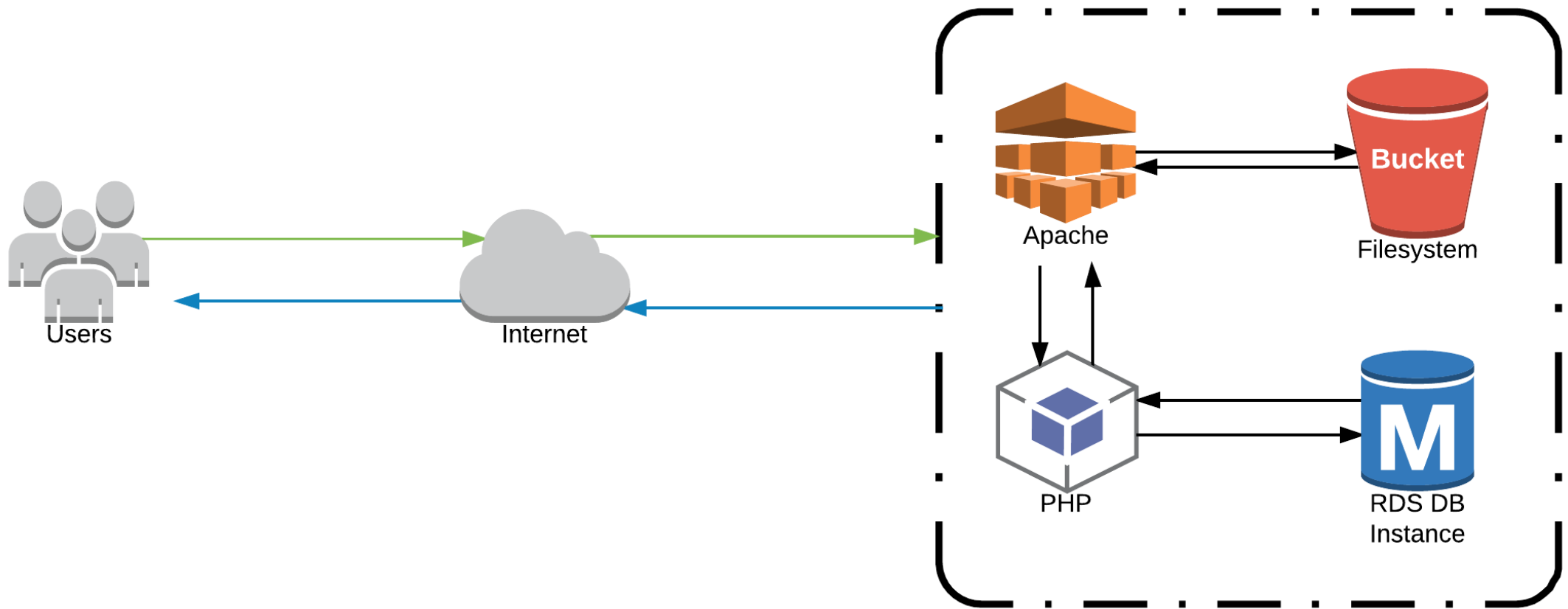


# PHP Frameworks

Упражнения

Любомир Филипов

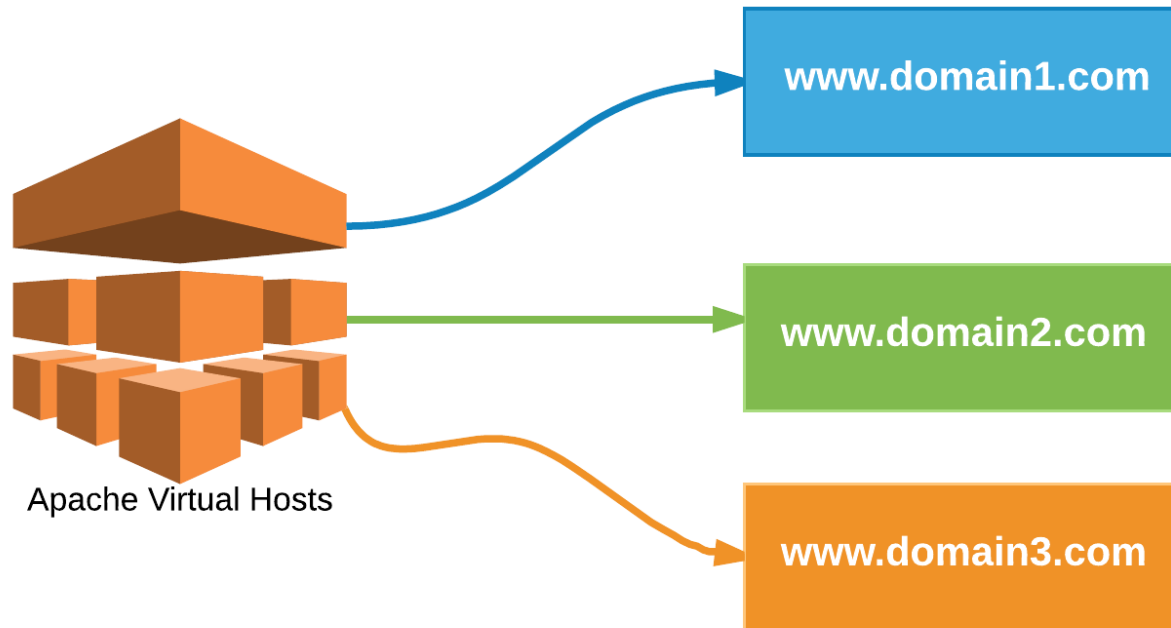
# Apache



# Apache Virtual Host

- method for hosting **multiple domain names** (with separate handling of each name) on a **single server** (or pool of servers). This allows one **server to share its resources**, such as memory and processor cycles, without requiring all services provided to use the same host name.

