Back end components

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Back end Servers

hardware and os that hosts all apps vecessary to von the web app

data access layer

Software

the backend server contains the other 3 backend components

- web server
- Penelopment Framowork

Other software components may be hypervisors, containers, WAFS

romanum bick end server stacks:

common buck end server stacks:

- · LAMP = Linux Apache Mysal PHP
- · WAMP = Windows
- · WINS = Windows IIs . NET sal server
- · MAMP = macOS ···
 - · XAMPP = Cross-platform Apachy Mysal PHP/PERL

Hardware

Many large web apps distribute land Over many back and servers

Web servers

apps that run on the back end sever that handles HTTP regrests from nrower, roots it to requested pages, and regards to browser

and responds in

run or port 80 or 443

connect end sees to parts of web app

accept user input wither ATTP request, run responsible for routing request, run prousses needed, and return response

pages that servers roote traffic to are web

could create our own web survers of python, Is, or PHP but there are many apps to help ut

Apache

nttpd

most common wes server more than 40% of all sites

more than 40% of all sites all os

Usually Phil but can be - NET, Python, Per (

NGINX

Second most common 30% of all sites

focus or serving many concurrant regrests with low momery and cpu load with async architecture

60% of top traffic sites use it

IIS

Internet information services

3rd most common 15%

. It siveloped; mainly juns on

microsoft developed; nainly runs on

.NET mostly but can be for others

well optimized for AP and includes
well optimized for AP and includes
Windows Auth to outo sign
vsers in to web apps

other popular servers run be Apache
tomcat Ger Java and Node. Is
for D