

# SRE Hack 2021

Team Eagles

# What was Our Plan

- Host website on our local machine
- Dockerize App using Docker
- Host Docker on VM Machine

## What's next ...?

Use Tools to Diagnose and Test App ....

# What are the tools We expected to use

1. Zabbix
2. Nikito

# Monitoring Tool

ZABBIX

Open source  
Great community support

**Monitoring** OS, Apache, PHP, MySQL and Network traffic

Testing tool

NIKITO

# But We Stuck 😞

WE TRIED ON all **LINUX , WINDOWS , VM**

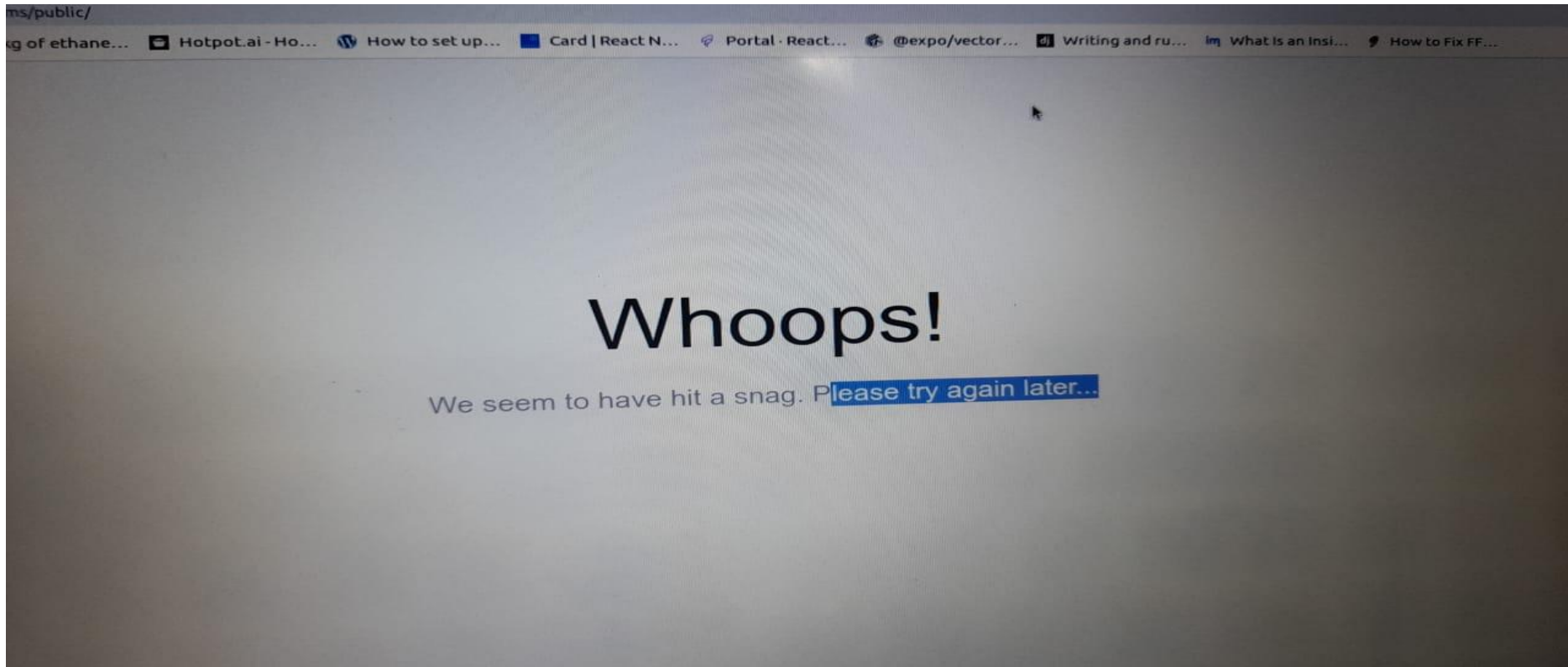
# How Far We Could Do 🙄

We didn't gave up ...

ON LINUX



# Error-Whoops!



## To View Error :

To know the error go to the **app/Config/Boot/production.php** and set `display_errors` to 1 as below

```
ini_set('display_errors', '1');
```