# Apache Virtual Hosts



# Apache Virtual Host

```
<VirtualHost 10.1.2.3:80>  
  ServerAdmin webmaster@host.example.com  
  DocumentRoot "/www/docs/host.example.com"  
  ServerName host.example.com  
  ErrorLog ${APACHE_LOG_DIR}/error.log  
  CustomLog ${APACHE_LOG_DIR}/access.log  
</VirtualHost>
```

# Важно

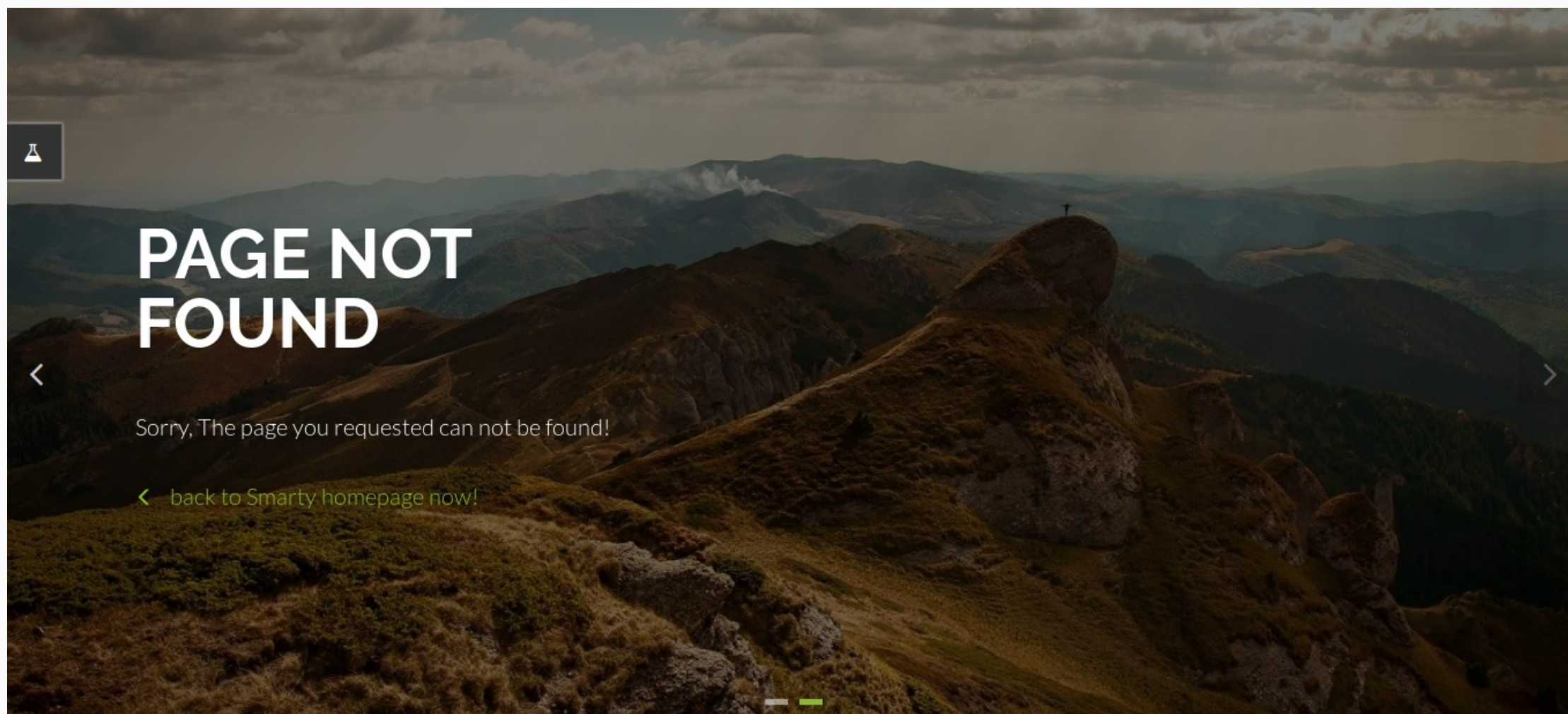
- **ErrorLog** - /var/log/apache2/error.log
- **AccessLog** - /var/log/apache2/access.log
- **Hosts** - /etc/hosts

