

20a AT3 Networking valgfag

Weekly plans

UCL University college

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1 Introduction

This document is a collection of weekly plans. It is based on the weekly plans in the administrative repository, and is updated automatically on change.

The sections describe the goals and program for each week of the second semester project.

2 Week 39

2.1 Goals of the week(s)

Practical and learning goals for the period is as follows

2.1.1 Practical goals

- vmware workstation installed and working

2.1.2 Learning goals

- Basic networking taxonomy
- Basic virtualization

2.2 Deliverables

- Small files, see exercises

2.3 Schedule

Below is the tentative schedule, which may be changed depending on input from the students.

2.3.1 Wednesday

Time	Activity
8:15	Vi starter op - Hvad er Jeres niveau? - hvem er I? hvem er MON? - online/fysisk? - tidsplan. . .
10:00	You work, and MON is mostly available on element
14:00	We meet up (online?)
14:30	You work, and MON is mostly available on element

Eftersom der er en større aflevering torsdag, besluttede vi at lave opgaver online fredag. MON vil monitorere element for spørgsmål.

Today's material is on the companion site¹

Feel free to add more files than the ones mentioned in the exercises, but the names of the specific files must be the same for scripting reasons.

2.4 Hands-on time

2.4.1 Exercise 0a - gitlab

1. Create a user on gitlab
If you have one already, use that. If not, pick something - consider using a pseudonyme.
2. Ask for access to the class group²
3. Create a project in your personal gitlab space called `networking-basics`
Naming super important, so ensure that casing and spelling is correct.
4. Make the project public
5. Put a link to the project on hackmd³

2.4.2 Exercise 0b - element

1. create an element user
Pseudonyme are ok
2. Ensure that you are in the class room on element by asking someone already in the room (like `@moozer:matrix.org`)

¹https://moozer.gitlab.io/course-networking-basisc/01_Intro/

²<https://gitlab.com/groups/20a-at3-networking>

³<https://hackmd.io/Pd12RIYmRNar-XpHIOUKDg>

2.4.3 Exercise 1 - networking basics

1. Go to the companion site⁴ for materials and exercises
2. See the video
3. Do the find online resources exercise

Put the resulting links and sentences in a file in your gitlab repo called `ww39/ex01.md`

2.4.4 Exercise 2 - Draw a network

This is a first attempt at drawing a network diagram. You may not know the details of your home network, so add as much as possible, and attempt to make an understandable diagram.

3. Do the Draw your home network exercise

Put the resulting images in files in your gitlab repo called `ww39/ex02-physical.png` and `ww39/ex02-logical.png`

2.4.5 Exercise 3 - Virtualization

1. Go to the companion site⁵ for materials and exercises
2. See the video
3. Do the Your words exercise

Put the resulting links and sentences in a file in your gitlab repo called `ww39/ex03.md`

2.4.6 Exercise 4 - VMware workstation

3. Do the VMware workstation exercise

2.4.7 Exercise 5 - Run Kali live

1. Do the Run Kali Live exercise

Put the results of the traceroute command in a file in your gitlab repo called `ww39/ex05.md`

⁴https://moozer.gitlab.io/course-networking-basisc/01_Intro/Network_basics/

⁵https://moozer.gitlab.io/course-networking-basisc/01_Intro/Virtualization/

2.5 Comments

- Baseret på vores snak i onsdags, lavede jeg en video om interfaces⁶
- Der er en Kali live video her⁷

3 Week 40

3.1 Goals of the week(s)

Practical and learning goals for the period is as follows

3.1.1 Practical goals

- none

3.1.2 Learning goals

- Basic wiresharking
- OSI model

3.2 Deliverables

- Small files, see exercises

3.3 Schedule

Below is the tentative schedule, which may be changed depending on input from the students.

3.3.1 Tirsdag

⁶<https://www.youtube.com/watch?v=Lp4GMzdvvGE>

⁷<https://www.youtube.com/watch?v=46jSL0ujGTc>

Time	Activity
8:15	Fra sidst - Online kommunikation. Element, its learning, gitlab - Opgaver fra sidst - tidsplan for dagen
10:00	You work, and MON is mostly available on element
14:00	We meet up (online?)
14:30	You work, and MON is mostly available on element

Today's material is on the companion site⁸

Feel free to add more files than the ones mentioned in the exercises, but the names of the specific files must be the same for scripting reasons.

