

How to configure NGINX to Listen on IPv6

IPv6 is quickly becoming standard. If your VM already supports it, you just need to tell NGINX to listen on an IPv6 socket.

(If IPv6 is disabled on the VM itself, start with the “Enable IPv6 on your VM” article and come back here.)

1. Open the dashboard

1. Go to your project → **Services** → **Security** tab.
2. Click **NGINX Configuration** > **Show config**.

Overview	Tools	Backups	Metrics	Monitoring	Logs	Audit	Security	Alerts	Notes
Enable/Disable Firewall							⚠ Disable firewall will delete existing rules	Disable Firewall	Show Setting
Rate Limiter								Show Options	
Output Cache								Show Options	
Manage SSH Keys								Show Setting	
Nginx Configuration								Show Config	

2 . Edit the server block for your domain

Choose your domain and find edit the NGINX config then find

```
listen 443 ssl http2;
```

Add the IPv6 line directly beneath:

```
listen 443 ssl http2;  
listen [::]:443 ssl http2;
```

(Keep the original IPv4 line—now NGINX will listen on both stacks.)

Update Nginx Config



```
1 map $http_upgrade $connection_upgrade {
2     default upgrade;
3     '' close;
4 }
5
6 proxy_cache_path /tmp levels=1:2 keys_zone=my_cache:10m max_size=1g inactive=60m use_temp_path=off;
7 limit_req_zone $binary_remote_addr$http_x_forwarded_for zone=ipr1:16m rate=500r/m;
8
9 server {
10
11     listen 443 ssl http2;
12     listen [::]:443 ssl http2;
13
14     ssl_certificate /etc/nginx/certs/cert.pem;
15     ssl_certificate_key /etc/nginx/certs/key.pem;
16     server_name opnform-testing-u16.vm.elestio.app;
17
18     ssl_protocols TLSv1.2 TLSv1.3;
19     ssl_prefer_server_ciphers on;
20     ssl_ciphers ECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-RSA-AES128-GCM-SHA256:ECDHE-ECDSA-AES256-GCM-SHA384:ECDHE-RSA-AES256-GCM-SHA384:ECDHE-ECDSA-CHACHA20-POI
21
22     client_header_buffer_size 32k;
23     large_client_header_buffers 4 64k;
24
25     access_log flush=1s;
26     #access_log /var/log/nginx/access_log;
27     #error_log /var/log/nginx/error_log;
28
29     location / {
30         content_by_lua_block {
31             ngx.header['server'] = 'Elestio'
```

Cancel

Apply

Apply & Restart

Click **Apply & Restart**. NGINX reloads and your server is now ready to serve HTTPS traffic over IPv6.

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