NGINX Fix: Unknown `$scheme_name` Variable

🔍 Problem

NGINX failed to start with the following error:

[emerg] unknown "scheme_name" variable

This happened while launching the NGINX service using: sudo systemctl start nginx

📌 Root Cause

- The NGINX configuration used an undefined variable: $scheme_name.
- This caused the NGINX config test to fail and blocked the service from starting.
- The error originated from this file:

/srv/www/apps/revenue_accounting/docker_files/ra-location-block.conf

🔧 Affected Configuration (Before Fix)

nginx

proxy_pass http://app;

proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;

proxy_set_header Host $host;

proxy_set_header X-Forwarded-Proto $scheme_name; # <--- undefined!

proxy_redirect off;

🩹 Troubleshooting & Resolution Steps

✅ Reviewed the configuration file

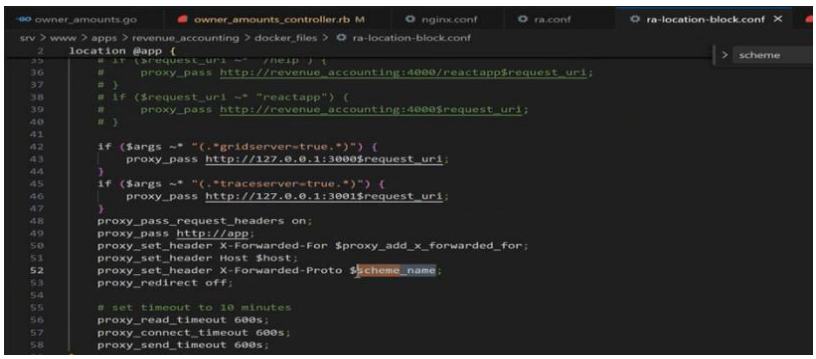
Path:

/srv/www/apps/revenue_accounting/docker_files/ra-location-block.conf

✅ Identified and replaced the undefined variable

nginx

proxy_set_header X-Forwarded-Proto localhost;



 Restarted NGINX

bash

sudo systemctl start nginx

 Verified service status

bash

sudo systemctl status nginx

☑ **Final Working Configuration (After Fix)**

nginx

proxy_pass http://app;

proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;

proxy_set_header Host $host;

proxy_set_header X-Forwarded-Proto localhost;

proxy_redirect off;

NGINX started successfully without any errors after applying the fix.