3.4 Hands-on time

3.4.1 Exercise 1 - OSI model

1. Go to the companion site⁹ for materials and exercises
2. See the video
3. Do the `find online resources` exercise

Put the resulting links and sentences in a file in your gitlab repo called `ww40/ex01.md`

3.4.2 Exercise 2 - Sniffing network traffic

1. Go to the companion site¹⁰ for materials and exercises
2. Do The exercise

Put the resulting links and sentences in a file in your gitlab repo called `ww40/ex02.md`

3.4.3 Exercise 3 - Network interfaces in linux

3. Do the `Network interfaces in linux` exercise

Put the resulting links and sentences in a file in your gitlab repo called `ww40/ex03.md`

⁸https://moozer.gitlab.io/course-networking-basisc/02_OSI/

⁹https://moozer.gitlab.io/course-networking-basisc/02_OSI/osi_model/

¹⁰https://moozer.gitlab.io/course-networking-basisc/02_OSI/nw_traffic/

3.4.4 Exercise 4 - Wireshark in kali

3. Do the Wireshark in kali exercise

Put the resulting links and sentences in a file in your gitlab repo called `ww40/ex04.md`

3.5 Comments

- (none atm)

4 Week 41

4.1 Goals of the week(s)

Practical and learning goals for the period is as follows

4.1.1 Practical goals

- none

4.1.2 Learning goals

- Basic understanding of IP addresses
- Basic IP address and route literacy

4.2 Deliverables

- Small files, see exercises

4.3 Schedule

Below is the tentative schedule, which may be changed depending on input from the students.

4.3.1 Tirsdag

Time	Activity
8:15	Fra sidst - Online kommunikation. Det er vist svært. . . - Opgaver fra sidst
10:00	You work, and MON is mostly available on element
11:00?	Meet up again?
12:15	MON unavailable

Today's material is on the companion site¹¹

Feel free to add more files than the ones mentioned in the exercises, but the names of the specific files must be the same for scripting reasons.

4.4 Hands-on time

4.4.1 Exercise 0- RFC

1. What are RFCs?
Search online and find some good answers.
2. Write 2-3 lines about it, and add a relevant link.
3. Upload result to a markdown file called `ww41/ex00.md`

4.4.2 Exercise 1 - Subnets

1. Read the section about ipv4¹²
2. Do the exercise on subnets
3. Upload results as `ww41/ex01.md`

4.4.3 Exercise 2 - DHCP

1. Read up on dynamic IPs¹³.
Complement with relevant resources online, as applicable.
2. Do the exercise on sniffing DHCP traffic
3. Upload results as `ww41/ex02.md`

¹¹https://moozer.gitlab.io/course-networking-basisc/03_IP/

¹²https://moozer.gitlab.io/course-networking-basisc/03_IP/ip_addresses/#ipv4

¹³https://moozer.gitlab.io/course-networking-basisc/03_IP/ip_addresses/#dynamic-ip

4.4.4 Exercise 3 - Static IPs

1. Read up on static IPs¹⁴.
2. Do the exercise on setting static IP address
3. Upload results as `ww41/ex03.md`

4.4.5 Exercise 4 - Static vs. dynamic

1. Describe 2-3 scenarios where dynamic IP addresses are applicable.
2. Describe 2-3 scenarios where static IP are applicable.
3. Upload result to `ww41/ex04.md`

4.4.6 Exercise 5 - Routing

1. Read the section about ipv4¹⁵
2. Make a network diagram of your Kali setup.
This include interfaces, IP addresses, netmasks on both the host, the VM and the vmware virtual router used as gateway.
3. Upload results as `ww41/ex05.png`

4.4.7 Exercise 6 - Routing in Kali

2. Do the exercise on routing in Kali
3. Upload results as `ww41/ex06.md`

4.4.8 Exercise 7 - Routing on host

2. Do the exercise on routing on host
3. Upload results as `ww41/ex07.md`

¹⁴https://moozer.gitlab.io/course-networking-basisc/03_IP/ip_addresses/#static-ip-address

¹⁵https://moozer.gitlab.io/course-networking-basisc/03_IP/routing/#routing

4.4.9 Exercise 5 - Routing

1. Read the section about ipv4¹⁶
2. Do the exercise on wireshar and NAT
3. Upload results as `ww41/ex08.md`

4.5 Comments

- (none atm)

5 Week 43

5.1 Goals of the week(s)

Practical and learning goals for the period is as follows

5.1.1 Practical goals

- Vi kan lave online undervisning, og snakke sammen

5.1.2 Learning goals

- Den studerende kan forklare og bruge de forskellige muligheder for vmware workstation netværk.
- Den studerende kan begrunde valget af en given netværksforbindelse.

