

Proxy Setup

NGINX default template

Proxy setup

It is recommended to run a web proxy behind the frontend and backend for optimized installation.

Currently all urlsexcept the following should be routed to the backend:

...

```
Copy = / /_next /node-api /apps /account /accounts /static /auth/profile /auth/unverified-email /txs /tx /blocks /block /login /address /stats /search-results /token /tokens /visualize /api-docs /csv-export /verified-contracts /graphql /withdrawals /l2-output-roots /l2-txn-batches /l2-withdrawals /l2-deposits
```

...

NOTE: only exact path to/ should be followed to the frontend

Example Config File

This is an example configuration for NGINX. It is also located in the Blockscout repo at [locker-compose/proxy/default.conf.template](#)

In this example the frontend and backend are forwarded to port80 , meaning the new frontend will be available on localhost without needing to specify a port number.

...

```
Copy map http_upgrade connection_upgrade {
```

```
default upgrade; " close; }
```

```
server { listen 80; server_name localhost; proxy_http_version 1.1;
```

```
location / { proxy_pass http://backend:4000; proxy_http_version 1.1; proxy_set_header Host "host"; proxy_set_header X-Real-IP "remote_addr"; proxy_set_header X-Forwarded-For "proxy_add_x_forwarded_for"; proxy_set_header X-Forwarded-Proto "scheme"; proxy_set_header Upgrade "http_upgrade"; proxy_set_header Connection connection_upgrade; proxy_cache_bypass http_upgrade; } location = / { proxy_pass http://frontend:3000; proxy_http_version 1.1; proxy_set_header Host "host"; proxy_set_header X-Real-IP "remote_addr"; proxy_set_header X-Forwarded-For "proxy_add_x_forwarded_for"; proxy_set_header X-Forwarded-Proto "scheme"; proxy_set_header Upgrade "http_upgrade"; proxy_set_header Connection connection_upgrade; proxy_cache_bypass http_upgrade; } location ~ ^(/_next|node-api|apps|account|accounts|static|auth/profile|auth/unverified-email|txs|tx|blocks|block|login|address|stats|search-results|token|tokens|visualize|api-docs|csv-export|verified-contracts|graphql|withdrawals) { proxy_pass http://frontend:3000; proxy_http_version 1.1; proxy_set_header Host "host"; proxy_set_header X-Real-IP "remote_addr"; proxy_set_header X-Forwarded-For "proxy_add_x_forwarded_for"; proxy_set_header X-Forwarded-Proto "scheme"; proxy_set_header Upgrade "http_upgrade"; proxy_set_header Connection connection_upgrade; proxy_cache_bypass http_upgrade; } } server { listen 8080; server_name localhost; proxy_http_version 1.1; proxy_hide_header Access-Control-Allow-Origin; proxy_hide_header Access-Control-Allow-Methods; add_header 'Access-Control-Allow-Origin' 'http://localhost' always; add_header 'Access-Control-Allow-Credentials' 'true' always; add_header 'Access-Control-Allow-Methods' 'PUT, GET, POST, OPTIONS, DELETE, PATCH' always;
```

```
location / { proxy_pass http://stats:8050; proxy_http_version 1.1; proxy_set_header Host "host"; proxy_set_header X-Real-IP "remote_addr"; proxy_set_header X-Forwarded-For "proxy_add_x_forwarded_for"; proxy_set_header X-Forwarded-Proto "scheme"; proxy_set_header Upgrade "http_upgrade"; proxy_set_header Connection connection_upgrade; proxy_cache_bypass http_upgrade; } }
```

...

NOTE: For production usage you should add at a minimum the correctserver_name ([ieeth.blockscout.com](#)) and TLS info (ssl_certificate ,ssl_certificate_key ,other required variables?) at a minimum. NOTE: Here thestats service also uses separate port on nginx, but for production usage we recommend a separate hostname for stats. CORS policy for stats should allow the frontend domain.

Last updated6 months ago