

HOW TO INSTALL AN SSL (Secure Socket Layer) on your Website

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- How to get/install a free ssl certificate from <https://www.sslforfree.com/>

What is an SSL Certificate?

SSL stands for Secure Sockets Layer, a global standard security technology that enables encrypted communication between a web browser and a web server. It is utilized by millions of online businesses and individuals to decrease the risk of sensitive information (e.g., credit card numbers, usernames, passwords, emails, etc.) from being stolen or tampered with by hackers and identity thieves. In essence, SSL allows for a private “conversation” just between the two intended parties.

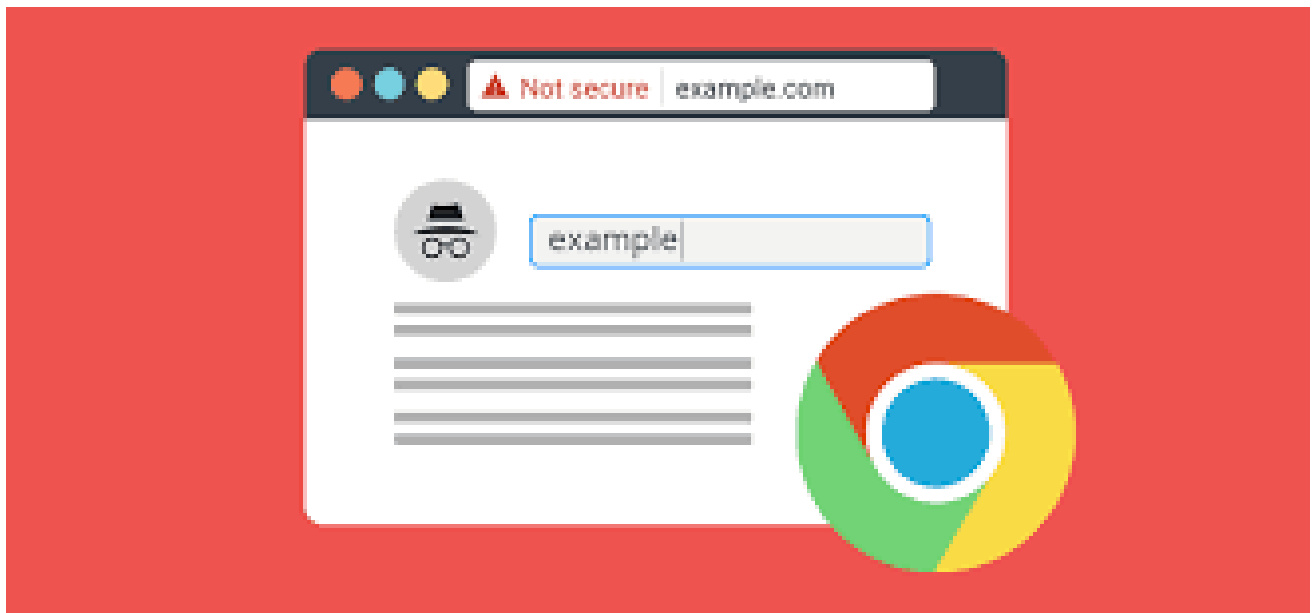
To create this secure connection, an **SSL certificate** (also referred to as a “digital certificate”) is installed on a web server and serves two functions:

- It authenticates the identity of the website (this guarantees visitors that they’re not on a bogus site)
- It encrypts the data that’s being transmitted

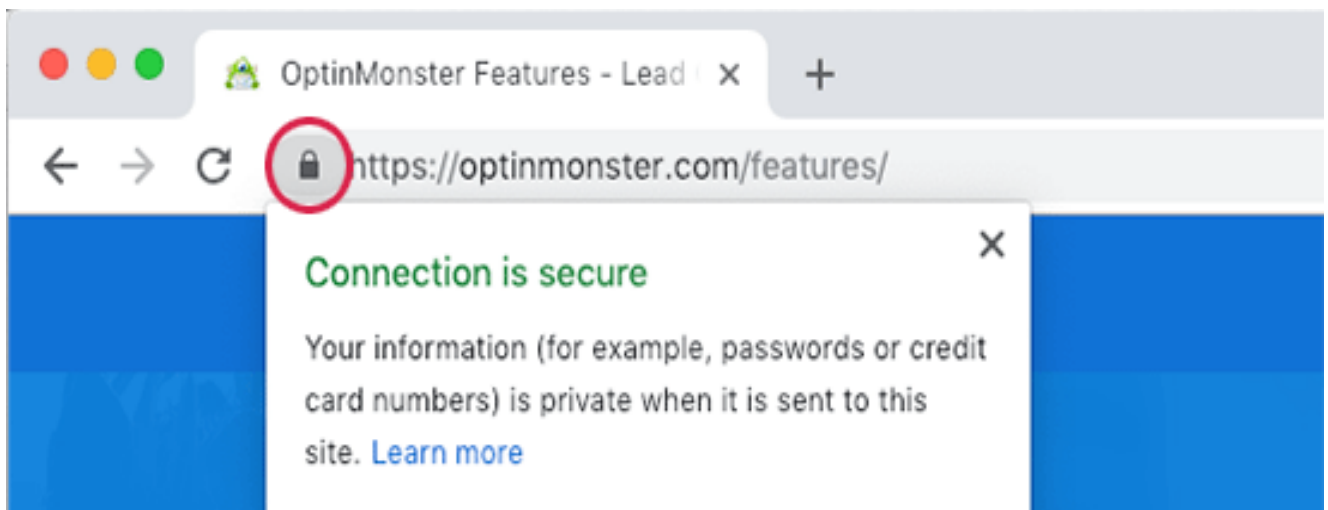
HTTPS: Most crucially for businesses, an SSL certificate is necessary for an HTTPS web address. HTTPS is the secure form of HTTP, and HTTPS websites are websites that have their traffic encrypted by SSL/TLS.

In addition to securing user data in transit, HTTPS makes sites more trustworthy from a user's perspective. Many users won't notice the difference between an http:// and an https:// web address, but most browsers have started tagging HTTP sites as "not secure" in more noticeable ways, attempting to provide incentive for switching to HTTPS and increasing security.

An example of a HTTP Website -



A Secured Website -



Why you need it on your Website

SSL / HTTPS is recommended for all websites on the internet. However, it is absolutely required for all websites that collect user information like login details, payment information, credit cards, and more.

If you are running an e-commerce store, a membership website, or require users to login, then you need to get an SSL certificate right away.

Most online payment services require your website to use SSL/HTTPs before you can receive payments.

Apart from security, SSL certificate also creates a positive impression of your brand among your users. Google also recommends using SSL, and research shows that SSL-enabled websites rank slightly higher in search results.

Last but not least, if your website is not using an SSL certificate, then Google Chrome will show your users that your website is not secure.

How to Get a Free
SSL CERTIFICATE
for a WordPress Site



Steps –

- Make sure you have your cPanel Login Details
- Make sure you have your Wordpress Admin Login Details
- Register an account on <https://www.sslforfree.com/>

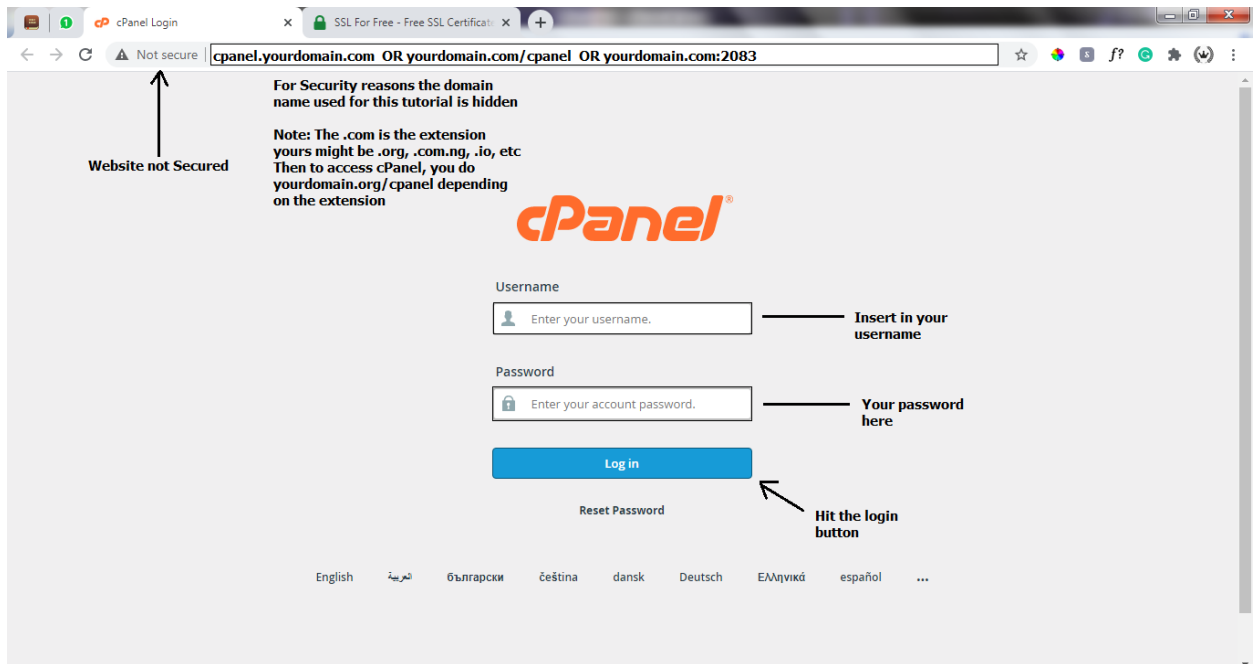
LETS GET STARTED WITH THE INSTALLATION

- ✓ We need to log into our cPanel – There are about 3 ways to Log into our cPanel Account.

