

Web Applications – Exam #4 (deadline 2026-01-18 at 23:59)

“Cloud”

Question and answers already given in the google doc

1. Should the instance types (16, 32, 128 GB) be configurable server-side, or are they fixed and only their prices should be configurable?

Only the price should be configurable, for simplicity.

2. Should this values (percentage and threshold) be configurable server-side or we can consider them as fixed?

Be configurable server-side.

3. Could you please clarify how these percentages should be applied? Do they only apply to additional GB beyond the included 10 GB?

Yes, only to the ones beyond 10 GB.

4. So there's no upper limit for data transfer? User can choose whatever he wants without infrastructure limitations?

No upper limit for data transfer.

5. Should the fact that data transfer has no upper limit be saved in the database?

No need for this.

6. If you could clarify this point: if a user purchases an instance with 60 GB of data transfer, how much should they pay per month? Would it be $1 + 4 = 5$ €?

$1 + ((60 - 10) / 10) * (1 \text{ euro} * 0,80 \text{ percent}) = 5$

7. the data transfer fee must be an integer as the fees of the other services, or we should use another type of data?

Fees (like money, e.g., euros) are not necessarily integer.

8. Could you please clarify whether the limit of 6 computation instances applies globally across all users, or per individual user/account?

Globally across all users

9. In this case, i don't understand if each order should always contain both the three offered services, or we may have some orders that, for instance, do not have a computation instance and/or storage capacity.

Must include one = must always be present. Also storage capacity and data transfer must always be present (in some quantity, depending on the constraints)

10. In this case, orders can be modified at any time, but only if they haven't been confirmed by the cloud, right? If they have already been confirmed by the cloud, only cancellation is allowed.

Yes, correct.

11. the list of past orders should show also the deleted orders?

No requirement on this.