Network Fundamentals

Putting it all together

Task 1:	
No answer needed	
Task 2:	
CDN (Content Delivery Networks)	
A CDN can be an excellent resource for cutting down traffic to	a busy website.
WAF (Web Application Firewall)	
A WAF sits between your web request and the web server; its p from hacking or denial of service attacks.	rimary purpose is to protect the webserver
Answer the questions below	
What can be used to host static files and speed up a clients v	visit to a website?
CDN	✓ Correct Answer
What does a load balancer perform to make sure a host is st	ill alive?
health check	✓ Correct Answer
What can be used to help against the hacking of a website?	
WAF	✓ Correct Answer

Task 3:

Answer the questions below

What does web server software use to host multiple sites?

Virtual Hosts

Correct Answer

What is the name for the type of content that can change?

Dynamic

Does the client see the backend code? Yay/Nay

Nay

Correct Answer

Task 4:



Request tryhackme.com in your browser.



Authoritative DNS server advises the IP address for the website



Check Local Cache for IP Address



Request passes through a Web Application Firewall



Web server receives the GET request



Check your recursive DNS Server for Address



Request passes through a Load Balancer



Web Application talks to Database





Connect to Webserver on port 80 or 443



Your Browser renders the HTML into a viewable website

Answer the questions below

Flag

THM{YOU_GOT_THE_ORDER}