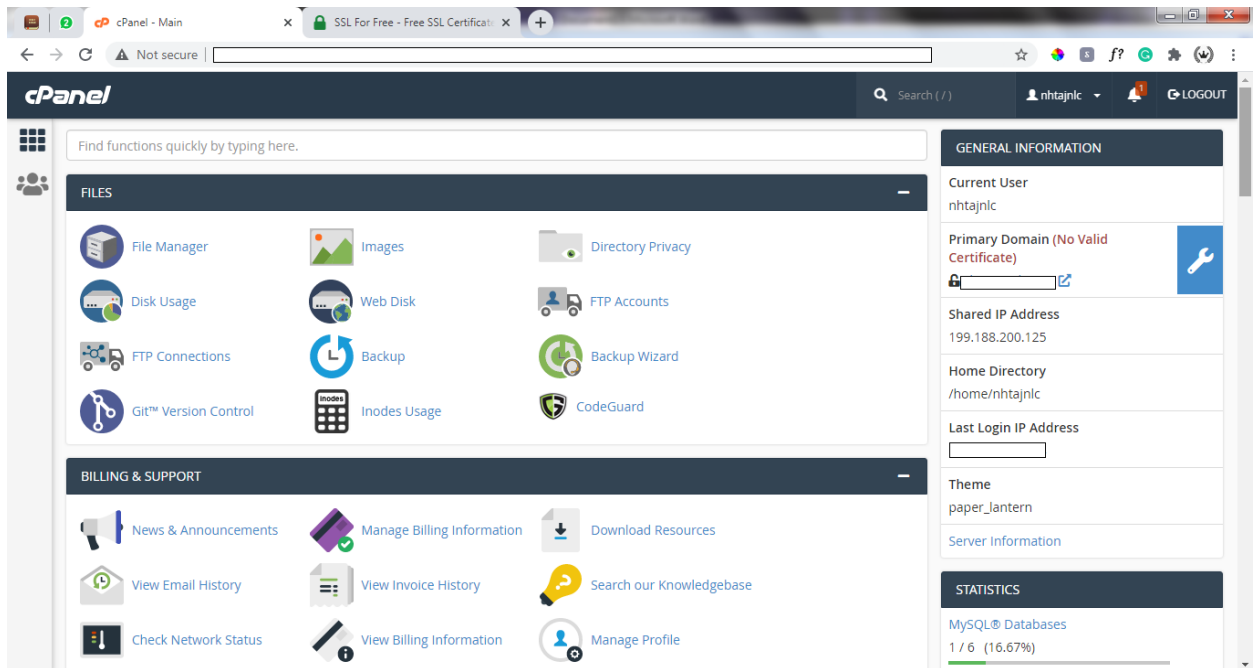
On your browser -

- Visit `yourdomain.com/cpanel` or,
- `cpanel.yourdomain.com`
- `yourdomain:2083`

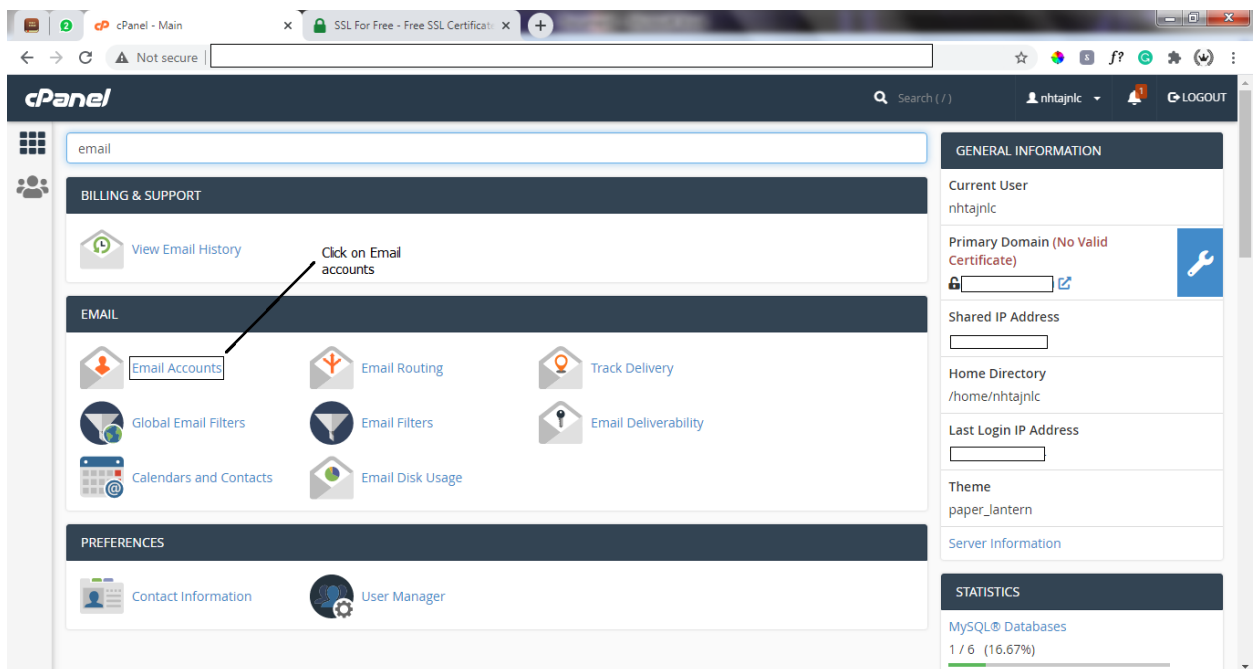
Any one you use will bring you to the login Screenl, there you can fill in your username and password and hit the login button



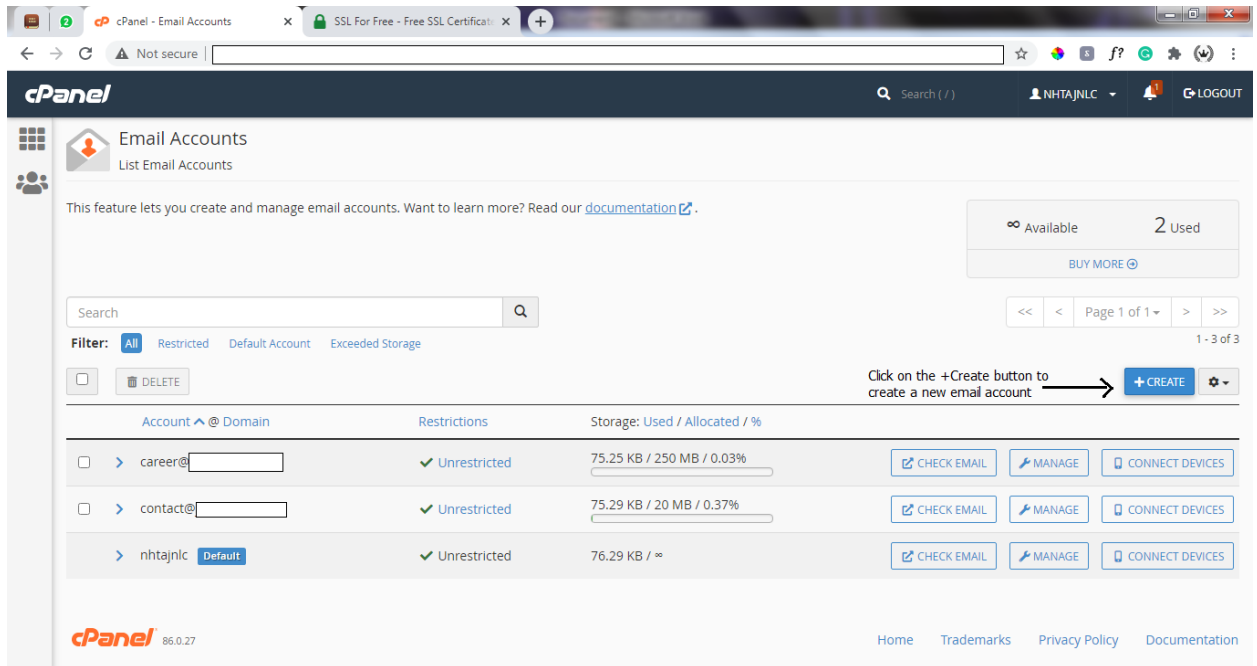
If successful, You get a screen like this --→ Below



- ✓ Next, we need an admin email – admin@yourdomain.com. We will create that from our control panel (cPanel)
- From the dashboard – Search for email and click on email account from the list of options that comes after search



when Clicked, we get to a screen like this (Below), There we can create professional emails (Also, Follow the on screen guide in the Screenshot)



The screenshot displays the cPanel 'Email Accounts' section. At the top, there's a header with the cPanel logo and a search bar. Below the header, the 'Email Accounts' section is titled 'List Email Accounts'. A message states: 'This feature lets you create and manage email accounts. Want to learn more? Read our [documentation](#).' To the right, a summary shows '∞ Available' and '2 Used' accounts, with a 'BUY MORE' link. Below this is a search bar and a filter dropdown set to 'All'. A 'DELETE' button is present. The main table lists email accounts with columns: 'Account ^ @ Domain', 'Restrictions', 'Storage: Used / Allocated / %', and action buttons. The table contains three rows: 'career@', 'contact@', and 'nhtajnlc' (marked as 'Default'). Each row has 'CHECK EMAIL', 'MANAGE', and 'CONNECT DEVICES' buttons. A '+ Create' button is located at the bottom right of the table, with a tooltip that says 'Click on the +Create button to create a new email account'.

Account ^ @ Domain	Restrictions	Storage: Used / Allocated / %	
<input type="checkbox"/> > career@	✓ Unrestricted	75.25 KB / 250 MB / 0.03%	CHECK EMAIL MANAGE CONNECT DEVICES
<input type="checkbox"/> > contact@	✓ Unrestricted	75.29 KB / 20 MB / 0.37%	CHECK EMAIL MANAGE CONNECT DEVICES
> nhtajnlc Default	✓ Unrestricted	76.29 KB / ∞	CHECK EMAIL MANAGE CONNECT DEVICES

After Clicking on the Create button, We get to a page where we can create the email we will use

Note: You are to Create admin@yourdomain.com

CREATE AN EMAIL ACCOUNT [SHOW/HIDE HELP](#)

Username [?](#)
 @ .com

You can use letters, numbers, periods, hyphens, and underscores.
 Usernames can't have more than 64 characters.
[Missing a domain?](#)

Security
☒ Set password now. ☐ Provide alternate email.

Password
 [?](#) [GENERATE](#) [?](#)

This password has a strength of 100, which meets or exceeds the system requirement of 50.

Storage Space [?](#)
☒ [?](#)
☐ Unlimited

Add the size (Should not be that much) since we just want to use it to get our SSL Certificate

Automatically Create Folders for Plus Addressing [?](#)
☒ Automatically Create Folders ☐ Do Not Automatically Create Folders

MISSING A DOMAIN?
 Subdomains let you create subsections of your domains.
[Manage Subdomains](#)

Aliases let you point a domain towards another of your domains' content.
[Manage Aliases](#)

NEED HELP?
[About This Interface](#)

Scroll down and click on the create Button Below. Then we will be redirected to a page with all emails we have created, We can then check email account of the new email we just created.

List Email Accounts

This feature lets you create and manage email accounts. Want to learn more? Read our [documentation](#).

