



LES REGLENE FØR DU STARTER/STARTAR!
READ THE RULES BEFORE YOU START!

Skriv kandidatnummeret ditt her ⇨⇨
Write your candidate number here ⇨

--	--	--	--	--

1.1

Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False
1.1.1... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.1.2... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.1.3... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.1.4... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.1.5... <input type="checkbox"/> <input checked="" type="checkbox"/>
1.1.6... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.1.7... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.1.8... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.1.9... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.1.10 <input checked="" type="checkbox"/> <input type="checkbox"/>

1.2

Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False
1.2.1... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.2.2... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.2.3... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.2.4... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.2.5... <input checked="" type="checkbox"/> <input type="checkbox"/>
1.2.6... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.2.7... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.2.8... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.2.9... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.2.10 <input type="checkbox"/> <input checked="" type="checkbox"/>

1.3

Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False
1.3.1... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.3.2... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.3.3... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.3.4... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.3.5... <input checked="" type="checkbox"/> <input type="checkbox"/>
1.3.6... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.3.7... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.3.8... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.3.9... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.3.10 <input type="checkbox"/> <input checked="" type="checkbox"/>

1.4

Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False
1.4.1... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.4.2... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.4.3... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.4.4... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.4.5... <input checked="" type="checkbox"/> <input type="checkbox"/>
1.4.6... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.4.7... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.4.8... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.4.9... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.4.10 <input type="checkbox"/> <input checked="" type="checkbox"/>

1.5

Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False	Riktig True	Galt False
1.5.1... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.5.2... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.5.3... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.5.4... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.5.5... <input checked="" type="checkbox"/> <input type="checkbox"/>
1.5.6... <input checked="" type="checkbox"/> <input type="checkbox"/>	1.5.7... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.5.8... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.5.9... <input type="checkbox"/> <input checked="" type="checkbox"/>	1.5.10 <input checked="" type="checkbox"/> <input type="checkbox"/>

Kontroller:	Eksamensvaktens signature / Invigilator's signature
<ul style="list-style-type: none"> • Kandidatenr. på alle sider • Samme kandidatenr. over alt 	



LES REGLENE FØR DU STARTER/STARTAR!
READ THE RULES BEFORE YOU START!

Skriv kandidatnummeret ditt her ⇨⇨
Write your candidate number here ⇨

--	--	--	--	--	--

2. NOTE: The **sum** of number of answers on this page (Task 2) should **not** be > 10 (to avoid minus points)
Summen av antall svar på denne siden (Task 2) bør **ikke** være > 10 (for å unngå minuspoeng)

2.1

c) and d)

2.2

e) and g)

2.3

a), b) and e)

2.4

d) and g)

2.5

a)



LES REGLENE FØR DU STARTER/STARTAR!
READ THE RULES BEFORE YOU START!

Skriv kandidatnummeret ditt her ⇨⇨
Write your candidate number here ⇨

--	--	--	--	--	--

3. (One answer for each subtask / ett svar for hver deloppgave)

3.1

.....

f)

.....

3.2

.....

f)

.....

3.3

.....

d) or something like “(total volume of data transferred)/(total time used for transfer)”

.....

3.4

.....

a)

.....

3.5

.....

f)

.....



LES REGLENE FØR DU STARTER/STARTAR!
READ THE RULES BEFORE YOU START!

Skriv kandidatnummeret ditt her ⇨⇨
Write your candidate number here ⇨

--	--	--	--	--	--

4

4.1 (One to maximum three short sentences / En til maksimum tre korte setninger)

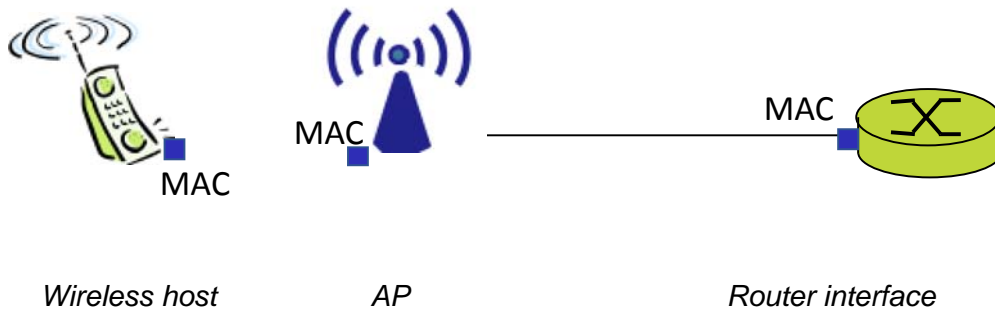
.....

.....

.....

CRC has a known algorithm. A “man-in-the-middle” attack can change data and recalculate CRC.

4.2 (A simple drawing and a few short sentences / En enkel figur og noen få korte setninger)



The use of the address fields 1 and 2 depends on transmission direction of frame:
 Address 1: MAC address of destination – wireless host or access point (AP)
 Address 2: MAC address of source - wireless host or AP
 Address 3: MAC address of router interface to which AP is attached

Association frame is transmitted only over the wireless segment – thus only MAC addresses of access point (AP) and wireless host are relevant.

.....

.....

.....