

Step-by-Step Proper Wildcard Setup

Run:

```
certbot certonly \
--manual \
--preferred-challenges dns \
-d "*.skyblue.co.in" \
-d "skyblue.co.in"
```

It will show something like:

```
Please create a TXT record under:

_acme-challenge.skyblue.co.in

with value:

random_long_token_string
```

Step 1

Go to your DNS provider.

Create:

```
Type: TXT

Name: _acme-challenge.skyblue.co.in

Value: (the token certbot shows)

TTL: 300
```

Step 2 — Configure Nginx for Wildcard SSL

Edit:

```
nano /etc/nginx/sites-available/skyblue

Replace with:

server{

    listen 80;

    server_name *.skyblue.co.in;

    return 301 https://$host$request_uri;

}

server{

    listen 443 ssl;

    server_name *.skyblue.co.in;
```

```

ssl_certificate /etc/letsencrypt/live/skyblue.co.in/fullchain.pem;
ssl_certificate_key /etc/letsencrypt/live/skyblue.co.in/privkey.pem;

location / {
    proxy_pass http://localhost:5000;
    proxy_set_header Host $host;
    proxy_set_header X-Real-IP $remote_addr;
}

```

Then:

```

nginx -t
systemctl reload nginx

```

Now Test

```
https://client1.skyblue.co.in/api
```

Screenshots

```

root@skyblue:~ value(s) you've just added.

Press Enter to Continue^CExiting due to user request.
root@skyblue:~# certbot certonly --manual --preferred-challenges dns -d "*.skyblue.co.in" -d "skyblue.co.in"
Saving debug log to /var/log/letsencrypt/letsencrypt.log
Requesting a certificate for *.skyblue.co.in and skyblue.co.in

Please deploy a DNS TXT record under the name:
_acme-challenge.skyblue.co.in.

with the following value:
Genc3a8uJAxakp_mjJM8fEgw-QTqgxnxBlZxR1JL4

Before continuing, verify the TXT record has been deployed. Depending on the DNS provider, this may take some time, from a few seconds to multiple minutes. You can check if it has finished deploying with aid of online tools, such as the Google Admin Toolbox: https://toolbox.googleapps.com/apps/dig/#TXT/_acme-challenge.skyblue.co.in.
Look for one or more bolded line(s) below the line ':ANSWER'. It should show the value(s) you've just added.

Press Enter to Continue

Successfully received certificate.
Certificate is saved at: /etc/letsencrypt/live/skyblue.co.in-0002/fullchain.pem
Key is saved at: /etc/letsencrypt/live/skyblue.co.in-0002/privkey.pem
This certificate expires on 2024-05-09.
These files will be updated when the certificate renews.

NEXT STEPS:
- This certificate will not be renewed automatically. Autorenewal of --manual certificates requires the use of an authentication hook script (--manual-auth-hook) but one was not provided. To renew this certificate, repeat this same certbot command before the certificate's expiry date.

If you like Certbot, please consider supporting our work by:
* Donating to ISRG / Let's Encrypt: https://letsencrypt.org/donate
* Donating to EFF: https://eff.org/donate-le

root@skyblue:~#

```

Screenshot of the new.contabo.com Customer Panel showing the DNS Management interface.

The left sidebar menu includes:

- Servers & Hosting
- Network Services
 - Private Networking
 - IP Assignment
- DNS Management
- Storage
- Domains
- DPA
- Account
- Support

The main content area displays a table of existing DNS records for the domain skyblue.co.in:

Name	Type	TTL	Data
skyblue.co.in	A	86400	144.91.84.196
skyblue.co.in	MX	86400	mail.skyblue.co.in
skyblue.co.in	NS	3600	ns1.contabo.net
skyblue.co.in	NS	3600	ns2.contabo.net
skyblue.co.in	NS	3600	ns3.contabo.net
skyblue.co.in	SOA	3600	ns1.contabo.net.
www.skyblue.co.in	A	86400	144.91.84.196

A modal window titled "Create new record" is open on the right, prompting for a new resource record for the zone skyblue.co.in:

Create new record

Add a new resource record to DNS zone for skyblue.co.in

Name

TTL seconds

Type

Data

Add record Cancel