Search [?](#)

Filter: [All](#) [Restricted](#) [Default Account](#) [Exceeded Storage](#)

☐ [DELETE](#)

1 - 4 of 4

Account	Domain	Restrictions	Storage: Used / Allocated / %	Actions
<input type="checkbox"/>	admin@.com	✓ Unrestricted	75.61 KB / 1 MB / 7.38%	CHECK EMAIL MANAGE CONNECT DEVICES
<input type="checkbox"/>	career@.com	✓ Unrestricted	75.25 KB / 250 MB / 0.03%	CHECK EMAIL MANAGE CONNECT DEVICES
<input type="checkbox"/>	contact@.com	✓ Unrestricted	75.29 KB / 20 MB / 0.37%	CHECK EMAIL MANAGE CONNECT DEVICES
<input checked="" type="checkbox"/>	nhtajnlc Default	✓ Unrestricted	76.29 KB / ∞	CHECK EMAIL MANAGE CONNECT DEVICES

Click on the check mail to see emails sent to the email account. We will need to do this as some email will be sent to the email account for this tutorial

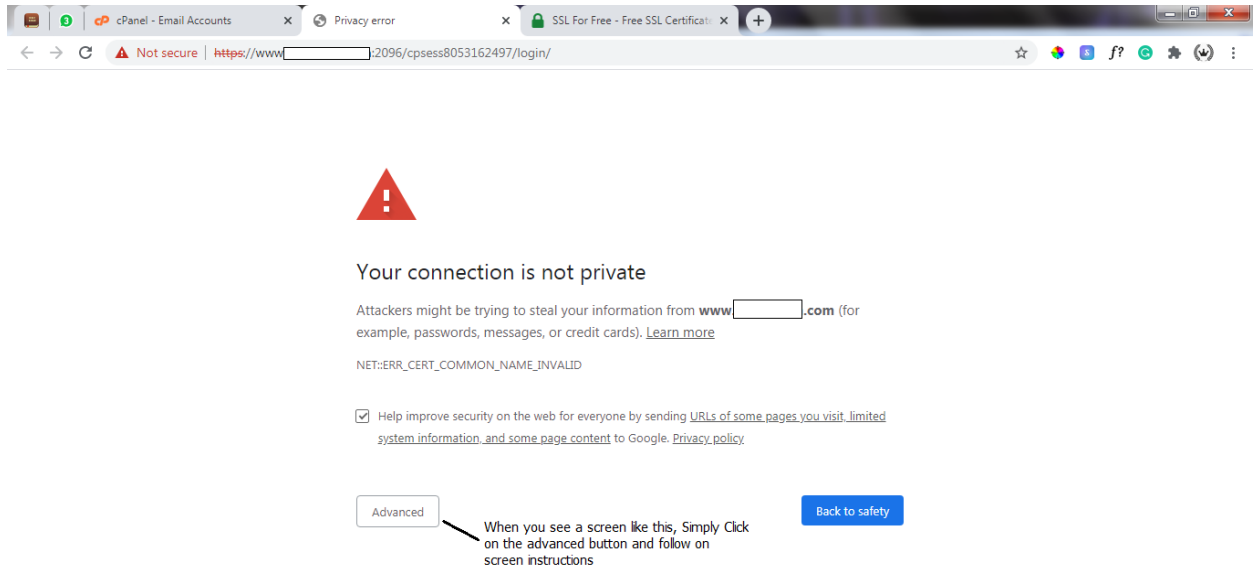
[+ CREATE](#) [?](#)

cPanel 86.0.27 [Home](#) [Trademarks](#) [Privacy Policy](#) [Documentation](#)

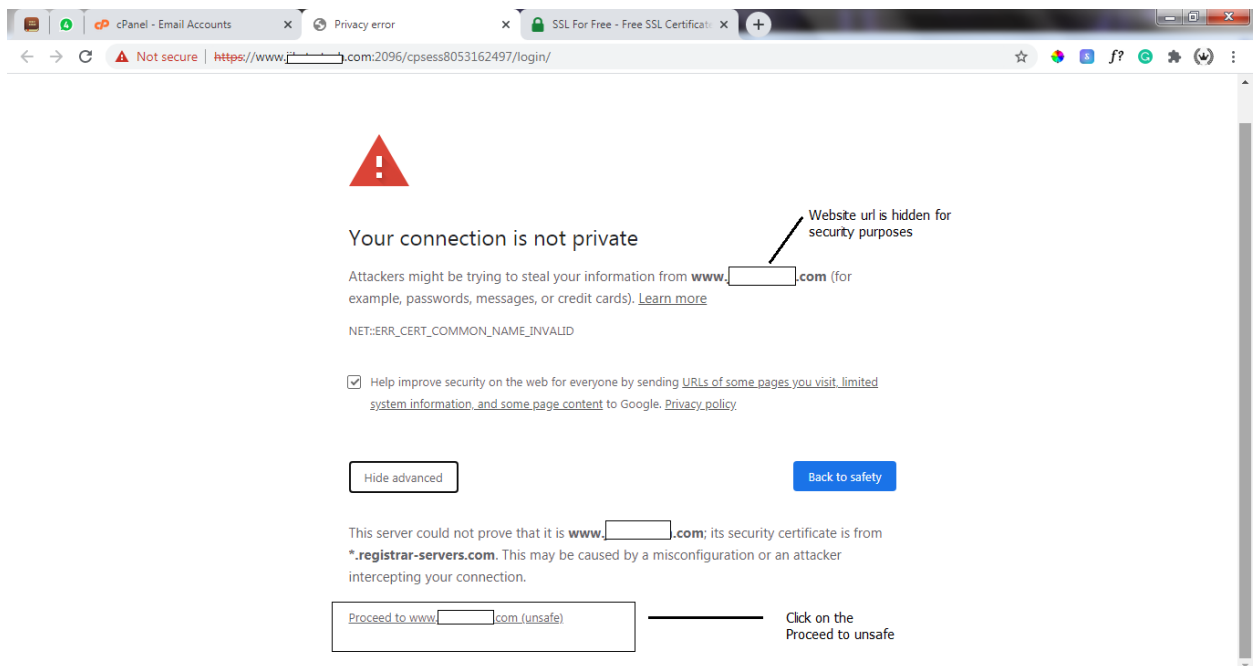
When the check mail button Is clicked we will be redirected to the

email account. But most at times there are little challenges we might face

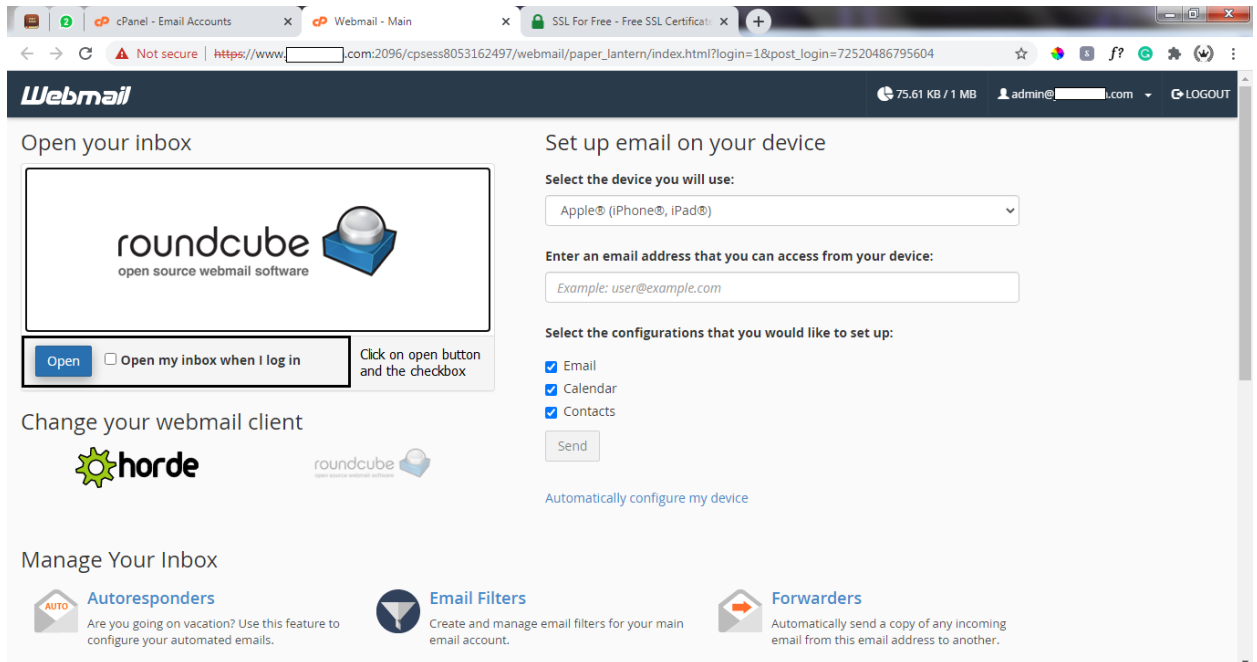
-- We might see a screen like this (Below)



Click on the Advanced Button and follow the Infographic Below



When clicked we can follow in screen instructions



If opened, we can then view our inbox, Just like any mailing platform.

- ✓ Next we want to register an Account on <https://manage.sslforfree.com/signup>

SSL For Free

Sign Up

Sign up for a free account to create and manage SSL certificates.

Email Address

Use the email address we just created

Password

Insert in a Password for your account

Register

Click on the register Button

I agree to receive important service updates.

Login

We will be redirected to our Dashboard, From the Dashboard, Click on New Certificate

SSL For Free

ZeroSSL

Get Started

Welcome to ZeroSSL

Thank you for choosing ZeroSSL. Ready to create your first SSL certificate?

You can have a look around or get started right away using one of the links below.

Expiring Soon

Draft

Issued

Pending Validation

Expired

Your Subscription

0 / 3 90-Day Certificates

0 / 0 1-Year Certificates

Create SSL Certificate

Click on the New cert.. Button

New Certificate

-- Insert in Your domain

Get Premium SSL

New Certificate

Cancel

Dashboard

Certificates

Developer

SSL Certificate Setup

You're on your way to issuing a brand-new SSL certificate for one or multiple domains. Before you can install your new certificate, please complete the steps below.

Domains

☐ I need a wildcard certificate PRO

Please enter at least one domain to secure. For single-domain certificates the WWW-version of your domain will always be included at no extra charge.

Enter Domains

Enter your domain name and Click on Next step | Also follow all on screen instructions

+ Add Domain PRO

Next Step →

> Validity

> CSR & Contact

Help

Follow all on screen instructions mainly next step – We get to a page where we will be asked to verify domain. From the options Select the email we just created and click on next step.

Get Premium SSL

Verify Domain

Verify Later

Dashboard

Certificates

Developer

✓ Your certificate has been created and is ready for domain verification.

jibstartech.com

Congratulations, your SSL certificate is en route! However, you need to verify ownership of your domain before installing your certificate. Please follow the steps below.

Verification Method for jibstartech.com

We need you to verify ownership of each domain in your certificate. Please select your preferred verification method and click "Next Step".

☒ Email Verification

Please select an email address below

How to use email verification?

After selecting an email, click "Next Step".

