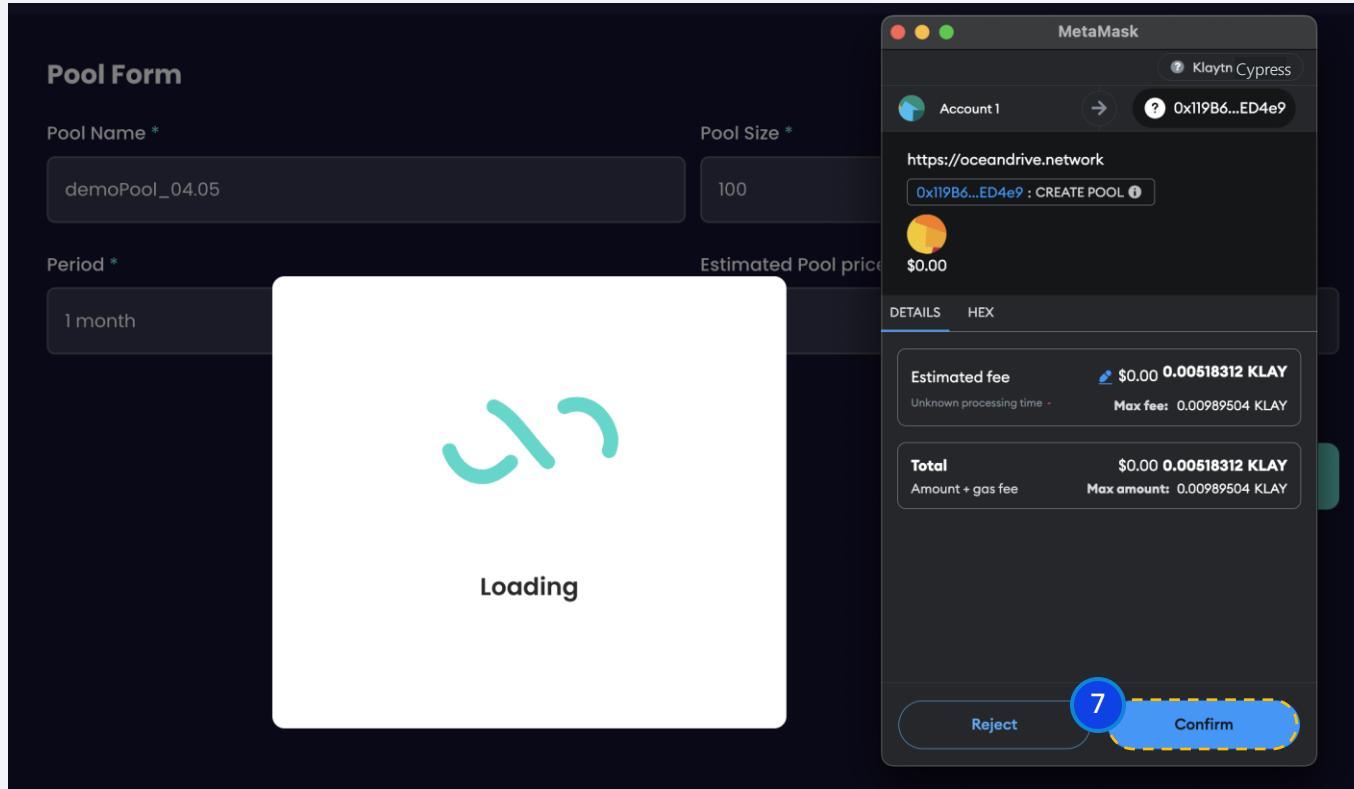


### 4 Step 4.

이는 제3자가 현재 잔액에서 CYCON을 소비할 수 있게 합니다.  
[Next] 버튼을 클릭하세요.

### 5 Step 5.

메타마스크 쪽에서 제3자가 현재 잔액에서 CYCON을 소비할 수 있게라는에 대한 승인이 필요합니다. [Approve] 버튼을 클릭하세요.



6

**Step 6.**

풀을 생성할때마다 가스 비용으로 KLAY가 잔액에 있어야 합니다.  
[Confirm] 버튼을 클릭하세요.

