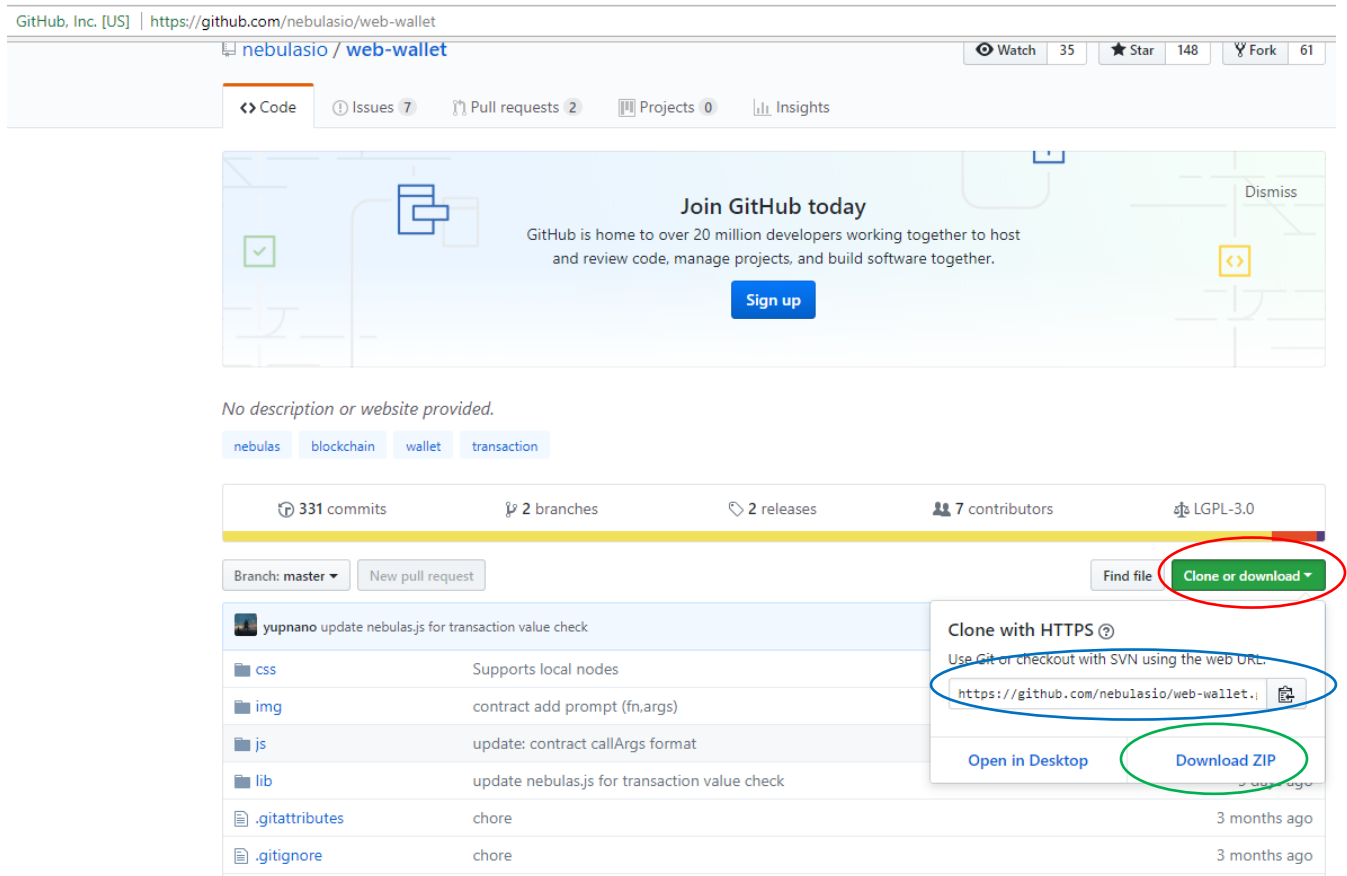


Creating A NAS WALLET

Step 1 (Downloading NAS Web Wallet):