☐ DNS (CNAME)

☐ HTTP File Upload

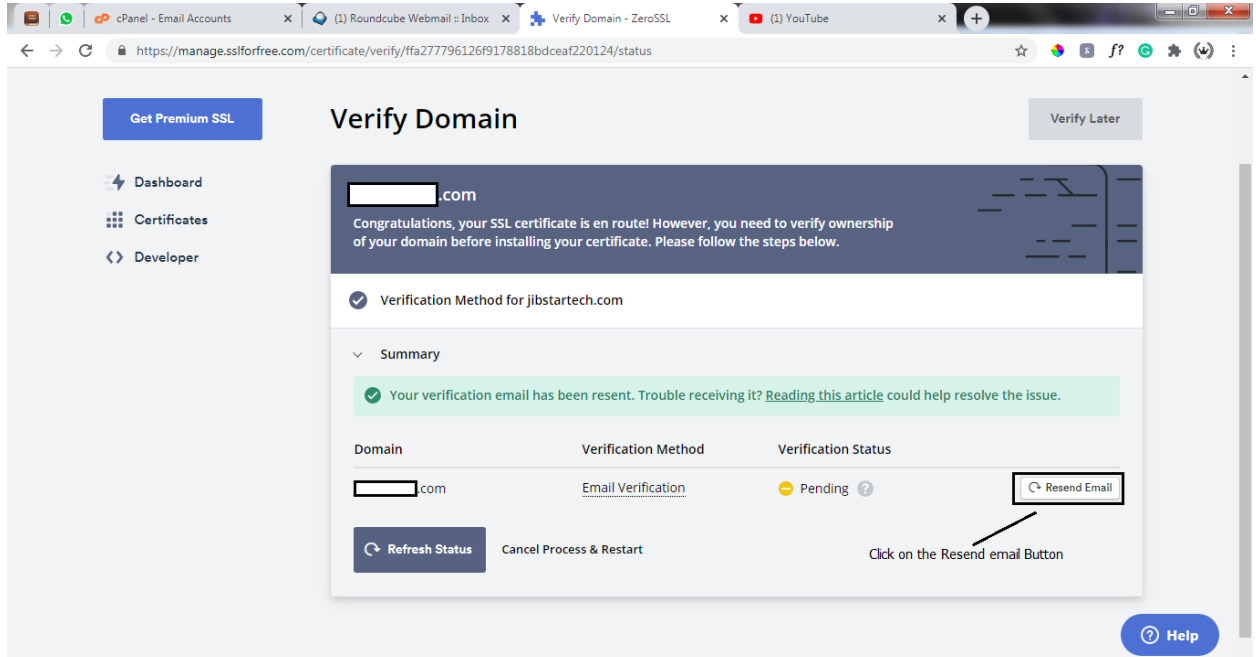
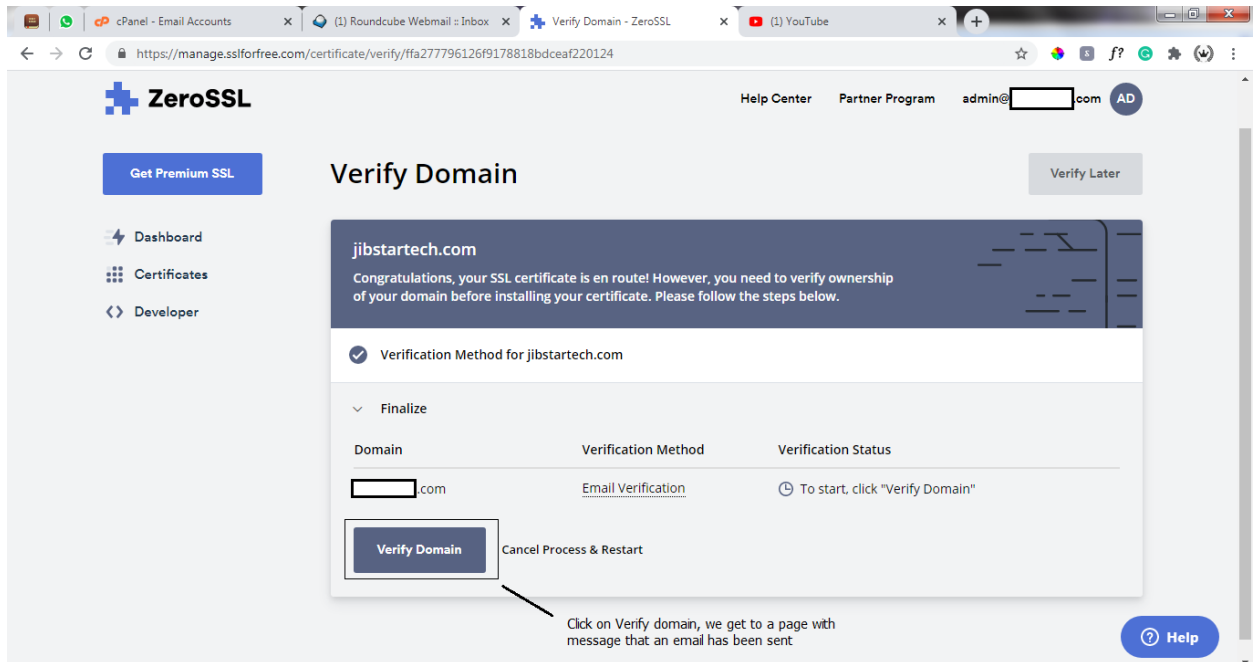
Select email and click on next step

Next Step →

Help

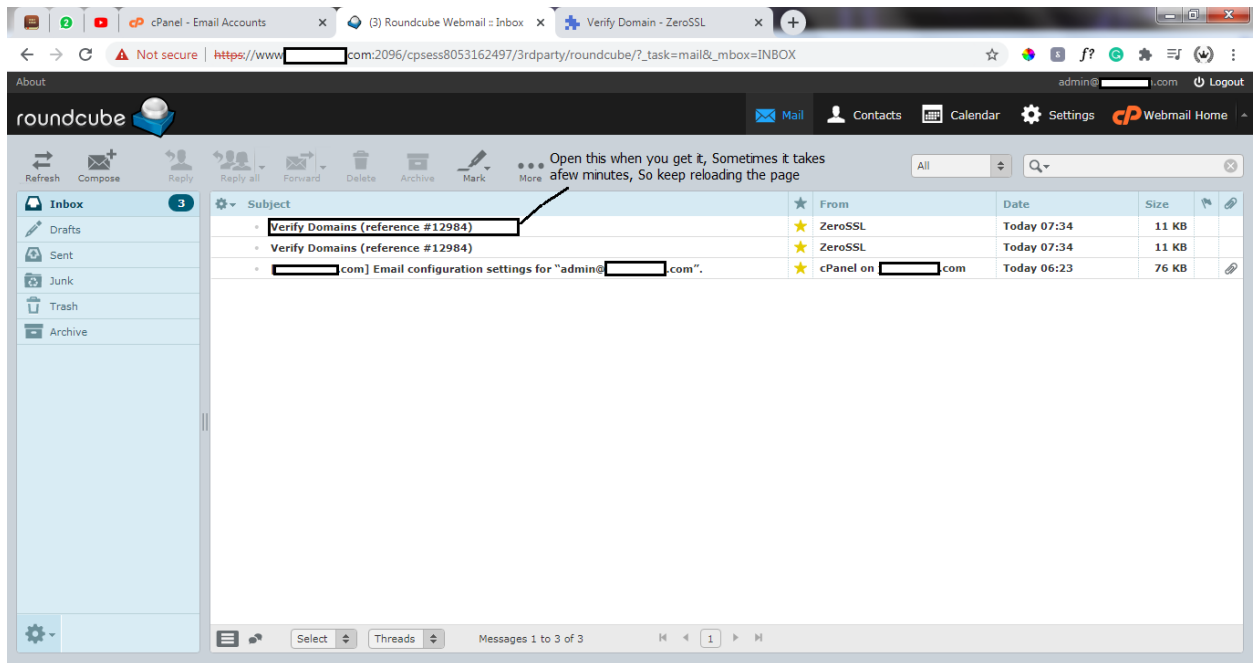
After Clicking on the Next Step, We get to another page, where we

will need to verify our domain. An email will be sent to the email account we just created

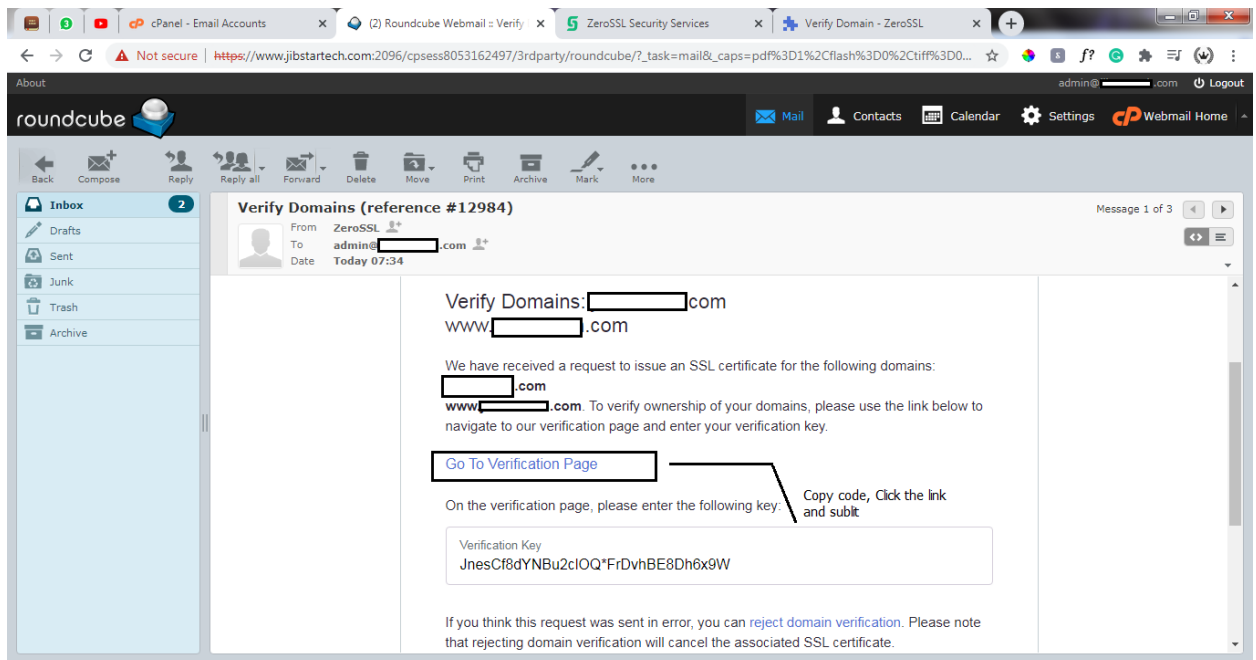


Now the email account we created, that we opened will come in play here. We will need to go to the tab and refresh to see the email that

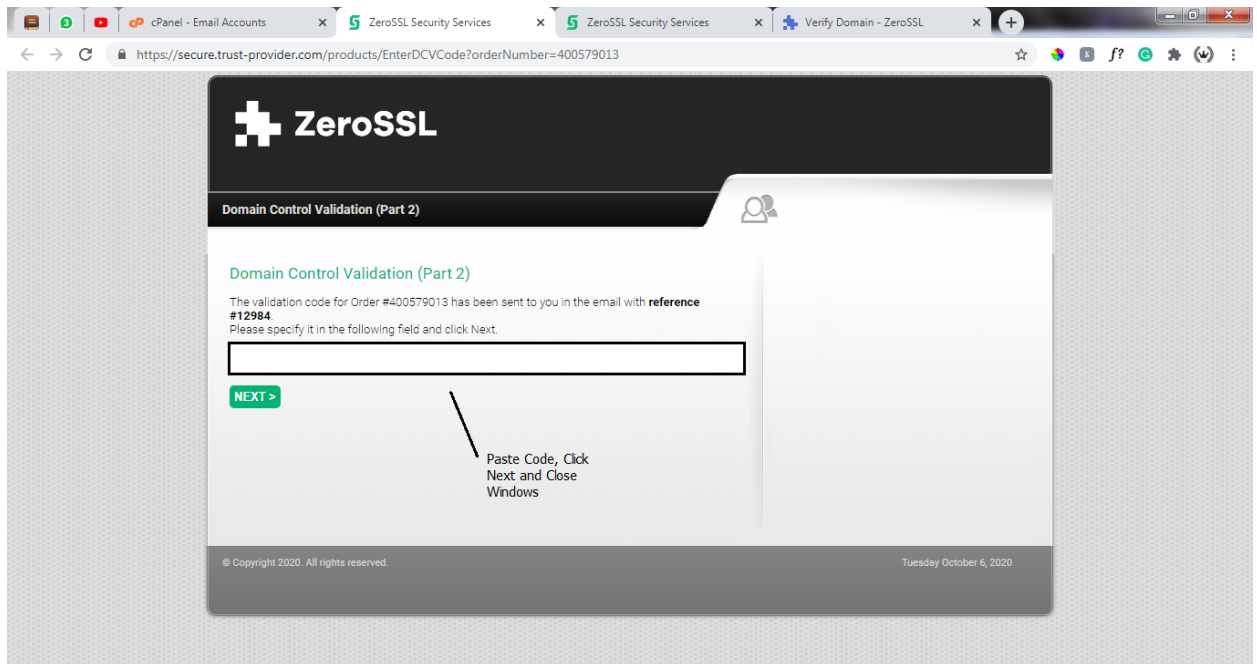
has been sent with a title (Verify Domain)