5.2 Deliverables

- Small files, see exercises

¹⁶https://moozer.gitlab.io/course-networking-basisc/03_IP/routing/#nat-ting

5.3 Schedule

Below is the tentative schedule, which may be changed depending on input from the students.

5.3.1 Tirsdag

Time	Activity
8:15	Vi er online på zoom ^a ^https://ucl.dk.zoom.us/j/69979373610 Zoom video ^a fra morgen
10:00	^https://drive.google.com/file/d/1uAFefsX6iItfedRT-gyvBLh7KvdLkZgd/view?usp=sharing - Online kommunikation. . . . - Opgaver fra sidst You work, and MON is mostly available on element while you work, MON will look through old exercises and fix the bad one for today
12:30	Meet up again zoom video ^a fra eftermiddag ^https://drive.google.com/file/d/1qXTrNYLwN1Vgior7ER3rPcat0nbvPuuG/view?usp=sharing

Today's material is on the companion site¹⁷

Feel free to add more files than the ones mentioned in the exercises, but the names of the specific files must be the same for scripting reasons.

5.4 Hands-on time

5.4.1 Exercise 1 - Networks in vmware

Go here¹⁸

¹⁷https://moozer.gitlab.io/course-networking-basisc/04_virtual_networks/

¹⁸https://moozer.gitlab.io/course-networking-basisc/04_virtual_networks/NAT/

1. Do the exercise on vmware and networks
2. Upload result to a markdown file called `ww43/ex01.md`

5.4.2 Exercise 2 - NAT network

Go here¹⁹

Ja, der er en tidligere opgave der ligner den til forveksling. Øv Jer i diagrammer, netværks konfiguration og wireshark.

Som efterspurgt, er der tilføjet lidt links til den første opgave med wireshark²⁰.

1. Do the exercise on NAT network
Hvordan viser man at man NAT'er?
2. Upload result to a markdown file called `ww43/ex02.md`

5.4.3 Exercise 3 - bridging

Go here²¹

1. Do the bridging exercise on
2. Upload results as `ww43/ex03.md`

5.4.4 Exercise 4 - bridging i nvmware

1. Lav opgaven om bridging in vmware
Hvordan viser man at man bridge'er?
2. Upload resultat som `ww43/ex04.md`

¹⁹https://moozer.gitlab.io/course-networking-basisc/04_virtual_networks/NAT/

²⁰https://moozer.gitlab.io/course-networking-basisc/02_OSI/nw_traffic/#wireshark-in-kali

²¹https://moozer.gitlab.io/course-networking-basisc/04_virtual_networks/bridging/

5.4.5 Exercise 5 - Host only

Go here²²

1. Lav opgaven om Host only i vmware
2. Upload resultat som ww43/ex05.md

5.4.6 Exercise 6 - Routing in Kali

2. Do the exercise on routing in Kali
3. Upload results as ww43/ex06.md

5.5 Comments

- Jeg har lavet en video on netværksdiagrammer og yEd²³

6 Week 44

6.1 Goals of the week(s)

Practical and learning goals for the period is as follows

6.1.1 Practical goals

- Konsolidering af arbejdet med vmnets

6.1.2 Learning goals

- Den studerende kan bruge manualer og kommandolinen til netværkskonfiguration.
- Den studerende kan bruge .ova filer

²²https://moozer.gitlab.io/course-networking-basisc/04_virtual_networks/internal/

²³<https://www.youtube.com/watch?v=BdKuuEfviEo>

6.2 Deliverables

- Small files, see exercises

6.3 Schedule

Below is the tentative schedule, which may be changed depending on input from the students.

6.3.1 Tirsdag

Time	Activity
8:15	Vi er på skolen (med mundbind) - Opgaver fra sidst
10:00	You work, and MON is mostly available on element while you work, MON will look through old exercises and fix the bad one for today
12:30	Meet up again?

Today's material is on the companion site²⁴

Feel free to add more files than the ones mentioned in the exercises, but the names of the specific files must be the same for scripting reasons.

