

# Альтернативы NGROK на PHP Expose

<https://expose.dev>

## Установка

<https://expose.dev/docs/getting-started/installation>

Нужно скопировать бинарник (для запуска нужен PHP)

```
curl https://github.com/beyondcode/expose/raw/master/builds/expose -L --output expose
chmod +x expose
```

## Серверный режим

```
./expose serve ngrok.wtolk.ru --port=3000
```

Указываем домен (будет работать на поддоменах) и порт. Как вариант можно использовать докер :

```
version: "3"
services:
  expose:
    image: beyondcodegmbh/expose-server:latest
    ports:
      - 3002:3002
    environment:
      port: 3002
      domain: tun.wtolk.ru
      username: seryak
      password: wtolk2210
    restart: always
```

```
volumes:  
  - ./database/expose.db: /root/.expose
```

Админка доступна по домену `expose.domain` . Важно задать права на запись для базы SQLite

Пример конфига для вебсервера Caddy (указываем порт который включили в expose)

```
http://ngrok.wtolk.ru {  
  reverse_proxy * http://php80:3000  
}  
  
http://*.ngrok.wtolk.ru {  
  reverse_proxy * http://php80:3000  
}
```

## Клиентский режим

```
./expose share --subdomain=ola http://mesphp.web
```

Запускать нужно на основной машине (не в докере).

Пример конфиг файла (.expose.php рядом с бинарником)

```
<?php  
  
return [  
  
  /*  
  |-----  
  | Servers  
  |-----  
  |  
  | The available Expose servers that your client can connect to.  
  | When sharing sites or TCP ports, you can specify the server  
  | that should be used using the `--server=` option.  
  |  
  */
```

```

'servers' => [
  'main' => [
    'host' => 'tun.wtolk.ru',
    'port' => 3002,
  ],
],

/*
|-----
| Server Endpoint
|-----
|
| When you specify a server that does not exist in above static array,
| Expose will perform a GET request to this URL and tries to retrieve
| a JSON payload that looks like the configurations servers array.
|
| Expose then tries to load the configuration for the given server
| if available.
|
*/
'server_endpoint' => '',

/*
|-----
| Default Server
|-----
|
| The default server from the servers array,
| or the servers endpoint above.
|
*/
'default_server' => 'main',

/*
|-----
| DNS
|-----
|
| The DNS server to use when resolving the shared URLs.
| When Expose is running from within Docker containers, you should set this to

```

```
| `true` to fall-back to the system default DNS servers.
|
*/
'dns' => '127.0.0.1',

/*
|-----
| Auth Token
|-----
|
| The global authentication token to use for the expose server that you
| are connecting to. You can let expose automatically update this value
| for you by running
|
| > expose token YOUR-AUTH-TOKEN
|
*/
'auth_token' => '27b3a491-71e8-4a12-b6ee-87011e139de0',

/*
|-----
| Default Domain
|-----
|
| The custom domain to use when sharing sites with Expose.
| You can register your own custom domain using Expose Pro
| Learn more at: https://expose.dev/get-pro
|
| > expose default-domain YOUR-CUSTOM-WHITELABEL-DOMAIN
|
*/
'default_domain' => null,

/*
|-----
| Default TLD
|-----
|
| The default TLD to use when sharing your local sites. Expose will try
| to look up the TLD if you are using Laravel Valet automatically.
```

```
| Otherwise you can specify it here manually.
|
*/
'default_tld' => 'web',

/*
|-----
| Default HTTPS
|-----
|
| Whether to use HTTPS as a default when sharing your local sites. Expose
| will try to look up the protocol if you are using Laravel Valet
| automatically. Otherwise you can specify it here manually.
|
*/
'default_https' => false,

/*
|-----
| Maximum Logged Requests
|-----
|
| The maximum number of requests to keep in memory when inspecting your
| requests and responses in the local dashboard.
|
*/
'max_logged_requests' => 25,

/*
|-----
| Maximum Allowed Memory
|-----
|
| The maximum memory allocated to the expose process.
|
*/
'memory_limit' => '128M',

/*
|-----
```

| Skip Response Logging

|-----

|

| Sometimes, some responses don't need to be logged. Some are too big,  
| some can't be read (like compiled assets). This configuration allows you  
| to be as granular as you wish when logging the responses.

|

| If you run constantly out of memory, you probably need to set some of these up.

|

| Keep in mind, by default, BINARY requests/responses are not logged.

| You do not need to add video/mp4 for example to this list.

|

\*/

'skip\_body\_log' => [

/\*\*

\* | Skip response logging by HTTP response code. Format: 4\*, 5\*.

\*/

'status' => [

// "4\*"

],

/\*\*

\* | Skip response logging by HTTP response content type. Ex: "text/css".

\*/

'content\_type' => [

//

],

/\*\*

\* | Skip response logging by file extension. Ex: ".js.map", ".min.js",  
".min.css".

\*/

'extension' => [

'.js.map',

'.css.map',

],

/\*\*

\* | Skip response logging if response size is greater than configured value.

\* | Valid suffixes are: B, KB, MB, GB.

\* | Ex: 500B, 1KB, 2MB, 3GB.