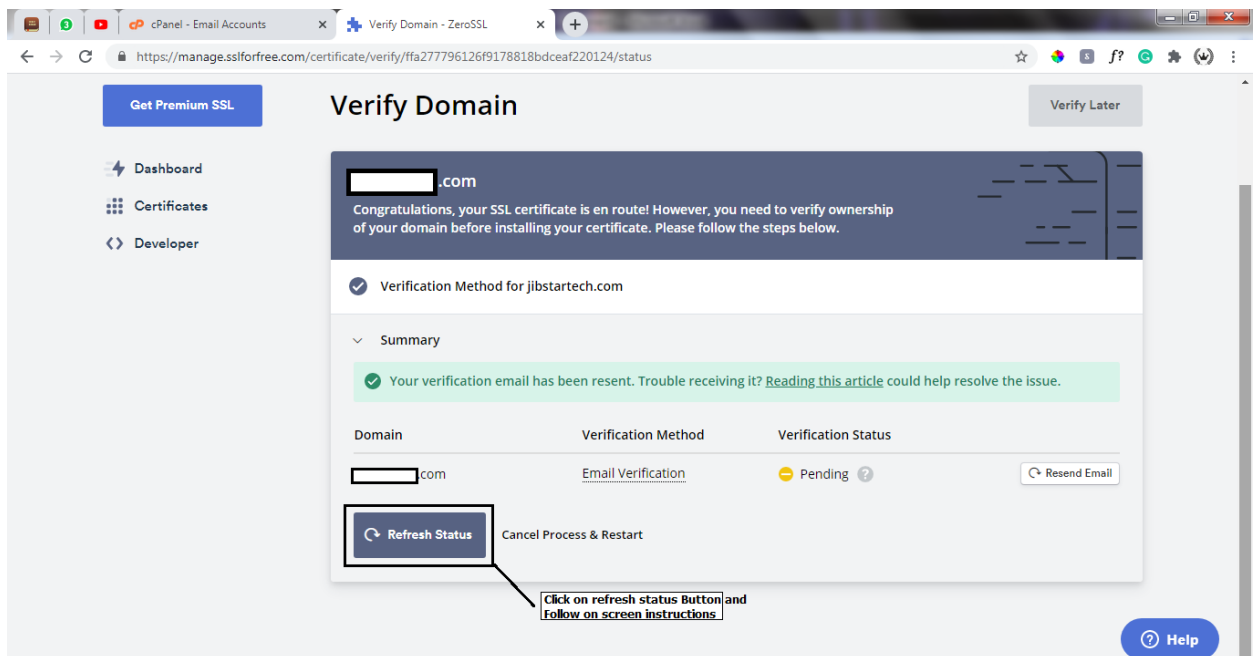
open the email, Go to verification page and paste the code.
Everything will be in the mail



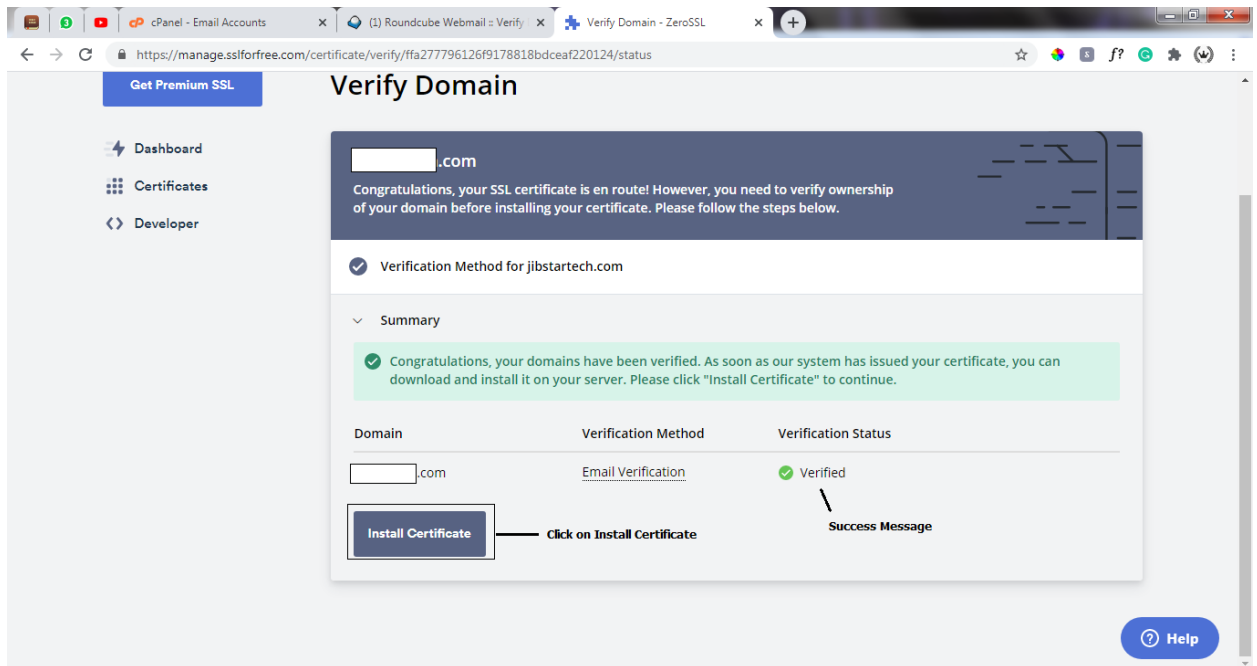
Verifucation Page -



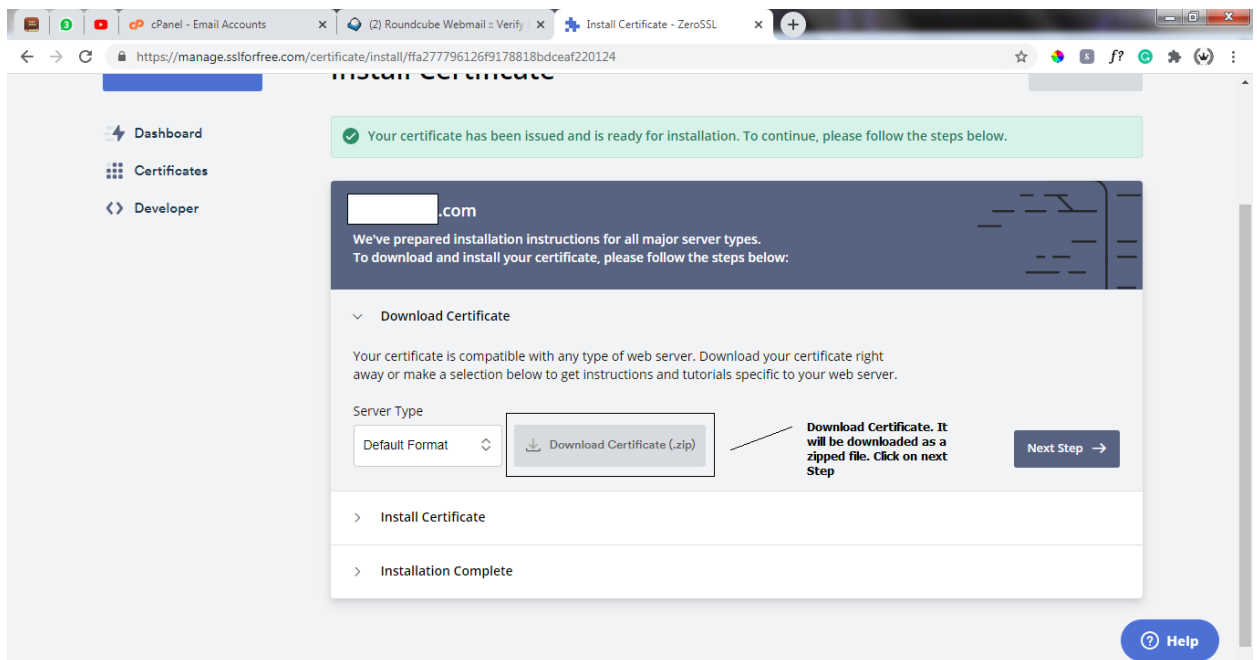
Go back to your Zero SSL Dahboard and Refresh Status



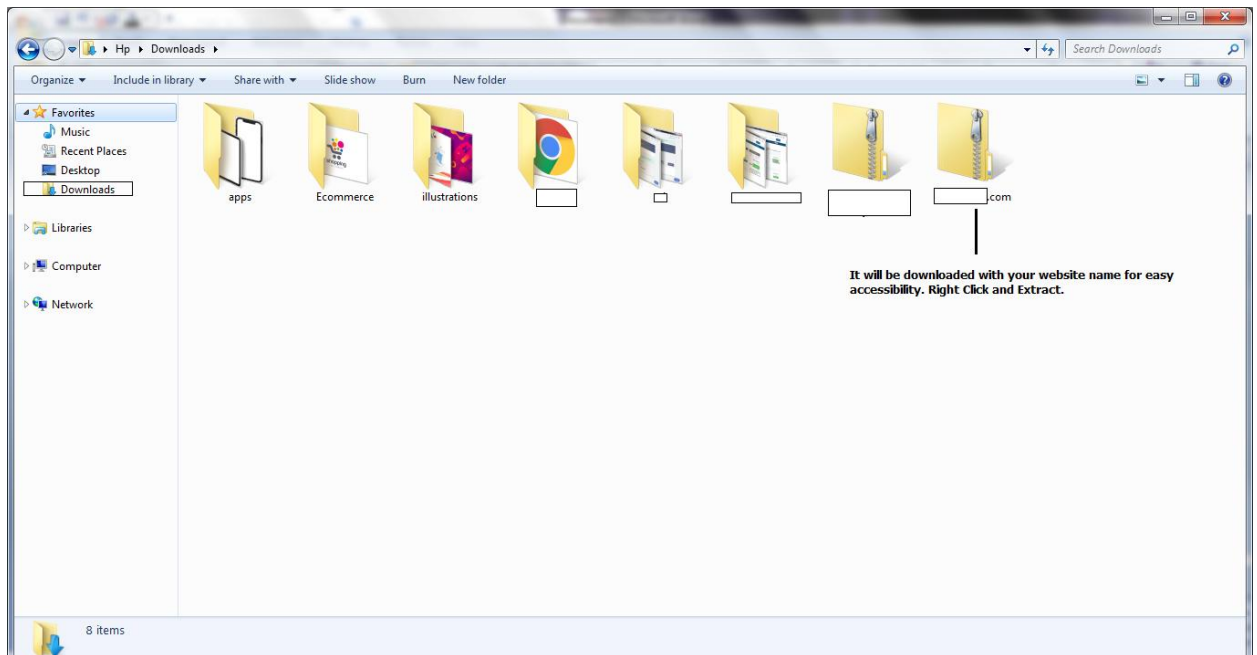
If Verified, You Get the Success Message