6.4 Hands-on time

6.4.1 Exercise 1 - router virtual appliance

Go here²⁵

1. Do the exercise on vmware, networks and import of an ova file
2. Upload result to a markdown file called `ww44/ex01.md`

²⁴https://moozer.gitlab.io/course-networking-basisc/05_more_routing

²⁵https://moozer.gitlab.io/course-networking-basisc/05_more_routing/setup/

6.4.2 Exercise 2 - To Kali maskiner

Dette er lidt optional, hvis der er tid. De næste opgaver er store og vigtigere.

1. Lav øvelsen med to Kali maskiner²⁶
2. Upload resultatet som en markdown fil kaldet `ww44/ex02.md`

6.4.3 Exercise 3 - Design

Dette er en opgave med papir og blyant. Hvis I bare spinger videre til implementering, så vil I ikke komme i mål.

1. Lav et design²⁷
2. Når I er klar, så skal vi snakke om det.
3. Upload resultatet som en markdown fil kaldet `ww44/ex03.md`

6.4.4 Exercise 4 - Implementation

1. Implementer det som I besluttede ovenfor. Opgaven er her²⁸
2. Vi ska snakke om det undervejs.
3. Upload resultatet som en markdown fil kaldet `ww44/ex04.md`

6.5 Comments

- (ingen pt)

7 Week 45

7.1 Goals of the week(s)

Practical and learning goals for the period is as follows

²⁶https://moozer.gitlab.io/course-networking-basisc/05_more_routing/setup/#bonus-an-extra-vm

²⁷https://moozer.gitlab.io/course-networking-basisc/05_more_routing/bridging/#designing

²⁸https://moozer.gitlab.io/course-networking-basisc/05_more_routing/bridging/#implementing

7.1.1 Practical goals

- Konsolidering af arbejdet med vmnets

7.1.2 Learning goals

- Den studerende kan forklare DNS systemet
- Den studerende kan bruger DNS relaterede værktøjer

7.2 Deliverables

- Small files, see exercises

7.3 Schedule

Below is the tentative schedule, which may be changed depending on input from the students.

7.3.1 Tirsdag

Time	Activity
8:15	Vi er online på zoom ²⁹ Zoom video ³⁰ fra morgen - Niveauet, "hvad er svært" øvelse og forventningsafstemning - Opgaver fra sidst
10:00	You work, and MON is mostly available on element
12:30	Meet up again?

Today's material is on the companion site³¹

Feel free to add more files than the ones mentioned in the exercises, but the names of the specific files must be the same for scripting reasons.

²⁹<https://ucl.dk.zoom.us/j/69979373610>

³⁰https://drive.google.com/file/d/15QivsdTcdlU5wT0v5Z40urPIp2ysB_Ud/view?usp=sharing

³¹https://moozer.gitlab.io/course-networking-basisc/06_domain_name_system

7.4 Hands-on time

7.4.1 Exercise 0 - hvad er svært?

Denne laver vi på klassen

Nøgle koncepter der er introduceret: * ISO model Lag 1, 2, 3 og lidt 4 * Virtuelle maskiner * IP adresser * Routing * "Sende direkte" * Subnets * Ethernet pakker in på kablet * NAT * andet?

Nøgle skills: * Forbinde virtual machines * Importere virtuelle maskiner * Tegne netværksdiagrammer * Bruge kommando linien * Systematisk fejlfinding * Se og konfigurere ip adresse på linux * Genfinde pakker vha. wireshark * andet?

1. Mangler der noget?
2. Er vi enige om hvad ovenstående dækker over?
3. Vi sorterer dem på en skala fra 1-5
4. Vi beslutter om der mangler materiale til de enkelte punkter

7.4.2 Exercises part 1 - DNS Explained

The material is here³²

1. Read/view the material about DNS
2. Do the exercise about DNS records
Upload result to a markdown file called `ww45/ex01.md`

7.4.3 Exercises part 2 - DNS tools

The material is here³³

1. Do the exercise called "dig server"
Upload result to a markdown file called `ww45/ex02.md`
2. Do the exercise called "dig reverse"
Upload result to a markdown file called `ww45/ex03.md`

³²https://moozer.gitlab.io/course-networking-basisc/06_domain_name_system/dns_explained

³³https://moozer.gitlab.io/course-networking-basisc/06_domain_name_system/dns_tools

3. Do the exercise called “dig +trace”
Upload result to a markdown file called `ww45/ex04.md`
4. Do the exercise called “dig records”
Upload result to a markdown file called `ww45/ex05.md`
5. Do the exercise called “dns and wireshark”
Upload result to a markdown file called `ww45/ex06.md`

7.5 Comments

- Jeg har omstruktureret lidt i “exercises” delen, så det matcher hvad jeg snakkede med nogen af Jer om i sidste uge. Virker det?

