

Technical Assessment Report: Roozmari Academy Access Issue

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Executive Summary

A re-examination of the environment was completed. No server-side files, configurations, or application content were modified during the assessment. The investigation determined that the primary cause of the public-facing issue is an upstream Traefik routing configuration problem. Requests to the Academy application are being intercepted and rejected by Traefik before reaching the aaPanel-managed web server stack.

In addition to the Traefik routing issue, several secondary configuration inconsistencies were identified within the local web server environment that will require remediation once external routing is corrected.

Investigation Scope

The assessment focused on determining why requests to the Academy application at:

<https://roozmari.com/academy/>

were returning an HTTP 404 response.

No corrective actions or configuration changes were performed during this review. The findings below reflect the current state of the environment at the time of examination.

Findings

1. Public Requests Are Being Handled by Traefik

Testing confirmed that requests to the public URL are being processed by Traefik rather than the aaPanel-managed Nginx/Apache virtual host configuration.

Observed response characteristics:

- Certificate presented: **TRAEFIK DEFAULT CERT**
- Response returned: **HTTP/2 404**

Docker container inspection confirmed that Traefik is bound to the public HTTP and HTTPS ports:

```
traefik 0.0.0.0:80->80/tcp
        0.0.0.0:443->443/tcp
```

Firewall/NAT rules further confirmed that inbound traffic on ports 80 and 443 is redirected to the Traefik container:

```
--dport 80 -> 172.18.0.4:80
--dport 443 -> 172.18.0.4:443
```

As a result, external requests never reach the aaPanel web server directly.

2. Missing Traefik Router Configuration for Roozmari.com

Review of the Docker labels assigned to the application container showed that Traefik currently routes traffic only for the following hostnames:

```
Host(`nwi.aey.mybluehost.me`)
Host(`129.121.87.145`)
```

No Traefik router configuration exists for:

```
roozmari.com
www.roozmari.com
```

Because no matching router is defined, Traefik serves its default response and returns an HTTP 404 error before any request reaches the application or web root.

Impact

Requests to:

`https://roozmari.com/academy/`

are rejected at the Traefik layer and never reach:

`/www/wwwroot/roozmari.com/academy`

3. Local Web Server Returns HTTP 403

Testing performed locally against the domain resolution path revealed an additional issue:

`roozmari.com -> 127.0.0.1 -> HTTP 403`

This indicates that once Traefik routing is corrected, requests may still encounter access restrictions originating from the Apache configuration or associated `.htaccess` rules.

Impact

Even after external routing is fixed, the Academy application may remain inaccessible until the local access control configuration is reviewed and corrected.

4. PHP-FPM Socket Misconfiguration

Apache is currently configured to use the following PHP socket:

`/tmp/php-cgi-00.sock`

However, the active PHP-FPM socket available on the server is:

`/tmp/php-cgi-83.sock`

This mismatch results in PHP processing failures and locally generated HTTP 503 errors.

Impact

Dynamic PHP content will not execute successfully until Apache is configured to use the active PHP-FPM socket.

5. aaPanel Document Root Configuration Inconsistency

Current aaPanel virtual host configuration files on disk indicate that the site document root is configured as:

```
/www/server/stop
```

instead of the expected production web root:

```
/www/wwwroot/roozmari.com
```

Impact

Even after Traefik routing and PHP configuration issues are resolved, the website may still fail to serve the intended content if the document root remains pointed to the placeholder directory.

Root Cause

The immediate cause of the public-facing HTTP 404 error is the absence of a Traefik router definition for the Roozmari domain. Public requests are intercepted by Traefik, which has no matching routing rule and therefore returns its default 404 response.

Additional Configuration Issues Identified

The following issues were also identified and should be addressed after Traefik routing is corrected:

1. Local Apache/.htaccess configuration generates HTTP 403 responses for /academy/.
2. Apache references a non-existent PHP-FPM socket (/tmp/php-cgi-00.sock).

3. aaPanel virtual host files point to an incorrect document root (/www/server/stop).
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Recommended Remediation Sequence

1. Create or update Traefik router rules for:
 - roozmari.com
 - www.roozmari.com
 2. Verify that Traefik forwards requests to the correct backend service/container.
 3. Correct the aaPanel virtual host document root to:
 4. /www/wwwroot/roozmari.com
 5. Resolve the Apache/PHP-FPM socket mismatch by updating Apache to use the active PHP socket.
 6. Review Apache configuration and .htaccess rules responsible for the HTTP 403 response on /academy/.
 7. Perform end-to-end validation to confirm:
 - Successful Traefik routing
 - Correct document root resolution
 - PHP execution functionality
 - Accessibility of /academy/
 - Valid SSL certificate presentation for the Roozmari domain
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Professional Assessment and Recommendation

Based on the findings, the primary issue appears to be a conflict between the current Docker deployment and the existing server configuration. The environment shows signs that the migration was not completed in accordance with aaPanel best practices, and that multiple configuration changes were subsequently introduced in an attempt to restore functionality.

As a result, the server is currently in an inconsistent state, with several overlapping configuration issues affecting routing, web server behavior, PHP execution, and document root management. These conditions make it difficult to

isolate and resolve individual errors with confidence, as fixing one issue may expose or create additional problems elsewhere in the stack.

For this reason, my recommendation would be to perform a clean migration rather than continue applying incremental fixes to the existing environment. A clean deployment would provide a stable and predictable baseline, significantly reducing both troubleshooting time and long-term maintenance risks.

If the original Roozmari website backup can be provided, I can perform a complete migration and properly configure the server environment for a fixed cost of **\$48**.

If a clean migration is not preferred, I would recommend engaging a specialist who is willing to continue troubleshooting the current configuration. While that approach is certainly possible, I do not believe it represents the most efficient, cost-effective, or reliable path to a stable production environment.

Conclusion

No server files were modified during this assessment. The primary issue is an upstream Traefik routing configuration that prevents requests for `roozmari.com` from reaching the aaPanel web server environment. Several additional local configuration inconsistencies were also identified that will require remediation after the Traefik routing issue has been addressed.