**Pool Form**

Pool Name \* demoPool\_04.05

Pool Size \* 100 GB

Period \* 1 month

Estimated Pool price in CYCON \*

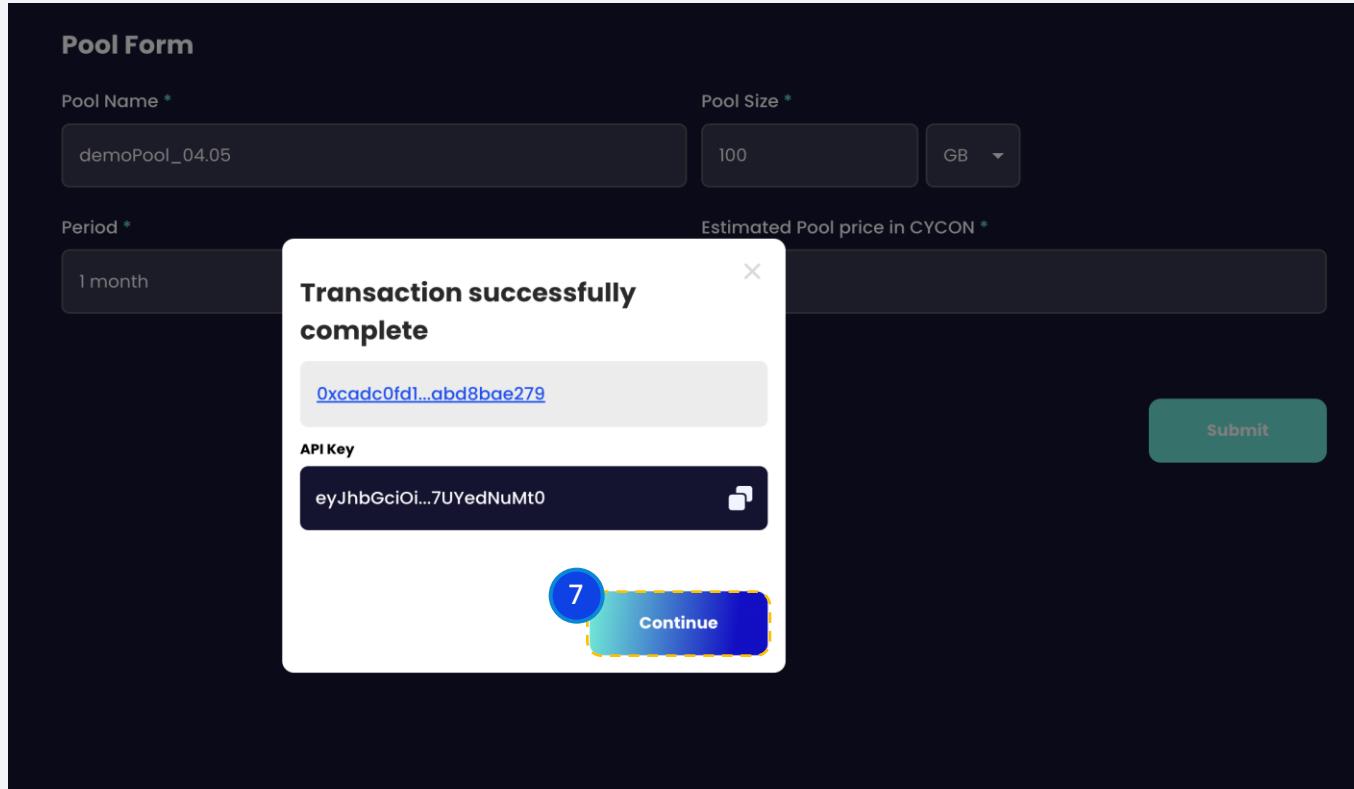
**Transaction successfully complete**

0xcadc0fd1...abd8bae279

API Key eyJhbGciOi...7UYedNuMt0

Submit

7 Continue



7

### Step 7.

거래가 성공적으로 완료되면 팝업창이 뜨며, API Key를 복사하실 수 있습니다.  
[Continue] 버튼을 클릭하시면 프로필 페이지로 이동됩니다.

## 08. 프로필

The screenshot shows the Ocean Drive web interface at [conun.oceandrive.network/main/profile](https://conun.oceandrive.network/main/profile). The left sidebar has navigation links: Dashboard, Pricing, Billing, Profile (which is highlighted), and Log out. The main content area is titled 'Gateway' and displays a table of pool information. A yellow dashed box highlights the 'My Account' section in the header and the table below. Numbered callouts point to specific elements: '1' points to the 'My Account' section, and '2' points to the table header.

