

NGINX AS REVERSE PROXY

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ANALINEAR IMAGING SYSTEMS.

To configure Nginx to forward requests to multiple backend services, you can extend the existing configuration to include a new location block for your backend service running on port 5000. Here's an example:

1. Update your `nginx.conf` file to include the configuration for both the React app (running on port 3000) and the backend service (running on port 5000):

```
# nginx.conf

server {

    listen 8080;

    server_name localhost; # Change this to your domain if applicable

    location /react-app {

        proxy_pass http://localhost:3000;

        proxy_http_version 1.1;

        proxy_set_header Upgrade $http_upgrade;

        proxy_set_header Connection 'upgrade';

        proxy_set_header Host $host;

        proxy_cache_bypass $http_upgrade;

    }

    location /backend-api {

        proxy_pass http://localhost:5000;

        # Add any additional proxy configurations for the backend service

    }

    # Additional configurations can be added as needed

}
```

In this example, requests to `/react-app` will be forwarded to the React app running on port 3000, and requests to `/backend-api` will be forwarded to the backend service running on port 5000.

2. Restart Nginx to apply the changes:

`sudo service nginx restart` # or use the appropriate command for your system

3. Access your React app at `http://localhost:8080/react-app` and your backend service at `http://localhost:8080/backend-api`. Adjust the paths (`/react-app` and `/backend-api`) and configuration based on your specific requirements.

This configuration assumes that both the React app and the backend service are running on the same machine. If they are running on different machines, replace `localhost` in the `proxy_pass` directives with the appropriate IP address or domain name.