# Бяла празна страница!?

- Проверяваме има ли нещо в **ErrorLog**
- Проверяваме дали достъпваме желания хост – **AccessLog**
- Проверяваме имаме ли права, за достъп до желаните ресурси



# Какво да се показва при грешка





# HTTP Protocol



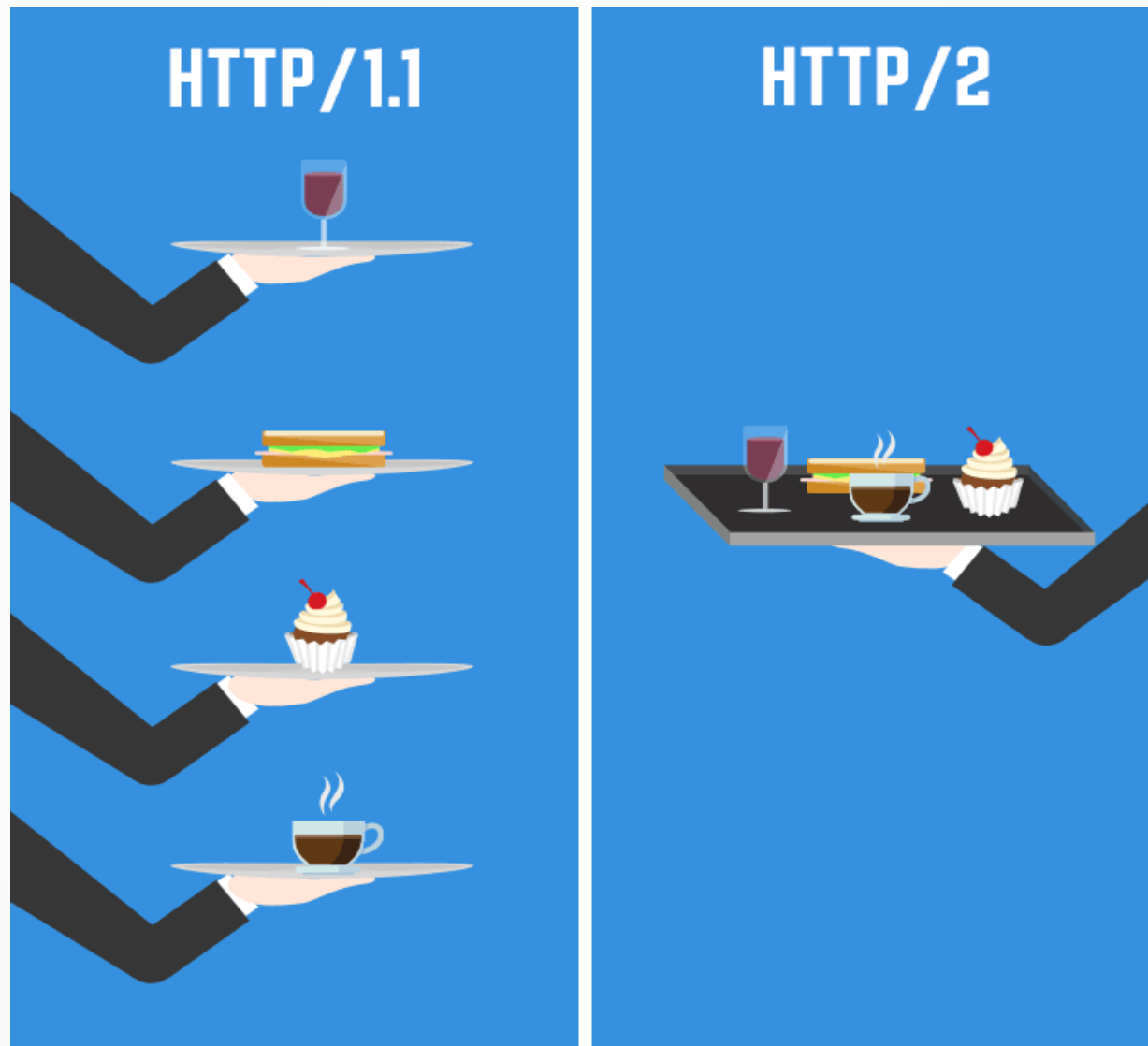
# HTTP Response codes

- 1xx: informational
- 2xx: success
  - **200 OK**
- 3xx: redirection
  - 301 Moved Permanently
- 4xx: client error
  - **404 Not Found**
- 5xx: server error
  - **500 Internal Server Error**

# HTTP сравнение

HTTP1.x	SPDY	HTTP2
SSL not required but recommended.	SSL required.	SSL not required but recommended.
Slow encryption.	Fast encryption.	Even faster encryption.
One client-server request per TCP connection.	Multiple client-server request per TCP connection. Occurs on a single host at a time.	Multi-host multiplexing. Occurs on multiple hosts at a single instant.
No header compression.	Header compression introduced.	Header compression using improved algorithms that improve performance as well as security.
No stream prioritization.	Stream prioritization introduced.	Improved stream prioritization mechanisms used.

# Основна разлика



# Основна разлика - демо

- <https://imagekit.io/demo/http2-vs-http1>



