

# Patching DRSA

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### Langkah-langkah yang dilaksanakan untuk patching

1. Backup terlebih dahulu database server sedia ada (10.29.217.31)

```
mysqldump -u root -p mampu > mampu-20250702.sql
```

2. Drop table berkaitan frontend

```
mysql -u root -p
```

```
DROP TABLE frontend_content
```

```
DROP TABLE frontend_content_assign
```

```
DROP TABLE frontend_page
```

3. Import semula SQL dari server dev (frontend.sql)

```
mysql -u root -p mampu < frontend.sql
```

4. Adjust setting NGINX untuk mengeluarkan nonce-requestid header server-app (10.29.217.162)

#### 4.1 Edit file conf

```
vim /etc/nginx/drsa.conf
```

#### 4.2 Masukkan code add header

```
proxy_set_header X-Request-ID $request_id;  
  
add_header Content-Security-Policy "default-src 'self'; script-src 'self' 'nonce-$request_id'; style-src 'self' 'nonce-$request_id';";
```

## Contoh:

```
server {
    listen 80;
    server_name example.com;

    location / {

        # Add CSP header with nonce
        proxy_set_header X-Request-ID $request_id;

        add_header Content-Security-Policy "default-src 'self'; script-src 'self' 'nonce-$request_id'; style-src 'self' 'nonce-$request_id';";
        # Other configurations...
        root /var/www/html;
        index index.html;
    }
}
```

## 4.5 Restart nginx

```
sudo service restart nginx
```

## 5. Panggil nonce dari php

```
<?php
$nonce = $_SERVER['HTTP_X_REQUEST_ID'];
?>
<script nonce="<?php echo $nonce; ?>">
    console.log('Script with nonce');
</script>
```

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