

Microsoft Discussions



**Exam AZ-900 All Questions**

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EXAM AZ-900 TOPIC 1 QUESTION 76 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 76

Topic #: 1

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**HOTSPOT -**

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

Statements	Yes	No
Cloud computing provides elastic scalability.	<input type="radio"/>	<input type="radio"/>
Customers can minimize capital expenditure (CapEx) by using a public cloud.	<input type="radio"/>	<input type="radio"/>
Cloud computing leverages virtualization to provide services to multiple customers simultaneously.	<input type="radio"/>	<input type="radio"/>

Show Suggested Answer

by [ifa1](#) at Sept. 2, 2021, 4:43 a.m.

**Comments**

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  **Zuccerberg** Highly Voted  3 years, 1 month ago

What is meant with leveraged virtualization?

   upvoted 19 times

  **Super63** 3 days, 21 hours ago

Leverage can mean two things:

Finances: the ratio of a company's loan capital (debt) to the value of its ordinary shares (equity); gearing.

Use: use (something) to maximum advantage. "the organization needs to leverage its key resources"

So the option can be read as follows: Cloud computing uses virtualization to its maximum advantage by providing services to multiple customers simultaneously

   upvoted 1 times

  **adsjflkadsj** 2 years, 8 months ago

Cloud is a physical machine (i.e. VM Host) running with many client (i.e. VM guest) to provide services. That mean one client (VM guest) would not bring down the whole VM Host or affecting the performance of other client (VM guest) even they have 100% cpu loading.

   upvoted 12 times

  **urbanbushman** 1 year, 11 months ago

Virtualization is the key to cloud computing, since it is the enabling technology allowing the creation of an intelligent abstraction layer which hides the complexity of underlying hardware or software.

   upvoted 8 times

  **markbugatti** 1 year, 6 months ago

in another words it uses virtualization. It means your OS is not connected to concrete hardware.

   upvoted 4 times

  **Akinola1** Highly Voted  3 years ago

Right Answer

   upvoted 11 times

  **VaibhavGawali** Most Recent  4 months, 1 week ago

YYY Answer is correct.

1: Yes. Cloud computing provides elastic scalability, allowing resources to be scaled up or down based on demand.


2. Yes. Customers can minimize capital expenditure (CapEx) by using a public cloud, as they do not need to invest in physical infrastructure and can instead pay for resources on a pay-as-you-go basis.

3. Yes. Cloud computing leverages virtualization to provide services to multiple customers simultaneously, enabling efficient resource utilization and isolation.

   upvoted 4 times

  **Alonsochaves** 7 months ago

YYY for all the options

   upvoted 1 times

  **flaviolbrito** 8 months, 3 weeks ago

Na segunda resposta entendo que minimiza esteja certo porque quando compra-se uma licenca de software é considerado capex, logo mesmo na cloud pode acontecer gastos com capex. Se fosse alugar um software (pago por mês ou ano) ai é considerado um gasto recorrente logo seria Opex.

   upvoted 1 times

  **SAFM** 1 year ago

I think No. 2 should be "No" because the public cloud completely eliminates CapEx for customers, not only reduces them.

   upvoted 3 times

  **dvalverde99** 10 months, 1 week ago

I agree with you, but I also agree that we are overthinking it. The right answer is YES

   upvoted 1 times

  **gfreire57** 1 year ago

i think it meant to reduce the CapEx in infrastructure needed, but the costumer still need to buy basic infrastructure such as computers and internet access (providing all the initial connection to the cloud). So I guess "eliminates" is a too strong word to describe this.

   upvoted 2 times

  **3cc17f1** 10 months, 3 weeks ago

this is overthinking it. A reduction to zero is still a reduction.

   upvoted 6 times

  **picho707** 1 year, 5 months ago

There is a difference between cloud computing provides compute scalability to cloud computing "can" provide elastic scalability.

   upvoted 1 times

  **jems023** 1 year, 6 months ago

never heard the "elastic scalability" because elastic is about auto -scaling while scalability is commonly known as manual-scaling with two categories (Vertical and Horizontal). Any explanation guys?

   upvoted 4 times

  **cybwear** 1 year, 5 months ago

Elasticity is a subset of scalability pertaining to automated way of scaling up/down. It's just a way to also refer to Auto-scaling.

   upvoted 3 times

  **pnbttot** 6 months ago

there is no term "elastic scalability"

   upvoted 1 times

  **petebear55** 1 year, 4 months ago



YES I AGREE ... THIS IS A NASTY WAY TO MAKE PEOPLE FAIL AND UNFAIR ... THE QUEWSTION NEEDS REWRITTING

   upvoted 4 times

  **kqureshi** 1 year, 7 months ago

elasticity is auto scaling, never heard the term elastic scaling.

   upvoted 4 times

  **kirshoff** 1 year, 11 months ago

There is no CapEx in the public cloud. When passing from private to hybrid, the CapEx is minimized.

   upvoted 4 times

  **crux\_mits** 1 year, 3 months ago

i completely agree with you. not sure why ppl are ticking YYY.

   upvoted 1 times

  **amarjitsahoo** 2 years, 1 month ago

Correct Y,Y,Y

   upvoted 1 times

  **amr77** 2 years, 1 month ago

correct

   upvoted 1 times

  **MNJ12345** 2 years, 8 months ago

Does this term "elastic scalability" exist?

   upvoted 7 times

  **nav777** 2 years, 9 months ago

Yes Yes Yes is Correct Ans.

   upvoted 6 times

  **JOJO2050** 2 years, 9 months ago

Virtualization is the key to cloud computing, since it is the enabling technology allowing the creation of an intelligent abstraction layer which hides the complexity of underlying hardware or software.

   upvoted 1 times

  **arjaycee** 2 years, 9 months ago

Yes

Yes

Yes

   upvoted 2 times

  **xiban** 2 years, 10 months ago

what is elastic scalability ?

   upvoted 6 times

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