

# What is a Website and How is it Deployed?

## Test Your Learning

### Overview

In this workshop we will learn everything about websites from some basic HTML to running a massively scalable website on a Linux cluster. Take this exam before the workshop and at the end to see how much you've learned.

**1 What language is used for the content of a webpage?**

**2 What language is used for the style of a webpage?**

**3 What language is used for adding things like button clicks to a webpage?**

**4 What is a browser?**

**5 Name 5 popular browsers**

**6 What is a static website?**

**7 Name 2 popular tools for making static websites**

**8 What is a dynamic website?**

**9 What is an SQL database?**

10 What is SQL?

11 Name 3 SQL databases

12 Is sqlite3 a popular database? Why?

13 What is a NoSQL database?

14 Name 2 NoSQL databases

15 What is an IP address?

16 What is a LAN?

17 What is the internet?

18 What is a webserver(hardware)?

19 What is a webserver(software)?

**20 Name the two most popular webserver softwares**

**21 What is a backend web framework?**

**22 Name 4 languages you could use to make a backend?**

**23 Name 2 popular Python backend frameworks**

**24 Name a popular C# backend framework**

**25 Name a popular Kotlin backend framework**

**26 Name a popular Java backend framework**

**27 What is a single page application?**

**28 What is a frontend framework?**

**29 What language is used to make frontend frameworks?**

**30 Name 3 popular front end frameworks**

**31 What is a REST API?**

**32 What does REST stand for?**

**33 What does API stand for?**

**34 What is JSON?**

**35 What is containerization?**

**36 What is a virtual machine?**

**37 What is Docker?**

**38 What are some reason(s) Docker is better than a VM?**

**39 What are some reason(s) Docker is worse than a VM?**

**40** Is Linux a great operating system for running websites?

**41** What is a reverse proxy?

**42** What is Kubernetes?