



WELCOME

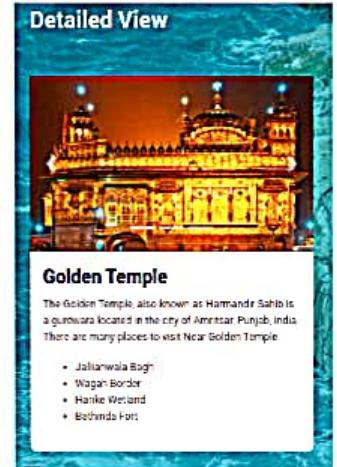
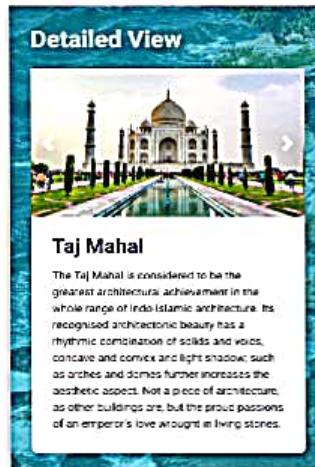


Website
Behind The Scenes

Recap

Website Integration | Part 2

- ✓ Adding Multiple Carousels using Bootstrap
- ✓ HTML Lists
 - Ordered Lists
 - Unordered Lists
- ✓ Styling Lists using CSS
 - list-style-type



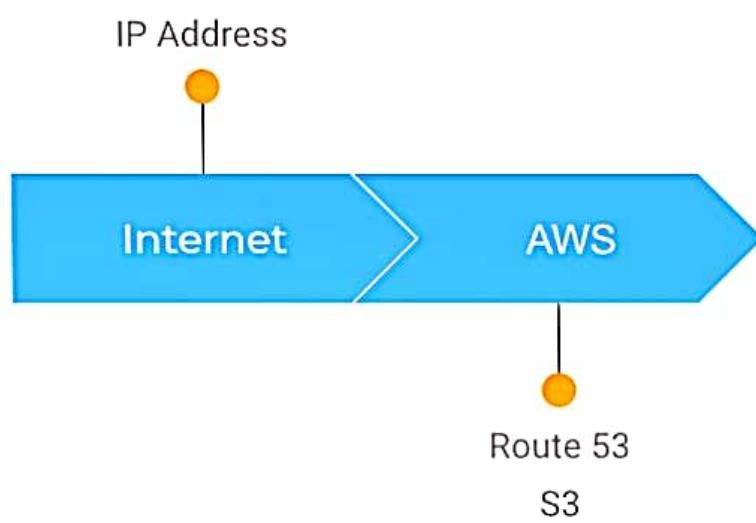


Agenda

Website: Behind The Scenes

Agenda

Website: Behind The Scenes



What is Internet?



NXT
WAVB

Connecting devices **Internet**

The Internet is
a public global network
of billions of computers
and devices



**NXT
WAVB**

Connecting devices

Billions of Devices

~ 22 billion devices

are connected to the Internet world-wide



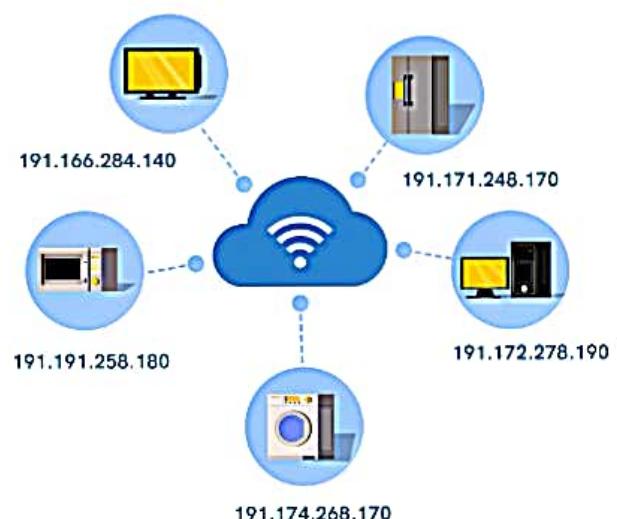
NXT
WAVE

How to Identify Each Device Connected to the Internet?



Connecting devices IP Address

A unique address given to each device connected to the Internet that helps to communicate with remaining devices



Connecting devices IP Address



172.16.254.1



14/97 Alphonse Street,
South Canada

NXT
WAVB



What happens when we type

varakumar.ccbp.tech?