8 Week 46

8.1 Goals of the week(s)

Practical and learning goals for the period is as follows

8.1.1 Practical goals

- (ingen)

8.1.2 Learning goals

- explain how the HTTP protocol works
- explain the practical differences between HTTP and HTTPS
- explain the infrastructure needed to use HTTPS

8.2 Deliverables

- Small files, see exercises

8.3 Schedule

Below is the tentative schedule, which may be changed depending on input from the students.

8.3.1 Tirsdag

Time	Activity
8:15	Vi er på skolen (med mundbind) - hjemmeside ³⁴ opdatering!! - Kryptering er på programmet i dag. . .
10:00	You work, and MON is mostly available on element and a bit on-call
12:30	Meet up again?

Today's material is on the companion site³⁵

Feel free to add more files than the ones mentioned in the exercises, but the names of the specific files must be the same for scripting reasons.

8.4 Hands-on time

8.4.1 Exercises part 1 - HTTP protokol

The material is here³⁶

1. Se på materialet om HTTP. Noter nøgleordene.
2. Do the exercise about Initial browser connection
Upload result to a markdown file called `ww46/ex01.md`

8.4.2 Exercises part 2 - web clients

The material is here³⁷

2. Do the exercise about Fetching on the command line
Upload result to a markdown file called `ww46/ex02.md`

³⁴<https://moozer.gitlab.io/course-networking-basisc>

³⁵https://moozer.gitlab.io/course-networking-basisc/07_HTTP

³⁶https://moozer.gitlab.io/course-networking-basisc/07_HTTP/http_protocol

³⁷https://moozer.gitlab.io/course-networking-basisc/07_HTTP/web_clients

3. Do the exercise about Inspecting HTTP traffic
Upload result to a markdown file called `ww46/ex03.md`
4. Do the exercise about Inspect in you own browser
Upload result to a markdown file called `ww46/ex04.md`

8.4.3 Exercises part 3 - HTTPS protokol og kryptering

The material is here³⁸

1. Se på materialet om HTTPS. Tag noter undervejs.
2. Do the exercise about Symmetric encryption
Upload result to a markdown file called `ww46/ex05.md`
3. Do the exercise about Symmetric encryption
Upload result to a markdown file called `ww46/ex06.md`
4. Do the exercise about Asymmetric encryption
Upload result to a markdown file called `ww46/ex07.md`
5. Do the exercise about HTTPS and certificates
Upload result to a markdown file called `ww46/ex08.md`
6. Do the exercise about Fetching HTTPS on the command line
Upload result to a markdown file called `ww46/ex09.md`
7. Do the exercise about HTTPS and wireshark
Upload result to a markdown file called `ww46/ex10.md`

8.5 Comments

- (ingen pt)

9 Week 47

9.1 Goals of the week(s)

Practical and learning goals for the period is as follows

³⁸https://moozer.gitlab.io/course-networking-basisc/07_HTTP/https

9.1.1 Practical goals

- (ingen)

9.1.2 Learning goals

- design simple networks
- document simple networks
- explain how to test network

9.2 Deliverables

- Small files, see exercises

9.3 Schedule

Below is the tentative schedule, which may be changed depending on input from the students.

9.3.1 Tirsdag

Time	Activity
8:15	Vi er online på zoom ³⁹
10:00	You work, and MON is mostly available on element and a bit on-call
12:30	Meet up again?

Today's material is on the companion site⁴⁰

Feel free to add more files than the ones mentioned in the exercises, but the names of the specific files must be the same for scripting reasons.

³⁹<https://ucl.dk.zoom.us/j/69979373610>

⁴⁰https://moozer.gitlab.io/course-networking-basisc/08_network_layout

9.4 Hands-on time

9.4.1 Exercises part 1 - Hardware

The material is here⁴¹

1. Se på materialet om hardware. Noter nøgleordene.
2. Do the exercise about Network hardware and servers
Upload result to a markdown file called `ww47/ex01.md`

9.4.2 Exercises part 2 - Designing networks

The material is here⁴²

1. Se på materialet om designing networks. Noter nøgleordene.
2. (Optional) Tilgå skolens VPN
 - Det kræver at tethering og internet adgang over telefon, og ikke skolens netværk. Hvorfor er det vigtigt?
 - Connect til skolen via Kali. Se <https://vpn.ucl.dk>
 - Se på interfaces og brug wireshark
 - Snak om det på klassen
3. Do the exercise about SOHO network
Upload result to a markdown file called `ww47/ex02.md`
4. Do the exercise “Not so SOHO network”
Upload result to a markdown file called `ww47/ex03.md`