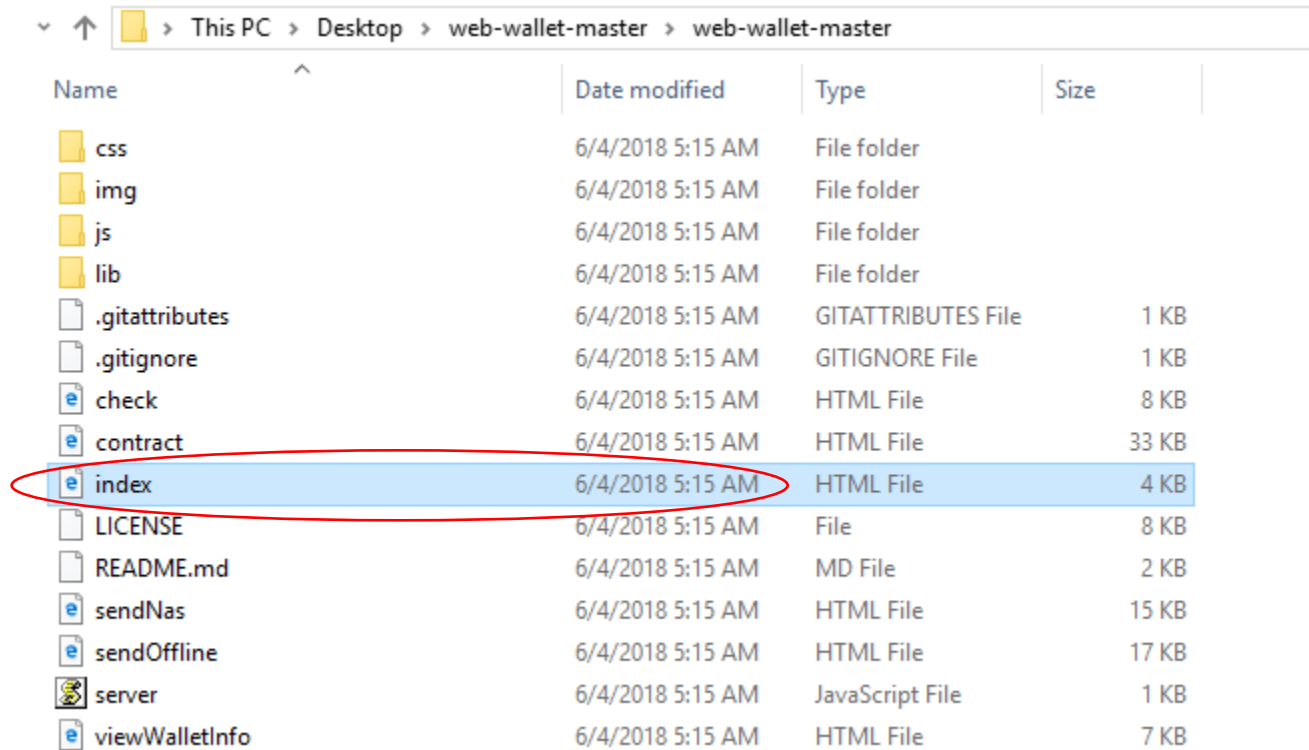
- Before can start using NAS Personal Data Protection System, please click <https://github.com/nebulasio/web-wallet> to create your NAS Wallet.
- At this page, click “clone or download” dropdown button (as highlighted in red color). Then click “Download ZIP” button (as highlighted in green color).



Note: By default it will has the download link (<https://github.com/nebulasio/web-wallet>) (as highlighted in blue color). So no need change anything. If accidentally changed the link, you can just copy the link and replaced it.

Step 2 (Downloading NAS Web Wallet):

- After finished downloading the ZIP file (named “web-wallet-master.zip”), **unzip** it.
- Inside “web-wallet-master” folder, click “index” HTML File (as highlighted in red color).



The screenshot shows a Windows File Explorer window with the address bar displaying the path: This PC > Desktop > web-wallet-master > web-wallet-master. The main area displays a list of files and folders with columns for Name, Date modified, Type, and Size. The 'index' file is highlighted with a blue selection bar and a red oval.

Name	Date modified	Type	Size
css	6/4/2018 5:15 AM	File folder	
img	6/4/2018 5:15 AM	File folder	
js	6/4/2018 5:15 AM	File folder	
lib	6/4/2018 5:15 AM	File folder	
.gitattributes	6/4/2018 5:15 AM	GITATTRIBUTES File	1 KB
.gitignore	6/4/2018 5:15 AM	GITIGNORE File	1 KB
check	6/4/2018 5:15 AM	HTML File	8 KB
contract	6/4/2018 5:15 AM	HTML File	33 KB
index	6/4/2018 5:15 AM	HTML File	4 KB
LICENSE	6/4/2018 5:15 AM	File	8 KB
README.md	6/4/2018 5:15 AM	MD File	2 KB
sendNas	6/4/2018 5:15 AM	HTML File	15 KB
sendOffline	6/4/2018 5:15 AM	HTML File	17 KB
server	6/4/2018 5:15 AM	JavaScript File	1 KB
viewWalletInfo	6/4/2018 5:15 AM	HTML File	7 KB

Step 3 (Create New Wallet):

- After double clicked “index” HTML File, it will open up a page as below.
- Enter a password which is not less than 9 characters (as highlighted in blue color).
- Next, click “Create New Wallet” button (as highlighted in red color).