Domain	Pool Name	Access	Price	Created
infura-mainnet.oceandrive.network	TestPool_0417_2	Open	Paid	2024.04.17 11:09
infura-mainnet.oceandrive.network	TestPool_0417	Open	Paid	2024.04.17 01:57
infura-mainnet.oceandrive.network	TestPool_0416	Open	Paid	2024.04.17 01:54
infura-mainnet.oceandrive.network	Pool_NewContract	Open	Paid	2024.04.13 21:53

### 1 Step 1.

1. 헤더 - 등록된 이메일과 연결된 지갑 주소입니다.
2. 게이트웨이 아래의 모든 풀 테이블 - 엔터프라이즈 및 무료 풀

## 08. 프로필2

The image consists of two side-by-side screenshots of the Ocean Drive web interface, both showing a dark-themed dashboard.

**Left Screenshot (File History):**

- Header: conun.oceandrive.network/main/profile/661eade9702547c206473673/file-upload
- Left sidebar: Dashboard, Pricing, Billing, Profile (highlighted).
- Top navigation: Back, Forward, Home, Search, Favorites, Help.
- Main area:
  - Section: File History
  - Table:

Name	Type (jpg, png, zip etc.)	Size	Created Date	Content ID
OceanDrive 추가사본 2024.02.07	x-iwork-keynote-sffkey	0.82MB	April 17, 2024, 01:57:35	bafybe...vuma
  - Buttons: Download, Upload / Drop.
- Bottom: Log out, Help.

**Right Screenshot (Details):**

- Header: conun.oceandrive.network/main/profile/661eade9702547c206473673/file-upload
- Left sidebar: Dashboard, Pricing, Billing, Profile.
- Top navigation: Back, Forward, Home, Search, Favorites, Help.
- Main area:
  - Section: Details
  - Form fields:

Pool Name	TestPool_0417	Pool Size	100GB
Gateway	https://infura-mainnet.oceandrive.network	Period	3 months
Pool price in CYCON	110	API Key	[REDACTED]
  - Buttons: Change plan.
- Bottom: Log out, Help.

### Step 1.

Files 탭에서 파일을 올리고 다운 받을 수 있습니다.

### Step 2.

1. Security 탭을 클릭하면 풀 이름, 사이즈, 게이트웨이, 기간, 가격, API 키, 등 세부 정보 페이지로 이동됩니다.
2. 플랜 변경 버튼을 클릭하면 가격 페이지로 이동됩니다.

## 09. 빌링

The left screenshot shows the 'Invoice History' page on the Ocean Drive Billing interface. It lists four invoices:

Date	Contract ID	Amount	Status	Plan
April 13, 2024	Pool_NewContract	100	Paid	Custom plan
April 17, 2024	TestPool_0416	100	Paid	Custom plan
April 17, 2024	TestPool_0417	110	Paid	Custom plan
April 17, 2024	TestPool_0417_2	120	Paid	Custom plan

The fourth invoice, 'TestPool\_0417\_2', is highlighted with a yellow dashed box.

The right screenshot shows the transaction details for the invoice from April 17, 2024, on the klaytnscope.com interface. The transaction hash is 0x0239ac0470c96f91ecf9c2a1066e7dfa4b815ab0b073b7c05195517178d13154. The transaction overview is as follows:

TX Type	Ethereum Dynamic Fee	Amount	KLAY
Block #	151028088	Gas Price	0.000000525 KLAY (52.5 ston)
From	0xa8acb53f9387a838e910e29f44e97e40b56d54ed	Effective Gas Price	0.000000025 KLAY (25 ston)
To	0x82d4e81f36692fb3903819892a18481c1f30ab00	Gas Used	281,480
Token Transfers	2	Gas Limit	281,480
NFT Transfers	0	TX Fee	0.007037 KLAY
Time	3 days ago (Apr 13, 2024 21:52:47 / Local)	MethodSig	0x1377984f
Nonce	10	Method	createPool(uint256,uint256,uint256,uint256)

The 'Token Transfers' section shows two transfers:

Block #	Age	From	To	Token	Amount
151028088	3 days ago	0xa8acb53f9387a8...	0x82d4e81f36692f...	CONUN (CYCON)	90,000,000 CYCON
151028088	3 days ago	0xa8acb53f9387a8...	0xde66154cd382cc...	CONUN (CYCON)	10,000,000 CYCON

### Step 1.

빌링 페이지에서 청구서 내역 표를 확인할 수 있습니다. 해당 행을 클릭하시면 klaytnscope로 이동되며, 그곳에서 자세한 거래 내역을 확인하실 수 있습니다.

## 10. 로그아웃

Are you sure  
you want to log out?



Cancel

Confirm

### Step 1.

확인 버튼을 클릭하면 현재 사용자는 로그아웃되고 홈페이지로 이동됩니다.



# Thank you

