

Vocational English
III (Mesleki Yabancı
Dil III)
Week 10
26.11.2024



Engineering Faculty
Computer Engineering

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This week we will work on

**ENGLISH FOR HOSTING AND
DEPLOYMENT & READING-LISTENING
ACTIVITIES**

INTRODUCTION TO HOSTING AND DEPLOYMENT-I

Hosting (noun) →

•**Example:** "Web hosting allows your website to be accessible online."

Server (noun) →

•**Example:** "The server hosts the application and manages user requests."

Cloud Computing (noun) →

•**Example:** "Cloud computing enables scalable and flexible hosting solutions."

INTRODUCTION TO HOSTING AND DEPLOYMENT-2

Virtual Machine (VM) (noun) →

- Example:** "Each virtual machine runs an isolated operating system."

Container (noun) →

- Example:** "Containers help isolate applications in lightweight environments."

Docker (noun) →

- Example:** "Docker is widely used for containerized application deployment."

INTRODUCTION TO HOSTING AND DEPLOYMENT-3

Kubernetes (noun) →

- Example:** "Kubernetes is used for orchestrating containerized applications."

Load Balancer (noun) →

- Example:** "A load balancer distributes traffic across multiple servers."

Firewall (noun) →

- Example:** "The firewall prevents unauthorized access to the server."

INTRODUCTION TO HOSTING AND DEPLOYMENT-4

Domain Name (noun) →

•**Example:** "A memorable domain name is crucial for branding."

DNS (Domain Name System) (noun) →

•**Example:** "DNS translates domain names into IP addresses."

IP Address (noun) →

•**Example:** "The server's IP address must be unique."

INTRODUCTION TO HOSTING AND DEPLOYMENT-5

FTP (File Transfer Protocol) (noun) →

Example: "FTP is used to upload files to the server."

SSH (Secure Shell) (noun) →

•**Example:** "SSH ensures secure remote access to the server."

CDN (Content Delivery Network) (noun) →

Example: "A CDN reduces latency by delivering content from the nearest server."

INTRODUCTION TO HOSTING AND DEPLOYMENT-6

Deployment Pipeline (noun) →

Example: "The deployment pipeline automates the release process."

CI/CD (noun) →

•**Example:** "CI/CD practices improve development efficiency."

Environment (noun) →

•**Example:** "Testing is done in a staging environment before production."

INTRODUCTION TO HOSTING AND DEPLOYMENT-7

Production (noun) →

•**Example:** "The application is live on the production environment."

Staging (noun) →

•**Example:** "Staging environments replicate production for testing."

Backup (noun) →

•**Example:** "Regular backups ensure data safety during outages."

INTRODUCTION TO HOSTING AND DEPLOYMENT-8

Monitoring (noun) →

•**Example:** "Monitoring tools detect server issues in real time."

Scaling (verb) →

•**Example:** "Scaling ensures the application can handle increased traffic."

Downtime (noun) →

•**Example:** "Minimizing downtime is critical for customer satisfaction."

INTRODUCTION TO HOSTING AND DEPLOYMENT-9

Uptime (noun) →

•**Example:** "High uptime guarantees availability for users."

Latency (noun) →

•**Example:** "Low latency improves the user experience."

Performance (noun) →

•**Example:** "Optimized performance reduces loading times."

INTRODUCTION TO HOSTING AND DEPLOYMENT-10

Orchestration (noun) →

•**Example:** "Orchestration tools manage complex application workflows."

SSL Certificate (noun) →

•**Example:** "An SSL certificate ensures secure communication between server and client."

Reverse Proxy (noun) →

•**Example:** "A reverse proxy forwards client requests to backend servers."

LISTENING

English FOR IT

Computer Peripherals LISTENING ACTIVITY.

<https://128.pl/VIT0k>

GROUP WORK ASSIGNMENT



- Pick a hosting engineering blog from the repo here : <https://github.com/kilimchoi/engineering-blogs>
- Read a blog post from a hosting company of your interest(the list is extensive so don't ask me which one-you can suggest your own favorite company).
- TODO
 - Write a short summary of the text.
 - Write down important 3 things you have learnt from the blog post.
 - List 10 words and their Turkish meaning that you have learnt when reading blog post.
- Send the link to the blog post and TODO list above to me by 02.12.2024 23:59

If you take Vocational Eng I and 3- You can only do this assignment once.



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CREDITS

<https://www.english4it.com/>