

Quiz #1

INSE 7110 – Winter 2009

Value Added Services Engineering in Next Generation Networks

Rules

1. No reclamation the day the quiz is corrected
2. Reclamations can be made during office hours only
3. Reclamations will be considered only the week after the quiz correction
4. Points can be lost for far fetched and unjustified reclamations

Question #1

3 points (0.5 per sub-question)

Comments

1. Addendums are included in the scope of the quiz.
2. 2G does include data services, but over a circuit switched connection
 - Difference: Data services over a packet switched network (instead of a circuit switched network)
 - Commonality; Use of circuit switched for voice calls

Question #2

3 points (1 point per example of difference)

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Question #3

3 points (1 point per type of CSCF)

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Question #4

3 points (1 point per step)

RAS signaling (H.225)

Call set up signaling (Q.931)

Media signaling (H.245)

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Question #5

3 points (1 point per example of difference)

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Question #6

5 points

Sub-question 1 (2.5 points)

0.5 point: correct sequence for putting each participant in the conference, including the ADD (total 1.5)

0.5 point: correct sequence for putting 2G user in the 2G/3G conversion context

0.5 point: correct sequence for putting RTP from conference bridge (i.e. Mixer) in 2G/3G conversion context

Sub-question 2 (2.5 points)

1 point: correct sequence for putting 3GS2 in conference

1 point: correct sequence for removing 3GS1 from conference

0.5 point: Notification