9.5 Comments

- (ingen pt)

⁴¹https://moozer.gitlab.io/course-networking-basisc/08_network_layout/hardware

⁴²https://moozer.gitlab.io/course-networking-basisc/08_network_layout/designing

10 Week 48

10.1 Goals of the week(s)

Practical and learning goals for the period is as follows

10.1.1 Practical goals

- Vi har forventningsafstemt eksamenen

10.1.2 Learning goals

- explain the structure of the internet
- explain routing, BGP and AS

10.2 Deliverables

- Small files, see exercises

10.3 Schedule

Below is the tentative schedule, which may be changed depending on input from the students.

10.3.1 Tirsdag

Time	Activity
8:15	Vi er på skolen - snak om eksamen (prodecure ⁴³)
10:00	You work, and MON is mostly available on element and on-call
12:30	Meet up again?

Today's material is on the companion site⁴⁴

⁴³https://moozer.gitlab.io/20a-at3-networking/20A_AT3_NETWORKING_eksamens_procedure.pdf

⁴⁴https://moozer.gitlab.io/course-networking-basisc/09_Internet

Feel free to add more files than the ones mentioned in the exercises, but the names of the specific files must be the same for scripting reasons.

10.4 Hands-on time

10.4.1 Exercises part 1 - Internet

The material is here⁴⁵

1. Se på materialet om “Internet”. Noter nøgleordene.
2. Do the exercise about “Check the ISP”
Upload result to a markdown file called `ww48/ex01.md`
3. Do the exercise about “public IPs”
Upload result to a markdown file called `ww48/ex02.md`

10.4.2 Exercises part 2 - Routing

The material is here⁴⁶

1. Read up on BGP to get the basics of the protocol. You are not to be experts.
2. Do the exercise about “Finding the ASes”
Upload result to a markdown file called `ww48/ex03.md`
3. Do the exercise “Testing using RIPESTAT”
Upload result to a markdown file called `ww48/ex04.md`
4. Do the exercise “Testing looking glasses using telnet”
Upload result to a markdown file called `ww48/ex05.md`

10.5 Comments

- (ingen pt)

⁴⁵https://moozer.gitlab.io/course-networking-basisc/09_Internet/internet

⁴⁶https://moozer.gitlab.io/course-networking-basisc/09_Internet/routing

11 Week 49

11.1 Goals of the week(s)

Practical and learning goals for the period is as follows

11.1.1 Practical goals

- Consolidation...

11.1.2 Learning goals

- use networking knowledge to troubleshoot
- configure networks
- trace HTTP and DNS using network tools

11.2 Deliverables

- Small files, see exercises

11.3 Schedule

Below is the tentative schedule, which may be changed depending on input from the students.

11.3.1 Tirsdag

Time	Activity
8:15	Vi er online på zoom ⁴⁷
10:00	You work, and MON is mostly available on element and a bit on-call
12:30	Meet up again?

⁴⁷<https://ucl.dk.zoom.us/j/69979373610>

Today's material is on the companion site⁴⁸

Feel free to add more files than the ones mentioned in the exercises, but the names of the specific files must be the same for scripting reasons.

11.4 Hands-on time

Det meste i dag burde være velkendt.

Hvis der er problemer, så sig til, så kan det være at vi skal finde lidt mere baggrundsmateriale. Og snart, da I skal til at læse op på tingene.

11.4.1 Exercises part 1 - Setup

The material is here⁴⁹

2. Do the exercise about "Installation"

Upload result to a markdown file called `ww49/ex01.md`

11.4.2 Exercises part 2 - DNS and HTTP

The material is here⁵⁰

2. Do the exercise about "DNS"

Upload result to a markdown file called `ww49/ex02.md`

3. Do the exercise about "web proxy"

Upload result to a markdown file called `ww49/ex03.md`

11.5 Comments

- (ingen pt)

⁴⁸https://moozer.gitlab.io/course-networking-basisc/10_Consolidation

⁴⁹https://moozer.gitlab.io/course-networking-basisc/10_Consolidation/setting_up

⁵⁰https://moozer.gitlab.io/course-networking-basisc/10_Consolidation/dns_http

12 Additional resources

None at this time