NEBULAS

Mainnet ▾ English ▾

[Create New Wallet](#) [Send NAS](#) [Send Offline](#) [View Wallet Info](#) [Check TX Status](#) [Contract](#)

Enter a password: (Not less than 9 characters)

Do NOT forget to save this!

Create New Wallet

This password encrypts your private key.
This does not act as a seed to generate your keys.
You will need this password + your private key to unlock your wallet.

NEBULAS

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- After clicked “Create New Wallet” button, click “Download Keystore File” (as highlighted in green color).



Mainnet ▾ English ▾

Create New Wallet

Send NAS

Send Offline

View Wallet Info

Check TX Status

Contract

Enter a password: (Not less than 9 characters)

.....

Create New Wallet

Save your Keystore File .

Download Keystore File

This password encrypts your private key.

This does not act as a seed to generate your keys.

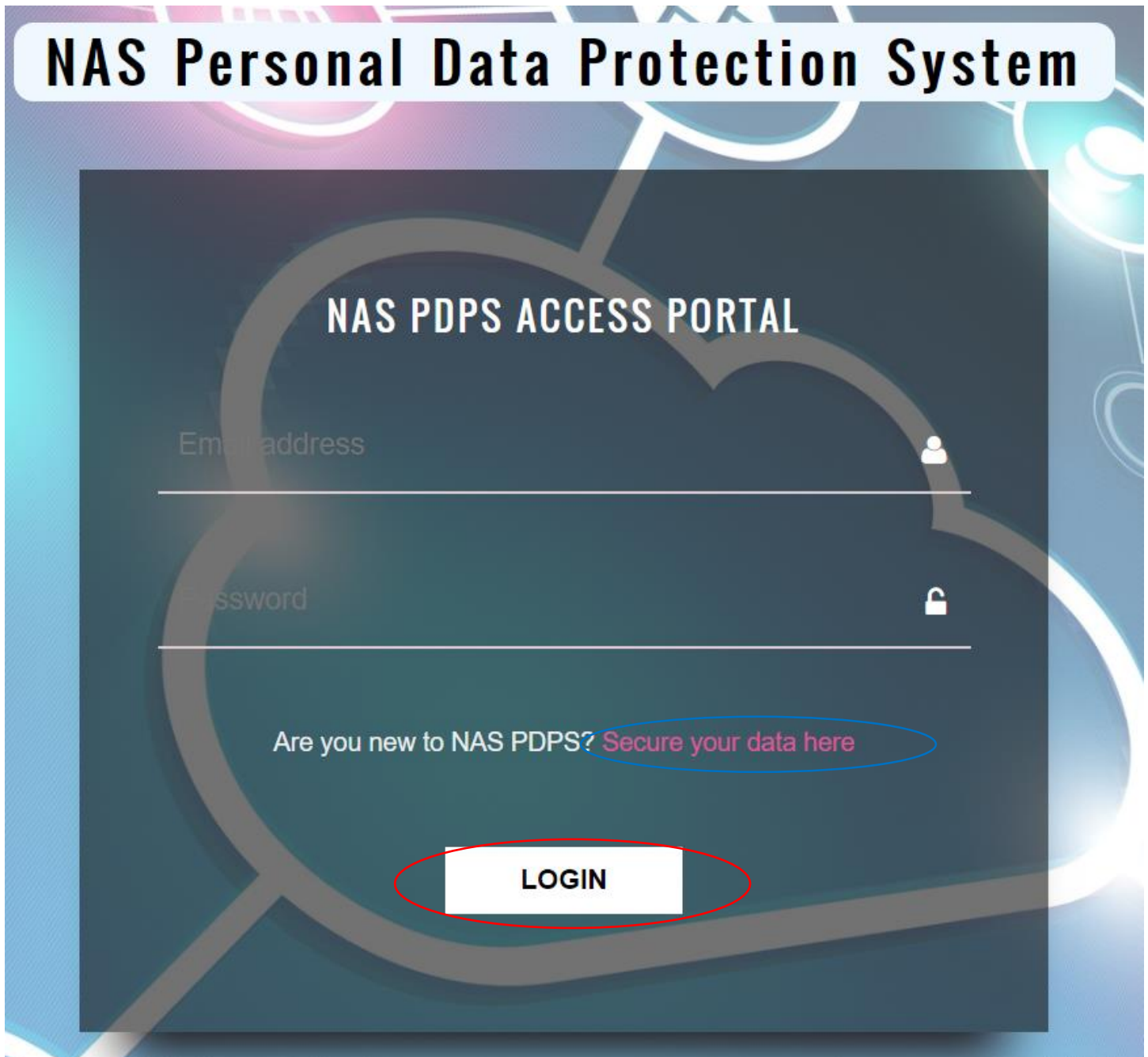
You will need this password + your private key to unlock your wallet.