Browser

Website URL



NXT
WAVE

Browser

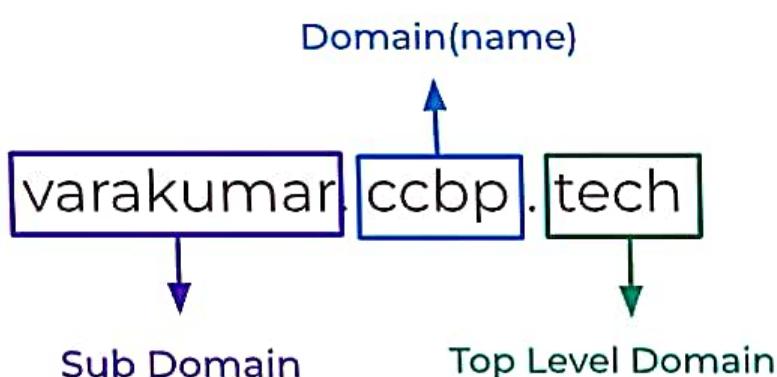
Domain



www.google.com

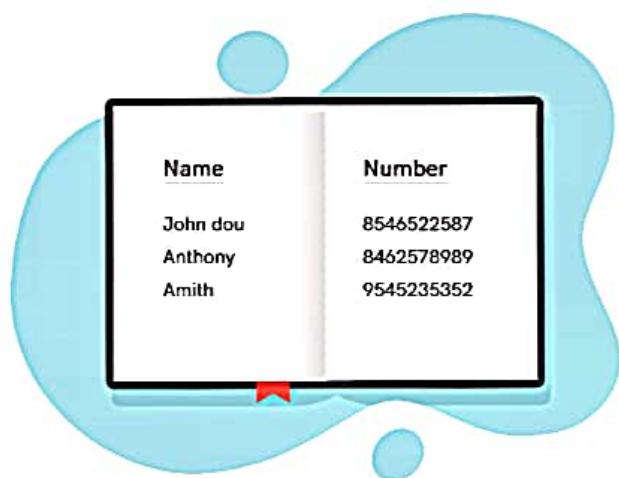
www.amazon.in

learning.ccbp.in



Browser

Domain



DNS

Domain Name System

The Domain Name System (DNS) is the phonebook of the Internet

DNS translates domain names to IP addresses so browsers can load Internet resources



Name	IP Address
www.google.com	191.12.161.2
www.facebook.com	191.21.151.4
www.amazon.in	191.31.23.86

NXT
WAVE

Amazon

Route 53

Amazon Route 53 is
a highly available and scalable
cloud Domain Name System (DNS)
web service



Amazon Route 53

NXT
WAVE

DNS

Mapping



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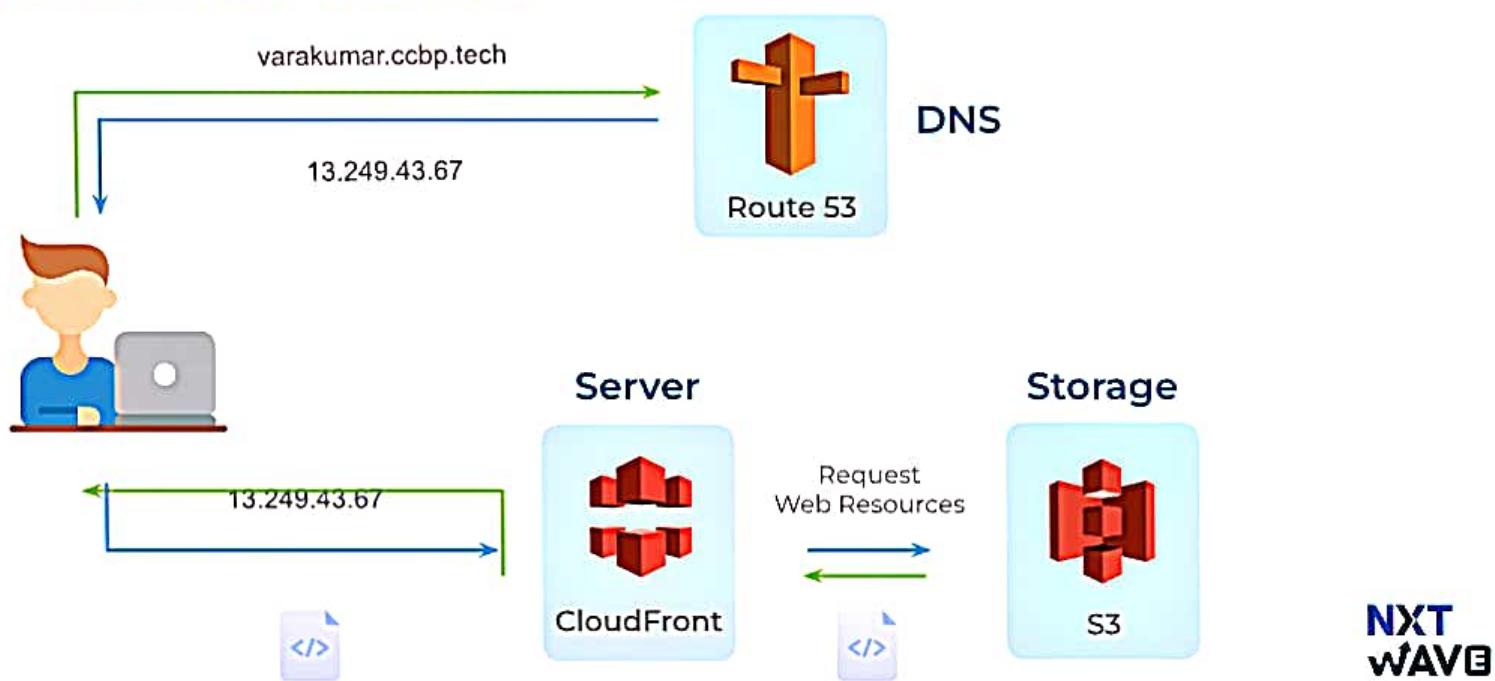
13.249.43.67