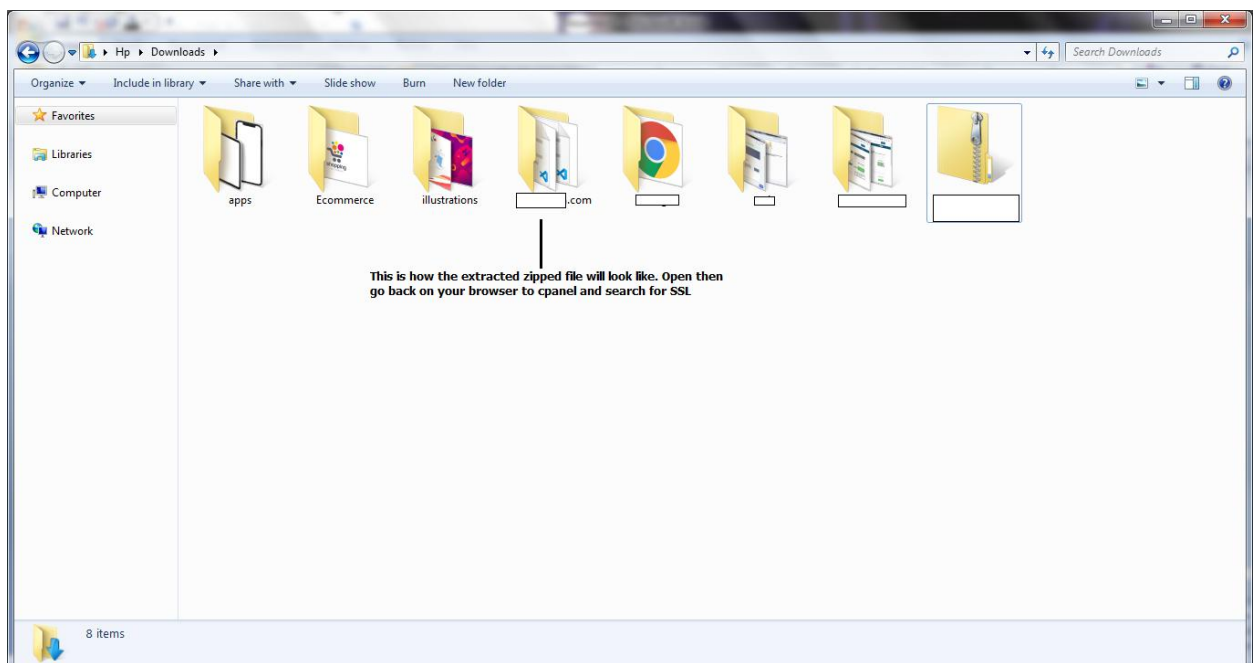
Next we will Download our Certificates - It will be downloaded as a zipped file. Then on our Laptop we can locate it on our downloads folder the extract it.



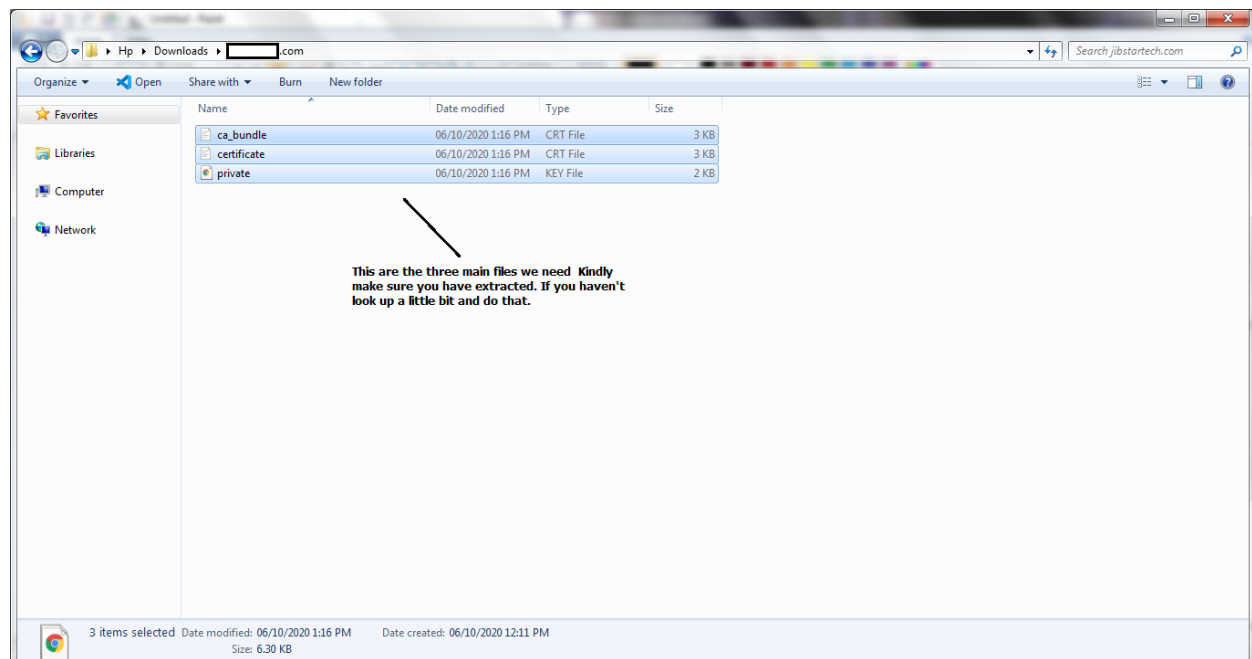
Now go to your Downloads folder your Laptop/Desktop, Then locate the file and extract it.