- After that, it will generate JSON.file which is actually Wallet File. This file is needed to unlock the wallet.

How to secure your personal data

Step 1 (First Time Secure Data)


- At our main page, click “Secure your data here” (as highlighted in blue color).




The image shows a login portal for the NAS Personal Data Protection System. At the top, a white banner with a blue border contains the text "NAS Personal Data Protection System". Below this, the main area has a dark blue background with a large, stylized white cloud shape. Inside the cloud, the text "NAS PDPS ACCESS PORTAL" is displayed in white. There are two input fields: "Email address" with a user icon and "Password" with a lock icon. Below these fields, the text "Are you new to NAS PDPS?" is followed by a link "Secure your data here" which is circled in blue. At the bottom, a white "LOGIN" button is circled in red.

NAS Personal Data Protection System

NAS PDPS ACCESS PORTAL

Email address 

Password 

Are you new to NAS PDPS? [Secure your data here](#)

LOGIN

Note: For those user who have already secured their data before, just key in your email and password, then click “LOGIN” button (as highlighted in red color).

Step 2 (Fill in Information)

- Next, it will pop up a page as below. Fill in all the necessary information and then click “STORE” button.

NAS PDPS DATA SECURE & STORE STATION

Email

Password

Confirm Password

OPTIONAL FIELD FOR DATA STORAGE

FULL NAME

Your full name

MOBILE PHONE NO

Your mobile phone no

NATIONAL IDENTITY NUMBER

Your Identity Card No.

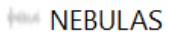
ADDRESS


Your full address

STORE

Step 3 (Fill in Information)

- Next, it will pop up a Nebulas Chrome Extension Wallet as below. If this page **does not** appear, this means that you did not install Nebulas Chrome Extension Wallet. Just simply go to the link below to install it.
<https://github.com/nebulasio/WebExtensionWallet>
- Make sure that Mainnet has been selected (as highlighted in **red** color).
- After verify the necessary information (such as wallet address, amount, etc.), just click “Confirm” button (as highlighted in **blue** color).

 NEBULAS

 NEBULAS


Mainnet ▾ English ▾

New-Wallet Send-TX Check-TX

Your wallet file is imported.

change another wallet


From

n1Uxz59WkheHwXkzogybyBVPAm6gTBcZ9ho 

Balance

0.00432945715 ≈ 0 NAS

To

n1jDzqzQRDfoSU 

Amount to Send

0 ≈ 0 NAS

Gas Limit

200000 ≈ 200 k

Gas Price

1000000 ≈ 1 MWei

Nonce

20

Contract args

```
{"function": "save", "args": ["\u0000", "\u0000", "\u0000", "\u0000", "\u0000", "\u0000"]}
```

Confirm

Reject

Step 4 (Reconfirm Wallet Transaction)

- Last check the wallet transaction. If everything is okay, just click “Submit” button (as highlighted in **red** color).