Amazon Route 53

Website

Behind the Scenes



Amazon Web Services

Simple Storage Service(S3)

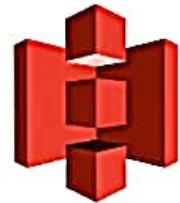
When we click on **publish** button,
the website gets updated in the
storage, automatically



The screenshot shows the NXT WAVE development environment. At the top, there's a toolbar with tabs for 'Code' (which is selected), 'Output', and other icons. Below the toolbar is a code editor window with tabs for 'HTML', 'CSS', and 'JavaScript'. The 'HTML' tab is active, displaying the following code:

```
3 - <head>
4 -   <link rel='stylesheet' href='https://ste
5 -     <script src="https://code.jquery.c
6 -       <script src="https://cdn.jsdelivr.net
7 -         <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js">
8 -       </script>
9 -     </head>
10 -    <body>
11 -      <div class="paragraph bg-orange">I want to
12 -        <div class="paragraph bg-green">I want to
13 -          <div class="paragraph bg-orange">I want to
14 -            <div class="paragraph bg-green">I want to
15 -              </div>
16 -            </div>
17 -          </div>
18 -        </div>
19 -      </body>
20 -    </html>
```

At the bottom of the code editor, there are three buttons: 'PUBLISH' (highlighted with a yellow box), 'DOWNLOAD', and 'WEB'.



Amazon S3

NXT
WAVE

Amazon Web Services

Simple Storage Service(S3)

Everyone has their
own dedicated folder
in Amazon S3
to maintain their website



Concepts We Learnt Till Now



HTML

Elements

- Heading - h1
- Paragraph - p
- Button - button
- Container - div
- Image - img
 - src Attribute
- HTML Lists
 - Unordered List - ul
 - Ordered List - ol
 - List Item - li

HTML

Attributes

- class
- id
- onclick

css

Text Properties

- color
- font-size
- font-family
- font-weight
- font-style
- text-decoration
- text-align

css

Background Properties

- background-color
- background-image
- background-size

css

Box Properties

- height
- width
- margin
- padding
- border
 - border-radius
 - border-top-left-radius
 - border-top-right-radius
 - border-bottom-left-radius
 - border-bottom-right-radius
 - border-radius
 - border-width
- border-radius
- border-width

Flexbox Class Names

- d-flex
- flex-row
- flex-column
- justify-content-start
- justify-content-center
- justify-content-end

Reusability

Components & Utilities

Bootstrap

- Buttons
- Carousel
- Video Embed
 - Youtube Video

CCBP UI Kit

- Display Utility

Website: Behind The Scenes

Key Takeaways

- ✓ Internet
 - IP Address
 - DNS Server
- ✓ Amazon Web Services
 - Route 53
 - S3





THANK YOU



ALL THE BEST