\*/

'size' => '1MB',

```
],

'admin' => [

  /*
  |-----
  | Database
  |-----
  |
  | The SQLite database that your expose server should use. This database
  | will hold all users that are able to authenticate with your server,
  | if you enable authentication token validation.
  |
  */
  'database' => implode(DIRECTORY_SEPARATOR, [
    $_SERVER['HOME'] ?? __DIR__,
    '.expose',
    'expose.db',
  ]),

  /*
  |-----
  | Validate auth tokens
  |-----
  |
  | By default, once you start an expose server, anyone is able to connect to
  | it, given that they know the server host. If you want to only allow the
  | connection from users that have valid authentication tokens, set this
  | setting to true. You can also modify this at runtime in the server
  | admin interface.
  |
  */
  'validate_auth_tokens' => false,

  /*
  |-----
  | TCP Port Sharing
  |-----
  |
  | Control if you want to allow users to share TCP ports with your Expose
```

```
| server. You can add fine-grained control per authentication token,  
| but if you want to disable TCP port sharing in general, set this  
| value to false.  
|  
*/  
'allow_tcp_port_sharing' => true,  
  
/*  
|-----  
| TCP Port Range  
|-----  
|  
| Expose allows you to also share TCP ports, for example when sharing your  
| local SSH server with the public. This setting allows you to define the  
| port range that Expose will use to assign new ports to the users.  
|  
| Note: Do not use port ranges below 1024, as it might require root  
| privileges to assign these ports.  
|  
*/  
'tcp_port_range' => [  
  'from' => 50000,  
  'to' => 60000,  
],  
  
/*  
|-----  
| Maximum connection length  
|-----  
|  
| If you want to limit the amount of time that a single connection can  
| stay connected to the expose server, you can specify the maximum  
| connection length in minutes here. A maximum length of 0 means that  
| clients can stay connected as long as they want.  
|  
*/  
'maximum_connection_length' => 0,  
  
/*  
|-----
```

```
| Maximum number of open connections
|-----
|
| You can limit the amount of connections that one client/user can have
| open. A maximum connection count of 0 means that clients can open
| as many connections as they want.
|
| When creating users with the API/admin interface, you can
| override this setting per user.
|
*/
'maximum_open_connections_per_user' => 0,

/*
|-----
| Subdomain
|-----
|
| This is the subdomain that your expose admin dashboard will be available at.
| The given subdomain will be reserved, so no other tunnel connection can
| request this subdomain for their own connection.
|
*/
'subdomain' => 'expose',

/*
|-----
| Reserved Subdomain
|-----
|
| Specify any subdomains that you don't want to be able to register
| on your expose server.
|
*/
'reserved_subdomains' => [],

/*
|-----
| Subdomain Generator
|-----
```

```

|
| This is the subdomain generator that will be used, when no specific
| subdomain was provided. The default implementation simply generates
| a random string for you. Feel free to change this.
|
|
*/
' subdomain_generator' =>
\App\Server\SubdomainGenerator\RandomSubdomainGenerator::class,

/*
|-----
| Users
|-----
|
| The admin dashboard of expose is protected via HTTP basic authentication
| Here you may add the user/password combinations that you want to
| accept as valid logins for the dashboard.
|
*/
' users' => [
    ' username' => ' password',
],

/*
|-----
| User Repository
|-----
|
| This is the user repository, which by default loads and saves all authorized
| users in a SQLite database. You can implement your own user repository
| if you want to store your users in a different store (Redis, MySQL, etc.)
|
*/
' user_repository' => \App\Server\UserRepository\DatabaseUserRepository::class,

' subdomain_repository' =>
\App\Server\SubdomainRepository\DatabaseSubdomainRepository::class,

' logger_repository' => \App\Server\LoggerRepository\NullLogger::class,

```

```

/*
|-----
| Messages
|-----
|
| The default messages that the expose server will send the clients.
| These settings can also be changed at runtime in the expose admin
| interface.
|
*/
'messages' => [
  'resolve_connection_message' => function ($connectionInfo, $user)
{
    return config('expose.admin.messages.message_of_the_day');
  },

  'message_of_the_day' => 'Thank you for using expose.',

  'invalid_auth_token' => 'Authentication failed. Please check your authentication
token and try again.',

  'subdomain_taken' => 'The chosen subdomain :subdomain is already taken. Please
choose a different subdomain.',

  'subdomain_reserved' => 'The chosen subdomain :subdomain is not available. Please
choose a different subdomain.',

  'custom_subdomain_unauthorized' => 'You are not allowed to specify custom
subdomains. Please upgrade to Expose Pro. Assigning a random subdomain instead.',

  'custom_domain_unauthorized' => 'You are not allowed to use this custom
domain.',

  'tcp_port_sharing_unauthorized' => 'You are not allowed to share TCP ports.
Please upgrade to Expose Pro.',

  'no_free_tcp_port_available' => 'There are no free TCP ports available on this
server. Please try again later.',

  'tcp_port_sharing_disabled' => 'TCP port sharing is not available on this Expose

```

```
server.',  
    ],  
  
    'statistics' => [  
        'enable_statistics' => true,  
  
        'interval_in_seconds' => 3600,  
  
        'repository' =>  
        \App\Server\StatisticsRepository\DatabaseStatisticsRepository::class,  
    ],  
],  
];
```

---

Версия #2

Seryak создал Fri, Nov 12, 2021 10:33 AM

Seryak обновил Sun, Jan 16, 2022 4:24 AM