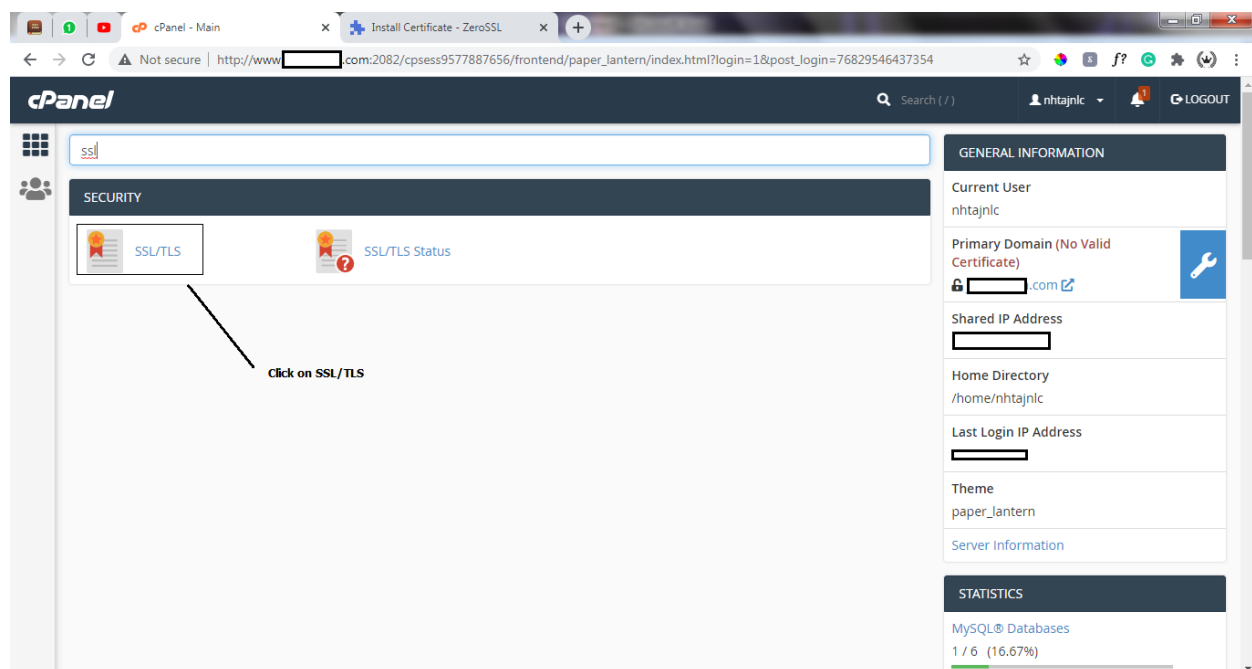
Extract the File --



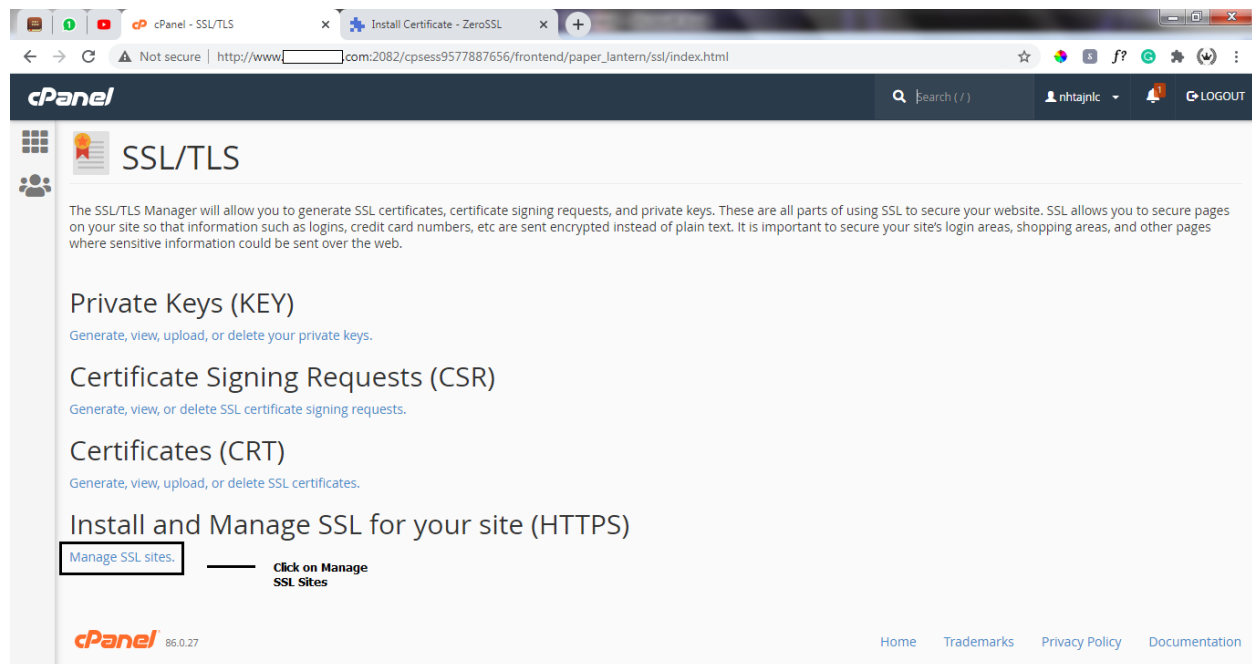
Open the folder -



-- Next we go back to cPanel and Search for SSL

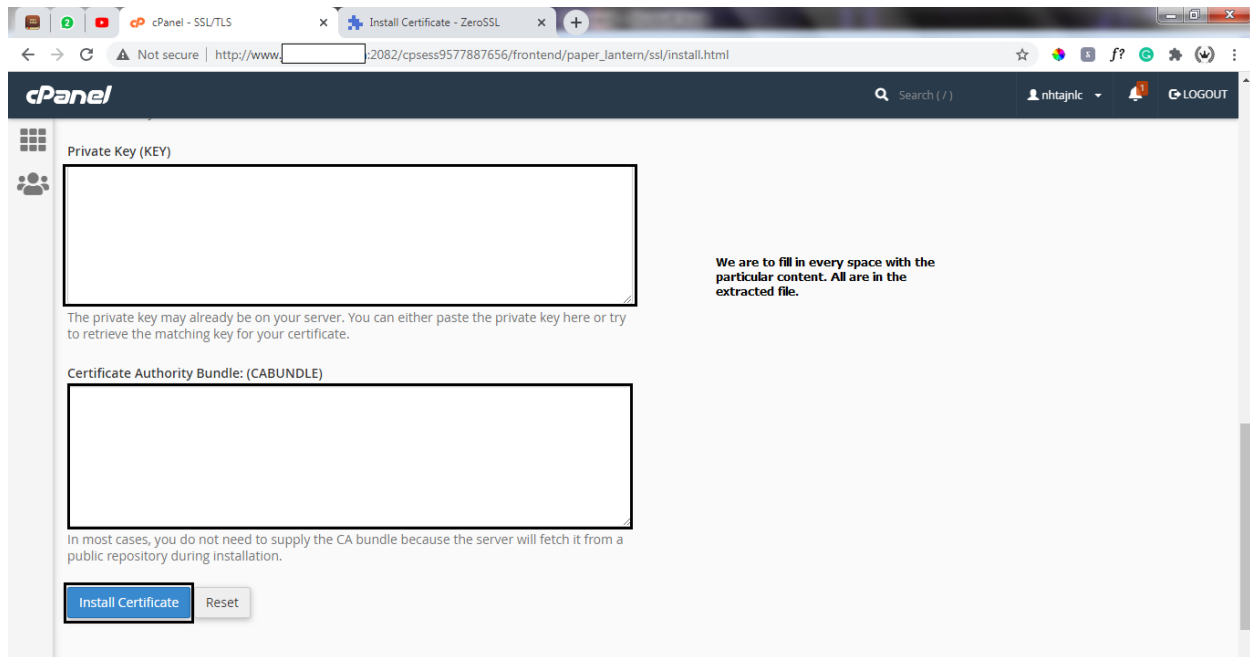


Next we Click on the Manage SSL Sites



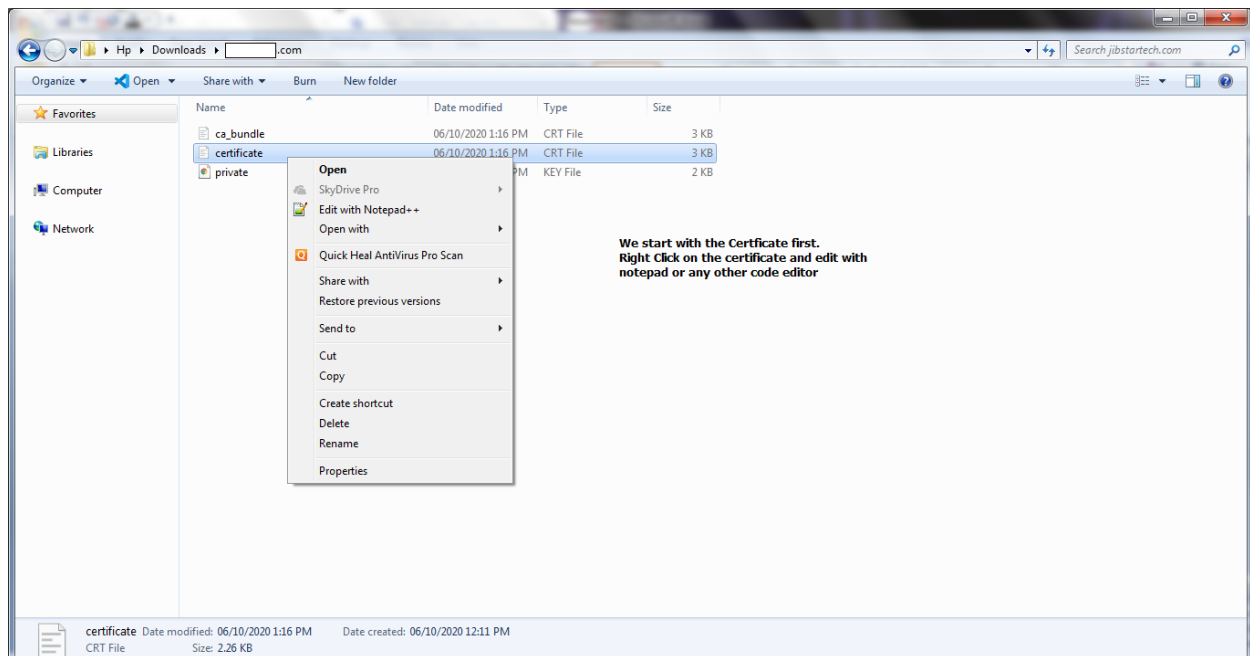
Here, We can Install the SSL Certificate on our Domain





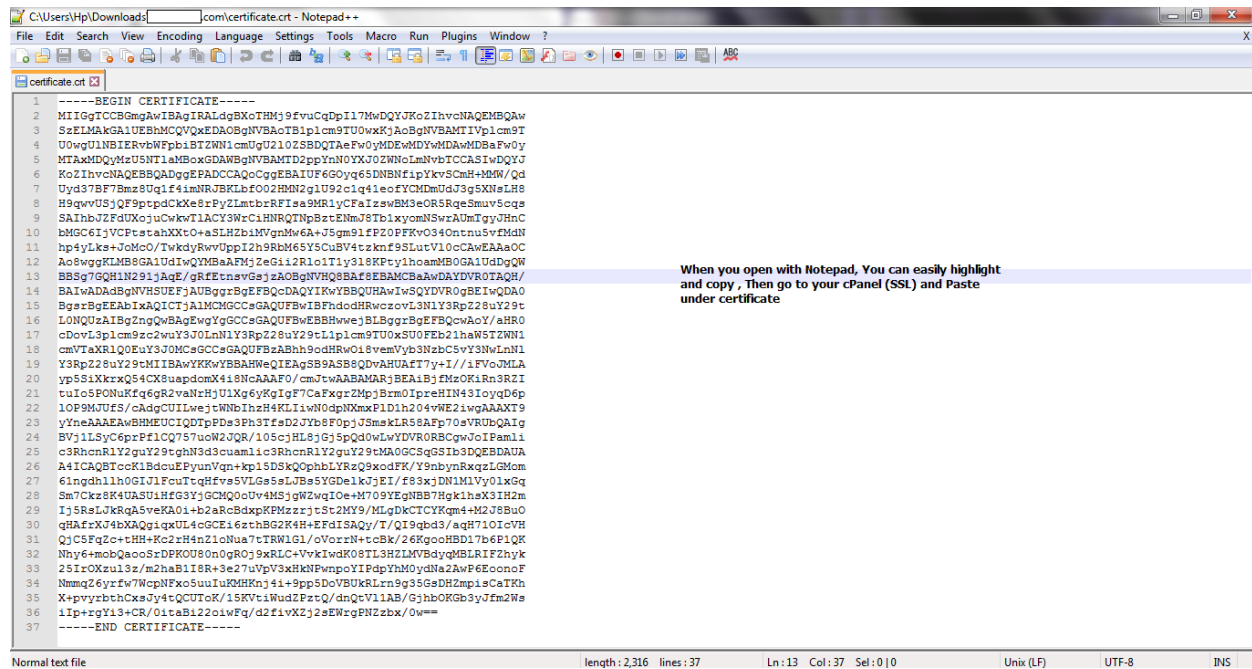
-- Now, We go to the extracted folder and we use the three files to fill in the blank spaces (Certificate, Private Key, ca Bundle)

-- The Certificate

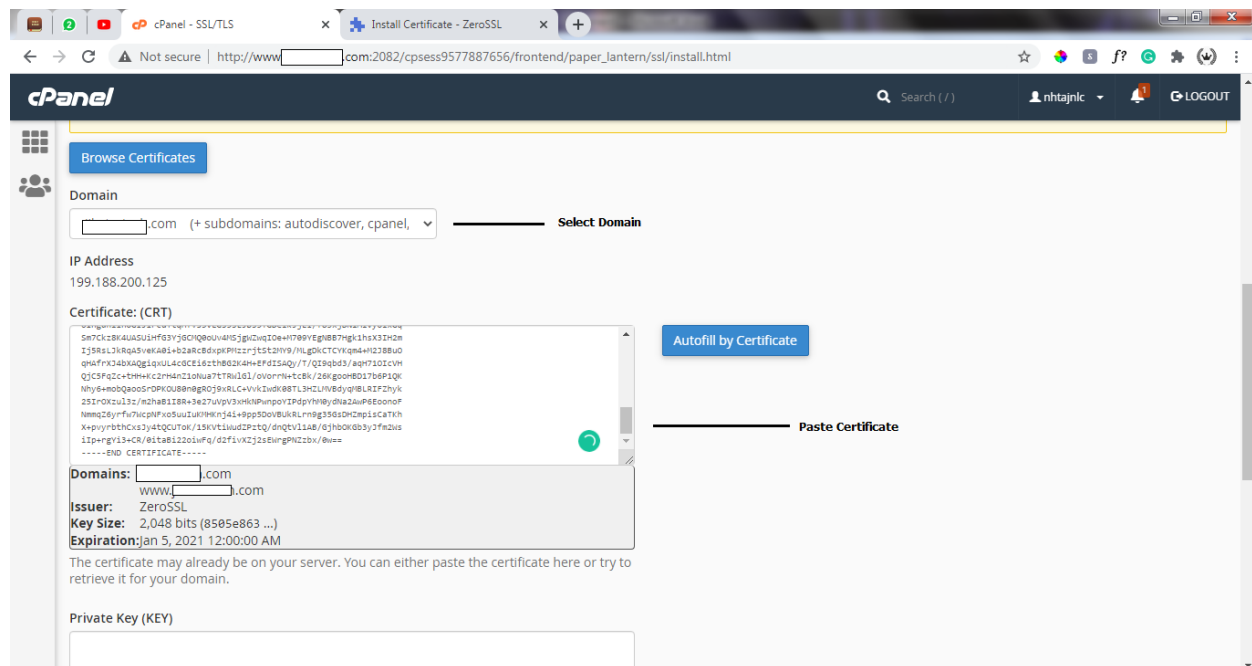


When we open with Notepad ++, We highlight, Copy and Paste where

required.

