

Dev-Ops

Task 4 Report

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```
location ~* \.(css|js|jpg|jpeg|png|gif|ico|svg|webp|avif|ttf|otf|woff|woff2)$ {  
    access_log off;  
    expires 7d;  
    add_header Cache-Control "public, max-age=604800, immutable";  
}  
  
location ~* \.html$ {  
    add_header Cache-Control "no-cache";  
    expires -1;  
}
```

```
devops@UbuntuServer:~$ sudo install -d -m 755 /var/www/ArashLand/static
```

```
# JS file that we want cached
```

```
sudo tee /var/www/ArashLand/static/app.js >/dev/null <<'EOF'
console.log('Hello from static app.js (should be cached).');
document.body.insertAdjacentHTML('beforeend', '<p id="from-js">Loaded app.js</p>');
EOF
```

```
# Minimal HTML that uses the JS
```

```
sudo tee /var/www/ArashLand/index.html >/dev/null <<'EOF'
<!doctype html>
<html>
  <head><meta charset="utf-8"><title>Nginx Cache Test</title></head>
  <body>
    <h1>Nginx Cache Test</h1>
    <script src="/static/app.js"></script>
  </body>
</html>
EOF
```

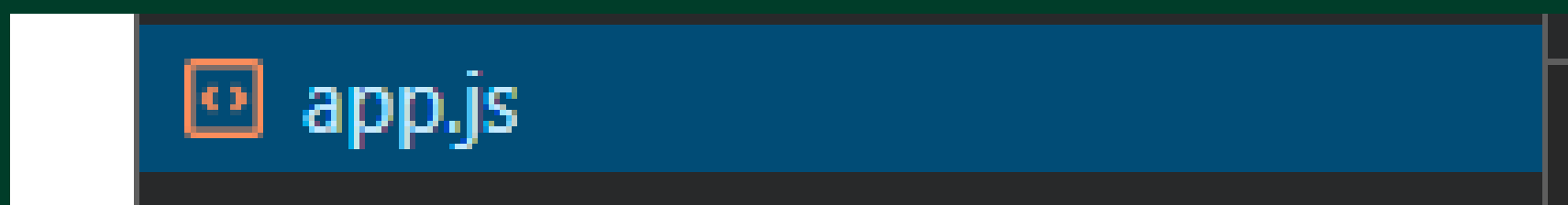
Nginx Cache Test

Loaded app.js

The screenshot shows the Chrome DevTools Network tab. A list of requests is on the left, with 'app.js' selected. The main panel shows the details for this request:

- General:**
 - Request URL: `http://192.168.1.36/static/app.js`
 - Request Method: `GET`
 - Status Code: ● 200 OK (from memory cache)
 - Remote Address: `192.168.1.36:80`
 - Referrer Policy: `strict-origin-when-cross-origin`
- Response Headers:**
 - Accept-Ranges: `bytes`
 - Cache-Control: `max-age=604800, public, max-age=604800, immutable`
 - Content-Length: `144`
 - Content-Type: `application/javascript`
 - Date: `Fri, 12 Sep 2025 21:53:55 GMT`
 - Etag: `"68c4960a-90"`
 - Expires: `Fri, 19 Sep 2025 21:53:55 GMT`
 - Last-Modified: `Fri, 12 Sep 2025 21:52:10 GMT`
 - Server: `nginx/1.24.0 (Ubuntu)`

At the bottom, it shows '9 requests' and '414 kB transferred'.



Accept-Ranges	bytes
Cache-Control	max-age=604800, public, max-age=604800, immutable
Content-Length	144
Content-Type	application/javascript
Date	Fri, 12 Sep 2025 21:53:55 GMT
Etag	"68c4960a-90"
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max-age=604800, public, max-age=604800, immutable

max-age=604800, public, max-age=604800, immutable

```
expires 7d;
```

نکته جالب: مدت زمان کش را در فایل کانفیگ ۷ روز تعیین کردیم، داخل کروم هم ۶۰۴۸۰۰ ثانیه نوشته که دقیقا تعداد ثانیه های یک هفته است!