

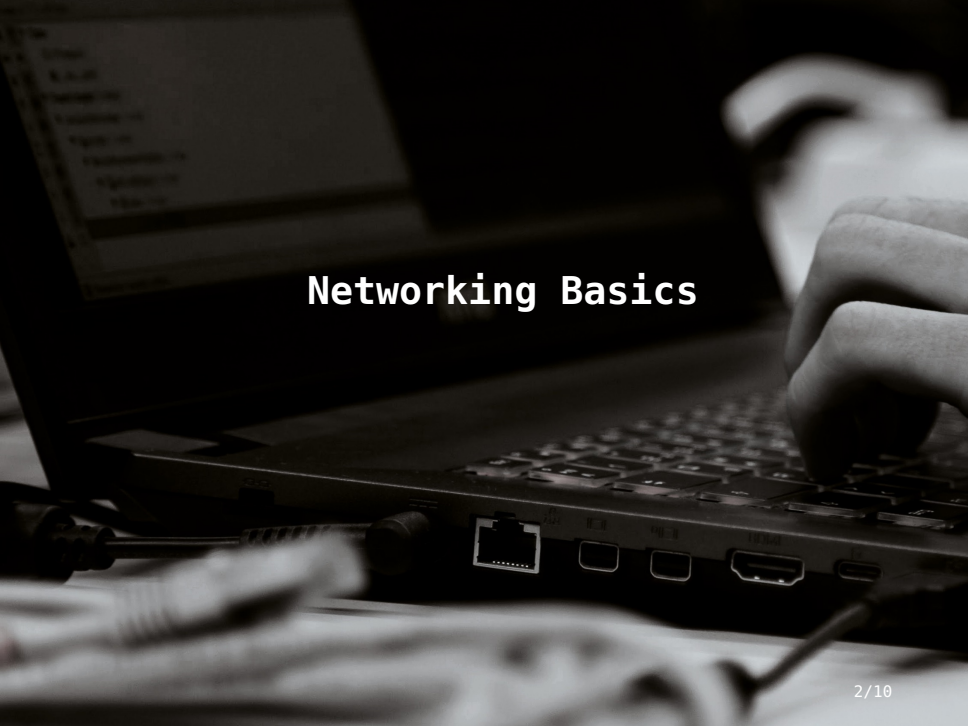


Network

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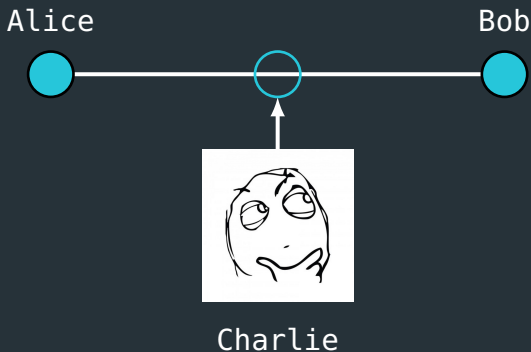
Networking Basics

A close-up, low-angle shot of a person's hand typing on a laptop keyboard. The laptop is dark-colored, and the keyboard is visible. The background is blurred, showing a document and some papers. The text 'Networking Basics' is overlaid in the center of the image.

Networking Basics



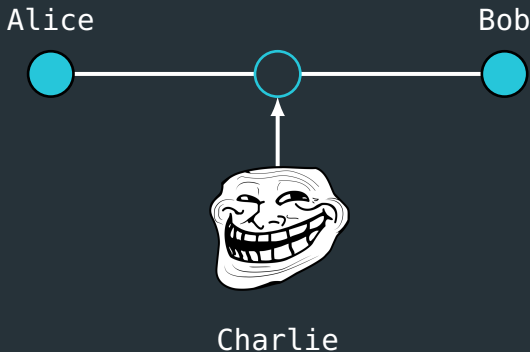
- How do you capture network traffic?



Networking Basics



- Use a managed switch and mirror the port of either Alice or Bob to the port of Charlie



Networking Basics



- How do you capture the traffic?
 - tcpdump (CLI)
 - Wireshark (GUI)

Example: Capturing traffic from eth0

```
sudo tcpdump -i eth0 -w capture.dump
```



Codebeispiele



helloworld.c

```
1 #include <stdio.h>
2
3 int main(void)
4 {
5     printf("hello, \uworld\n");
6 }
```



helloworld.java

```
1 class HelloWorldApp {  
2     public static void main(String[] args) {  
3         System.out.println("Hello_World!"); // Prints the  
           string to the console.  
4     }  
5 }
```

helloworld.go

```
1 package main
2
3 import "fmt"
4
5 func main() {
6     fmt.Println("Hello, World")
7 }
```

Python



helloworld.py

```
1 print("Hello_World")
```