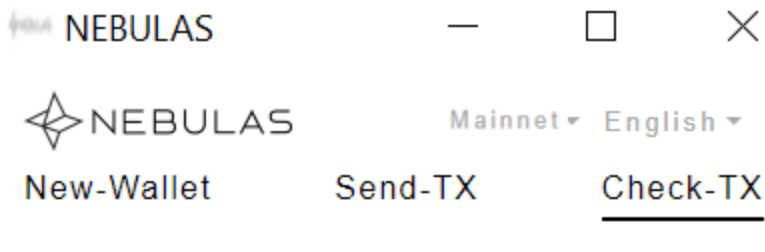
The image shows a screenshot of a web application window titled "NEBULAS". A modal dialog box titled "transfer message" is open, displaying transaction details. The dialog has a close button (X) in the top right corner. The details include:

- From:** n1Uxz59WkheHwXkzogybyBVPAm6gTBcZ9ho
- To:** n1jDzqzQRDfoSUNAqwNXgSvrWAJptzEh3dX
- Amount to Send:** 0 (with a note "≈ 0 NAS")

At the bottom of the dialog are two buttons: "Close" and "Submit". The "Submit" button is circled in red, indicating it is the button to click. Below the dialog, the background shows a transaction confirmation screen with fields for "Gas Limit" (200000, ≈ 200 k), "Gas Price" (1000000, ≈ 1 MWei), "Nonce" (20), and "Contract args" ({"function": "save", "args": ["\\", "\\", "\\", "\\", "\\", "\\", "\\"]}). At the bottom of the background screen are three buttons: "Confirm", "Reject", and "Reject All".

Step 5 (Reconfirm Wallet Transaction)

- It need some time before the nebulas blockchain transaction completed (as highlighted in **red** color).



Check Transaction

Trading hash can query transaction information, including pending and packaged transactions. You need to refresh the package status change of the query transaction several times when the transaction is packaged and validated.

58daa169fc51b0ec6824ba55a891b88aa6ddee79!

Refresh (13)

Transaction Details

TxReceipt Status	pending
Amount	0 ≈ 0 Wei
Nonce	46
Gas Price	1000000 1 MWei
Gas Limit	200000 ≈ 200 k
Gas Used	≈ 0 Wei

Step 6 (Success)

- Lastly, it will go back to original main page as shown below. The whole process is success.

The image shows a composite of two screenshots from the NEBULAS Personal Data Protection System (PDPS).

Left Screenshot (NEBULAS Wallet Interface):

- Header:** NEBULAS logo, Mainnet, English.
- Navigation:** New-Wallet, Send-TX, Check-TX (active).
- Section: Check Transaction**
 - Text: "Trading hash can query transaction information, including pending and packaged transactions. You need to refresh the package status change of the query transaction several times when the transaction is packaged and validated."
 - Input field: 58daa169fc51b0ec6824ba55a891b88aa6dde79f
 - Button: Close
- Section: Transaction Details**

TxReceipt Status	success
Amount	0 ≈ 0 Wei
Nonce	46
Gas Price	1000000 1 MWei
Gas Limit	200000 ≈ 200 k
Gas Used	20797 ≈ 21 kWei