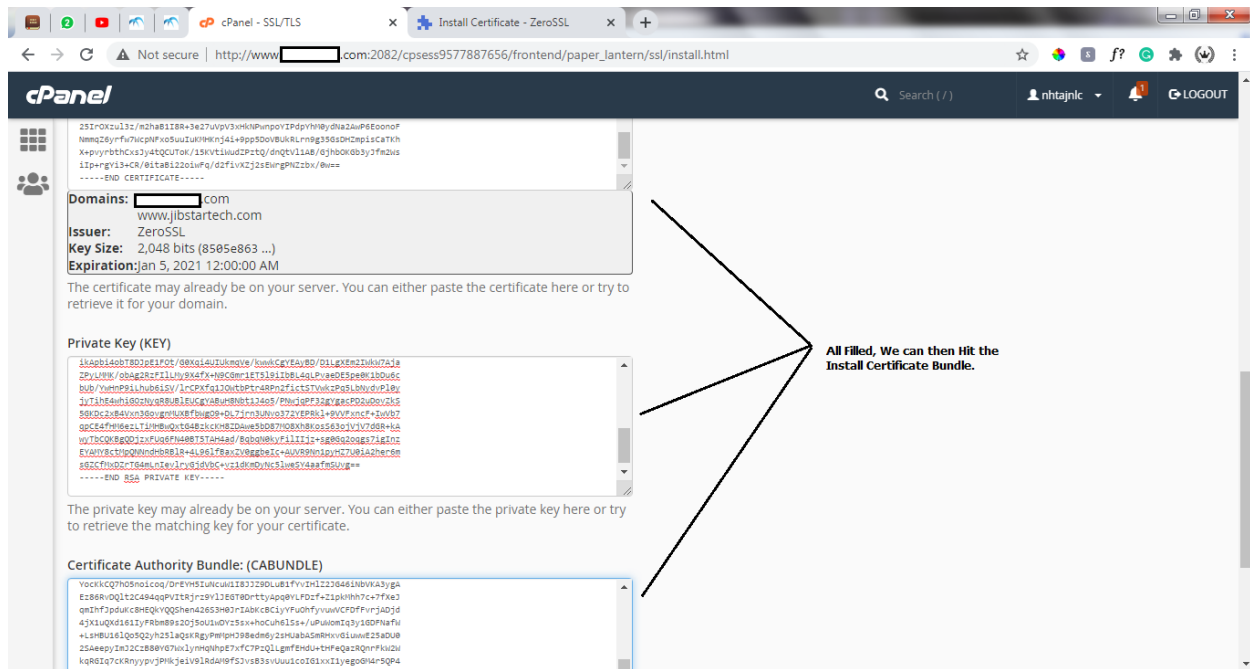


Copy codes and paste

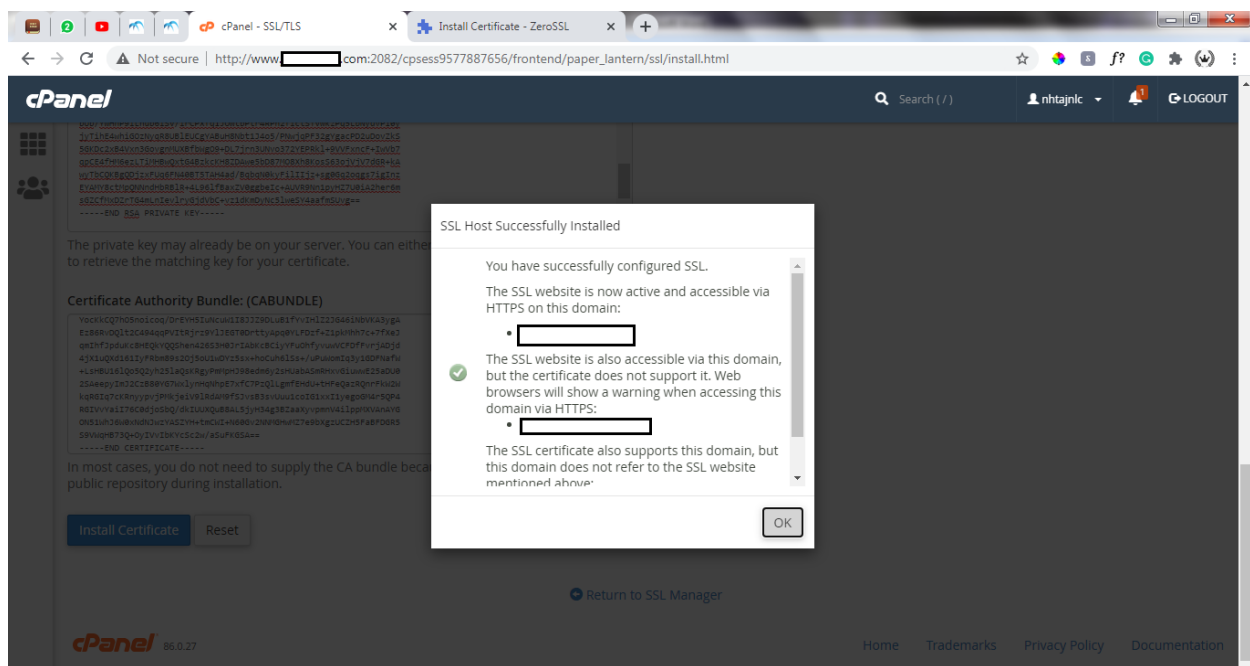


-- Next, We simply go to the extracted folder and do same for the private

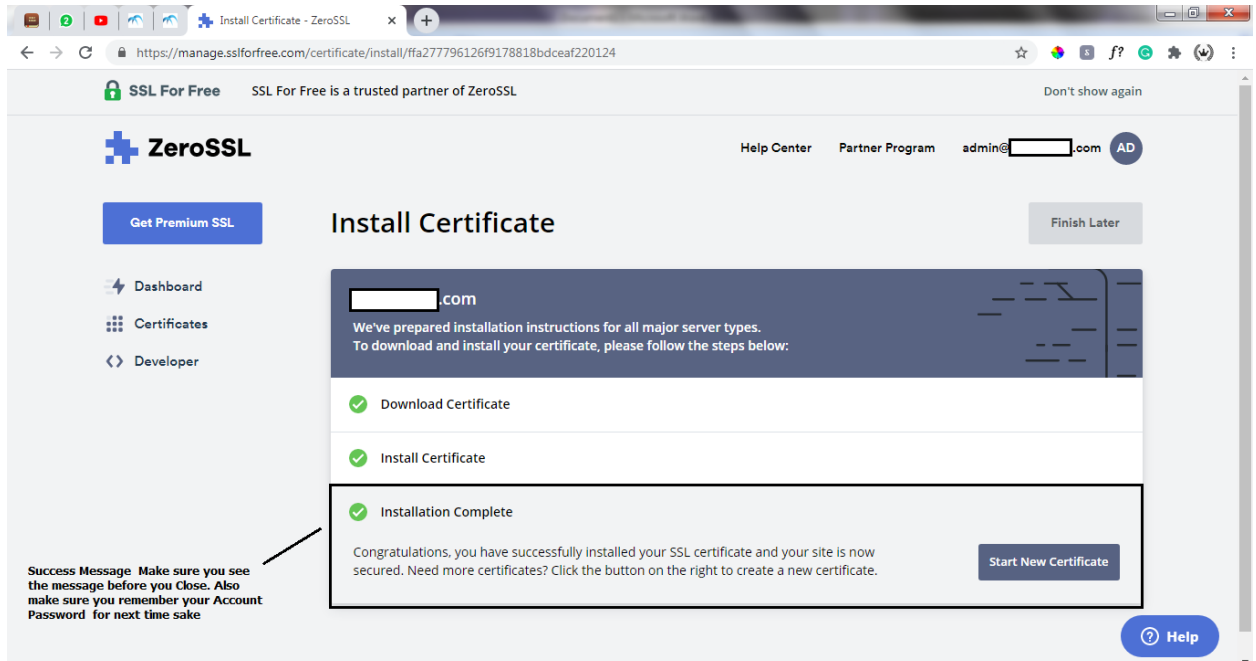
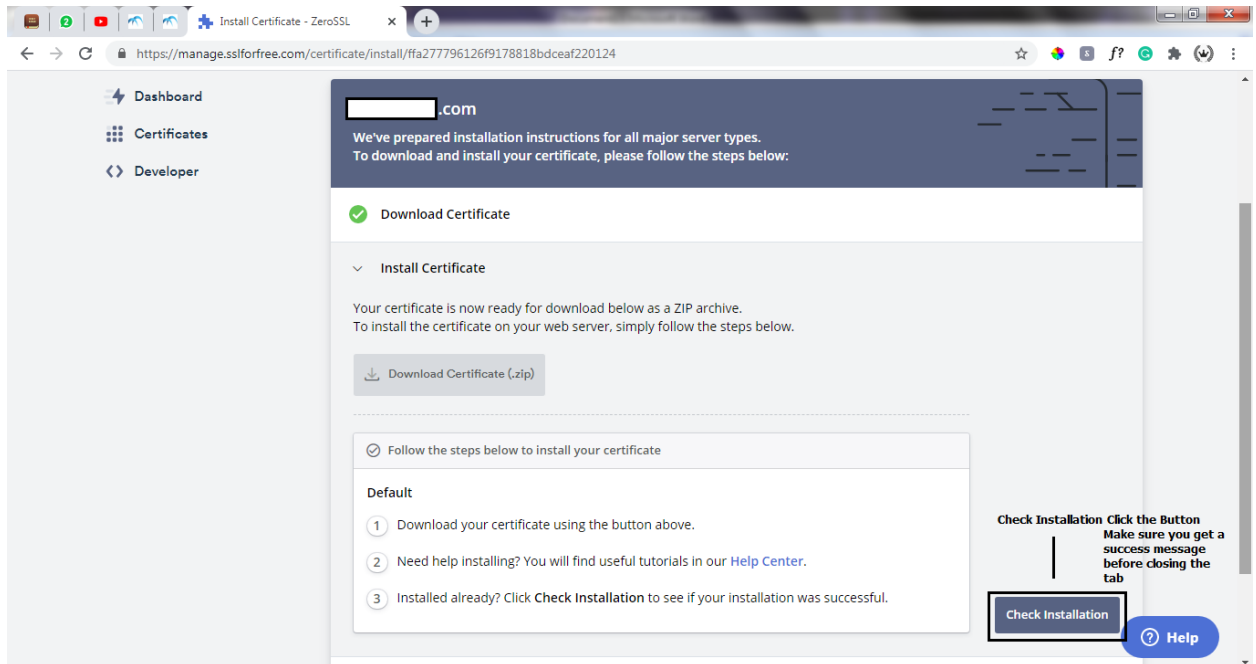
key and ca Bundle. Then we hit the Install certificate Button below



Hit the Install Certificate Button – If Done, You get a Success Message



- ✓ Lastly, We will need to go back to the OUR ZERO SSL DASHBOARD and hit the Check Installation Button



With This we are done. Reload your Website and see a Secured Website.

Keynotes -

- Have your cpanel Details.
- Create an email.
- Create an account on SSLforFree <https://www.sslforfree.com>
- Make sure you keep your Password safe for future references.
- The SSL Certificates last for only three Months (90 Days), After 90days we repeat the same process. That's

- Log into your sslforfree Account
- Go to certificates and Create New Certificate
- Use the email Address
- Verify Domain
- Download Certificate
- Install.

Thanks. Remember to share

Credits – <https://www.soutechventures.com>