

ZeroSSL ?????SSL??????

ZeroSSL [] SSL[] 90
[] ZeroSSL[] SSL[]

[] ZeroSSL [] SSL[]
[] ZeroSSL []

```
| [ ] | [ ] |  
| :----- | :----- |  
| ** [ ] ** | [ ] IP [ ] |  
| ** [ ] ** | 90 [ ] |  
| ** [ ] ** | [ ] ACME [ ] |  
| ** [ ] ** | DNS [ ] HTTP [ ] |  
| ** [ ] ** | [ ] ACME [ ] acme.sh [ ] |
```

[] [] ZeroSSL[] SSL[]
[] ZeroSSL[]

```mermaid

flowchart TD

```
A[[] ZeroSSL[]] --> B[[]]
B --> C[[] 90 []]
C --> D[[]]
D --> D1[DNS []]
D --> D2[HTTP []]
D --> D3[[]]
D1 --> E[[]]
D2 --> E
D3 --> E
E --> F[[]]
F --> G[[]]
...
```

[ ]

1. \*\* [ ] ZeroSSL [ ] \*\*  
\* [ ] ZeroSSL [ ] ([https://zerossll.com])(https://zerossll.com))  
\* [ ] "Get Free SSL" [ ] "Sign Up" [ ]

2. \*\* [ ] \*\*  
\* [ ] "\*\*\*New Certificate\*\*"  
\* [ ] \*\* [ ] \*\* [ ] IP [ ] SSL [ ] IP [ ]



```

```nginx
server {
    listen 80;
    server_name your_domain.com www.your_domain.com;
    return 301 https://$server_name$request_uri;
}
```

```

4. `**[ ] Nginx**[ ]` Nginx[ ]

```

```bash
sudo nginx -t # [ ]
sudo systemctl restart nginx # [ ] Nginx
```

```

```

[] []
ZeroSSL[] 90[]

```

```

* **[] **[] ZeroSSL[] ZeroSSL[] 14
[]

```

```

* **[] **[] ACME[] **acme.sh**[]
* **[] acme.sh**[]

```

```

```bash
curl https://get.acme.sh | sh
source ~/.bashrc
```

```

```

* **[] ZeroSSL[] CA**[] EAB[] ZeroSSL[]
```bash

```

```

acme.sh --set-default-ca --server zerossl
export ZERO_EAB_KEY="[ ] _eab_key"
export ZERO_EAB_HMAC="[ ] _eab_hmac"
```

```

```

* **[] **[] DNS API[]
```bash

```

```

export DP_Id="[ ] _DNS_API_ID"
export DP_Key="[ ] _DNS_API_Key"
acme.sh --issue --dns dns_dp -d your_domain.com -d *.your_domain.com
```

```

```

* **[] **[] Web[]
```bash

```

```

acme.sh --install-cert -d your_domain.com \
--key-file /etc/ssl/your_domain.com/private.key \
--fullchain-file /etc/ssl/your_domain.com/fullchain.cer \
--reloadcmd "systemctl reload nginx"
```

```

```

acme.sh[] cron[]

```





...

```
3. **[] Nginx**[] Nginx[[]] /etc/nginx/sites-available/
[[]] SSL[[]]
```nginx
server {
    listen 443 ssl;
    server_name your_domain.com www.your_domain.com;

    ssl_certificate /etc/ssl/your_domain_name/zerossl_combined.crt;
    ssl_certificate_key /etc/ssl/your_domain_name/private.key;

    # [] ...
}
...
```

...

```
[[]] HTTP[] HTTPS[[]]
```

```
```nginx
server {
 listen 80;
 server_name your_domain.com www.your_domain.com;
 return 301 https://$server_name$request_uri;
}
...
```

...

```
4. **[] Nginx**[[]] Nginx[[]]
```bash
sudo nginx -t # []
sudo systemctl restart nginx # [] Nginx
...
```

```
### [] [[]]
```

```
ZeroSSL[[]] 90[[]]
```

```
* **[] **[] ZeroSSL[[]] ZeroSSL[[]] 14
```

```
[[]]
```

```
* **[[]] **[[]] ACME[[]] **acme.sh**[[]]
```

```
* **[] acme.sh**[]
```

```
```bash
```

```
curl https://get.acme.sh | sh
```

```
source ~/.bashrc
```

```
...
```

```
* **[] ZeroSSL[[]] CA**[[]] EAB[[]] ZeroSSL[[]]
```

```
```bash
```

```
acme.sh --set-default-ca --server zerossl
```

```
export ZERO_EAB_KEY="[[]] _eab_key"
```

```
export ZERO_EAB_HMAC="[[]] _eab_hmac"
```

```
...
```

```
* **[] **[] DNS API[[]]
```

```
```bash
export DP_Id="" _DNS_API_ID"
export DP_Key="" _DNS_API_Key"
acme.sh --issue --dns dns_dp -d your_domain.com -d *.your_domain.com
```
```

```
* ** Web
```

```
```bash
acme.sh --install-cert -d your_domain.com \
--key-file /etc/ssl/your_domain.com/private.key \
--fullchain-file /etc/ssl/your_domain.com/fullchain.cer \
--reloadcmd "systemctl reload nginx"
```
```

```
acme.sh cron
```

```
###
```

```
* ** ZeroSSL **3 **
* ** **
* **DNS ** DNS acme.sh
* **HTTP ** Web
* ** **
* **.key`
* ** Web Nginx `zerossl_combined.crt`
**
* **IP ** ZeroSSL IP SSL HTTP
** ZeroSSL SSL
** ZeroSSL
```

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