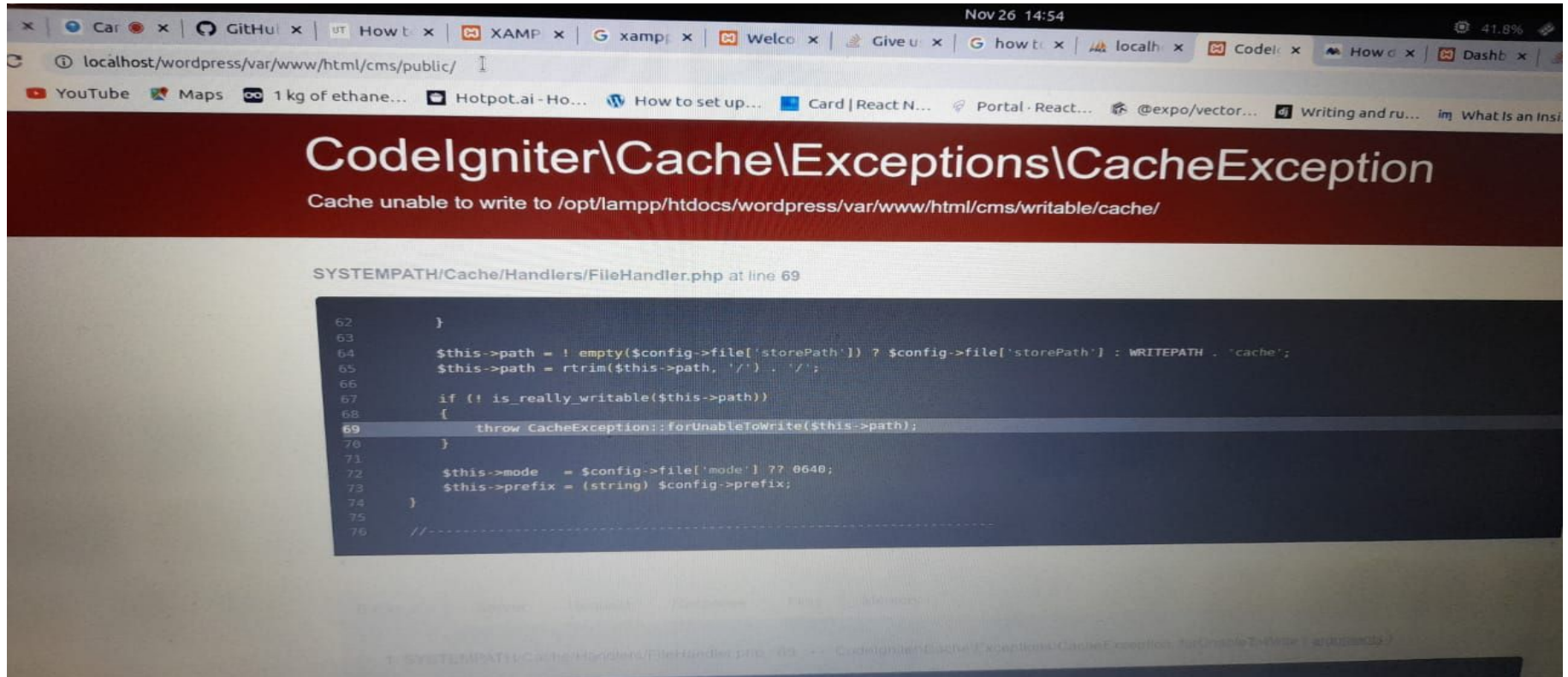
# Error Occured : Extension Error

How Solved

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`php install ext-intl`

# Next Error while deploying ....



# What Happened ???

Permission Error ....

## How Solved ??

`Sudo chmod -R 777 <writable directory>`

ON VM

# Tried following the readme.md

Initially install LAMP stack on the centos platform  
stuck when http to server

```
$ sudo firewall-cmd --permanent --zone=public --add-service=http
```

```
$ sudo firewall-cmd --reload
```

Then again stuck at installing php-mysql

Then I realize to check centos version using

```
cat /etc/os-release
```

It was centos8 and try following different blog to install LAMP stack

ON WINDOWS



# We Created Database Successfully

Server: localhost » Database: wp\_db

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking Designer Central columns

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> wp_commentmeta		0	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
<input type="checkbox"/> wp_comments		1	InnoDB	utf8mb4_unicode_ci	96.0 KiB	-
<input type="checkbox"/> wp_links		0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
<input type="checkbox"/> wp_options		142	InnoDB	utf8mb4_unicode_ci	1.5 MiB	-
<input type="checkbox"/> wp_postmeta		2	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
<input type="checkbox"/> wp_posts		4	InnoDB	utf8mb4_unicode_ci	80.0 KiB	-
<input type="checkbox"/> wp_termmeta		0	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
<input type="checkbox"/> wp_terms		1	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
<input type="checkbox"/> wp_term_relationships		1	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
<input type="checkbox"/> wp_term_taxonomy		1	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
<input type="checkbox"/> wp_usermeta		17	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
<input type="checkbox"/> wp_users		1	InnoDB	utf8mb4_unicode_ci	64.0 KiB	-
12 tables	Sum	170	InnoDB	utf8mb4_general_ci	2.1 MiB	0 B

☐ Check all With selected:

Print Data dictionary

Create table

Name:  Number of columns:

Go

We Solved All...But we couldn't go through..

The Error ....

There was a error while establishing a database connection

With that We Are Done

However We Won Already ...

How ??

We Got Lot of Experience

**Thank You Virtusa For Giving Us This  
Excellent Experience**