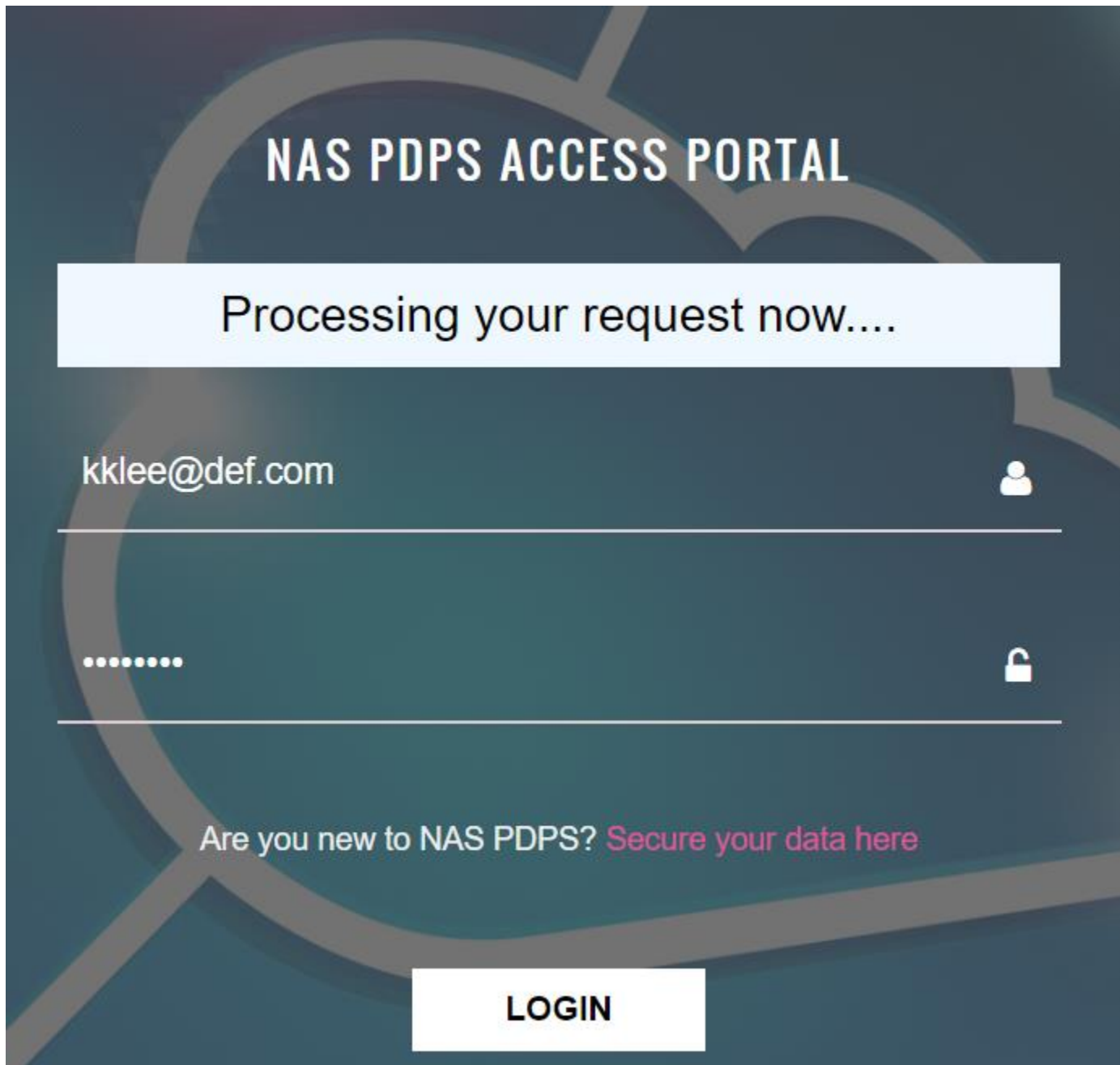
Right Screenshot (NAS PDPS ACCESS PORTAL):

- Header:** NAS Personal Data Protection System, HOME, HOW TO
- Section: NAS PDPS ACCESS PORTAL**
 - Green banner: Success Storing your personal data
 - Form fields: Email address (with user icon), Password (with lock icon)
 - Text: Are you new to NAS PDPS? [Secure your data here](#)
 - Button: LOGIN

How to access your secured personal data

Step 1 (Access Data after First Time Secure Data)

- At main page, fill in necessary info and click “LOGIN” button.

The image shows a login portal for NAS PDPS. The background is dark blue with a large, faint gear icon. At the top, the text "NAS PDPS ACCESS PORTAL" is displayed in white. Below this, a light blue box contains the text "Processing your request now....". The login form consists of two input fields. The first field contains the email address "klee@def.com" and has a user icon to its right. The second field contains a masked password "....." and has a lock icon to its right. Below the input fields, there is a link that says "Are you new to NAS PDPS? Secure your data here". At the bottom, there is a white button with the text "LOGIN" in black.

NAS PDPS ACCESS PORTAL

Processing your request now....

klee@def.com

.....

Are you new to NAS PDPS? [Secure your data here](#)

LOGIN

Step 2 (Populate Data)

- Next, all your personal data that previously secured are shown in the page below.



The screenshot displays a web interface for the 'NAS Personal Data Protection System'. The title is prominently displayed at the top. Below it, a section titled 'YOUR PERSONAL NAS PDPS DATA' lists various personal details. The data is organized into two columns: labels on the left and corresponding values on the right. The labels include EMAIL, FULL NAME, MOBILE PHONE NO, NATIONAL IDENTITY NUMBER, and ADDRESS. The values provided are kkleee@def.com, kk lee, 019-3914901, 841204-12-4912, and 135-1, Jalan Tampin 3, Taman Seragam, 55100 Kuala Lumpur. At the bottom, there is a link to query the data again.

NAS Personal Data Protection System

YOUR PERSONAL NAS PDPS DATA

EMAIL	kklee@def.com
FULL NAME	kk lee
MOBILE PHONE NO	019-3914901
NATIONAL IDENTITY NUMBER	841204-12-4912
ADDRESS	135-1, Jalan Tampin 3, Taman Seragam, 55100 Kuala Lumpur.

Want to query again? Click [HERE](#)