EB and NGINX

amazon
web services

Elastic Beanstalk

- Setup
- Deployment
- Debugging

Setup

```
eb create <env_name>
```

Deployment

```
eb delpoy
```

Debugging

```
eb ssh
eb logs
```

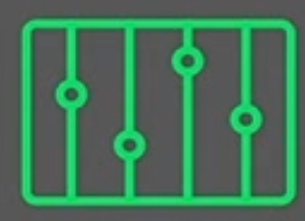
NGINX

Load Balancer

Content Cache

Web Server

Streaming Media

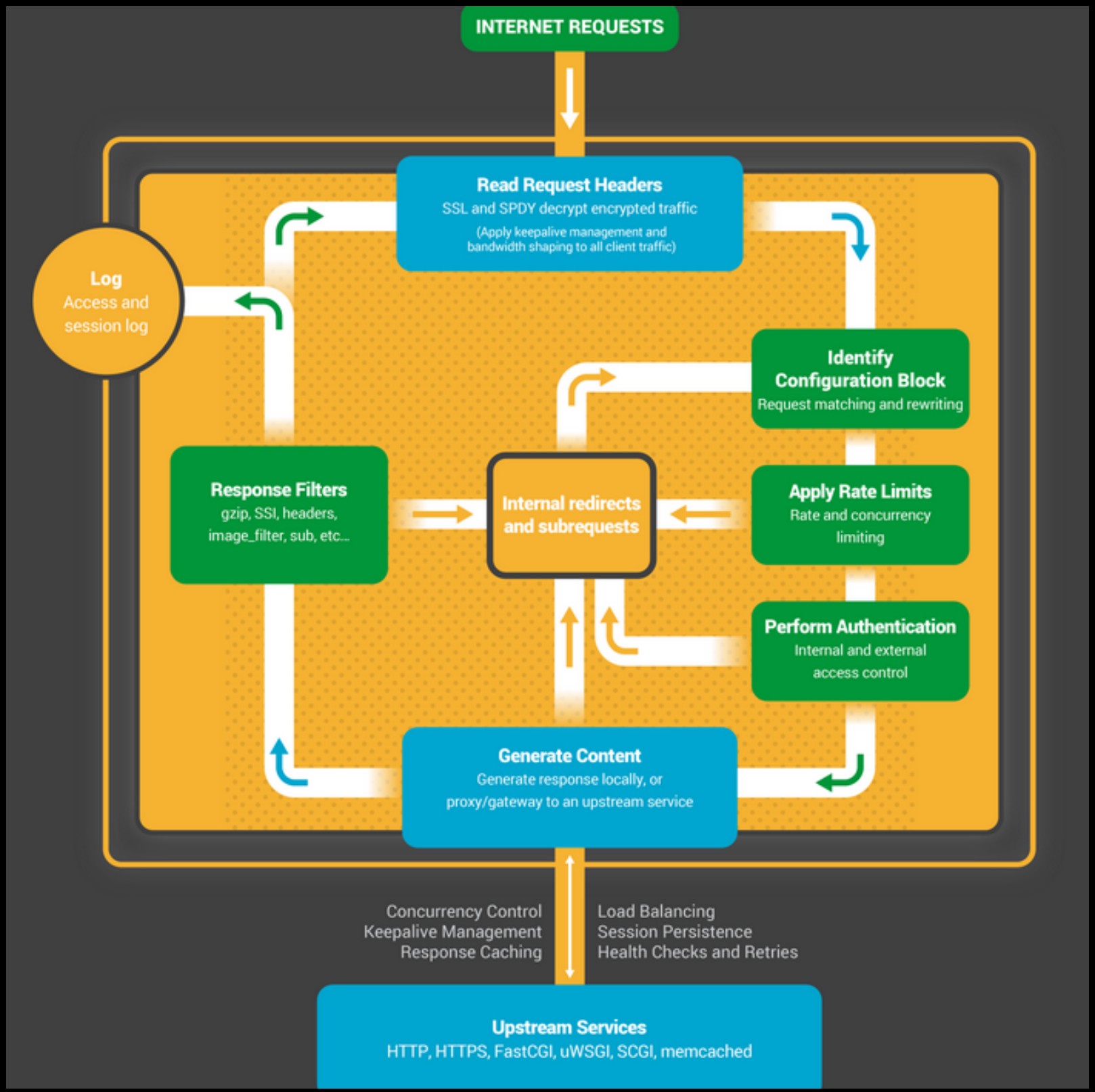


Monitoring &
Management

Flawless Application Delivery for the Modern Web

NGINX

- Why NGINX
- SSL Termination
- Scalability
- Security


INTERNET REQUESTS
Read Request Headers
SSL and SPDY decrypt encrypted traffic
(Apply keepalive management and bandwidth shaping to all client traffic)
Log
Access and session log
Identify Configuration Block
Request matching and rewriting
Response Filters
gzip, SSI, headers, image_filter, sub, etc...
Internal redirects and subrequests
Apply Rate Limits
Rate and concurrency limiting
Perform Authentication
Internal and external access control
Generate Content
Generate response locally, or proxy/gateway to an upstream service
Concurrency Control
Keepalive Management
Response Caching
Load Balancing
Session Persistence
Health Checks and Retries
Upstream Services
HTTP, HTTPS, FastCGI, uWSGI, SCGI, memcached

Issues

- 413 on uploads
- Hacker attack with vulnerable php requests

AWS NGINX

Checkout AWS nginx conf

- client max body size
- location directive

Credits

`Built with MDX Deck`

`Deployed on now.sh`