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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 89 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 89

Topic #: 1

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You are migrating a production-critical on-premises application that requires 96 vCPUs to perform its task. You want to make sure the application runs in a similar environment on GCP. What should you do?

- A. When creating the VM, use machine type n1-standard-96.
- B. When creating the VM, use Intel Skylake as the CPU platform.
- C. Create the VM using Compute Engine default settings. Use gcloud to modify the running instance to have 96 vCPUs.
- D. Start the VM using Compute Engine default settings, and adjust as you go based on Rightsizing Recommendations.

Show Suggested Answer

by dan80 at June 5, 2020, 9:12 p.m.

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? ? **dan80** Highly Voted ? 4 years, 4 months ago

A is correct - <https://cloud.google.com/compute/docs/machine-types>

? ? ? upvoted 52 times

? ? **Ahmed_Y** 1 year, 2 months ago

Indeed, there is a n1-standard-96 machine type in the machine types list here
<https://cloud.google.com/compute/docs/general-purpose-machines>

? ? ? upvoted 2 times

? ? **glam** Highly Voted ? 4 years ago

A. When creating the VM, use machine type n1-standard-96.

? ? ? upvoted 12 times

? ? **Enamfrancis** Most Recent ? 4 weeks ago

Selected Answer: A

why B ?

Option A is the most straightforward and reliable way to ensure your application runs in a similar environment with the required 96 vCPUs

? ? ? upvoted 1 times

? ? **BAofBK** 11 months, 2 weeks ago

The correct answer is A

? ? ? upvoted 1 times

? ? **Rajeshpaspi** 1 year ago

A is the correct answer

? ? ? upvoted 1 times

? ? **Captain1212** 1 year, 1 month ago

Selected Answer: A

A is correct, use machine type n1-standard-96 while creating the VM

? ? ? upvoted 3 times

? ? **sakdip66** 1 year, 6 months ago

Selected Answer: A

the goal is to have an equivalent of this app in GCP. therefore A is the best shot we have

? ? ? upvoted 1 times

? ? **Buruguduystunstugudunstuy** 1 year, 8 months ago

Selected Answer: A

A. When creating the VM, use machine type n1-standard-96.

Answer A is the correct answer as it directly addresses the requirement to have 96 vCPUs by selecting the n1-standard-96 machine type. This machine type offers 96 vCPUs, 360 GB of memory, and up to 2,400 GB of local SSD storage.

<https://cloud.google.com/compute/docs/machine-resource>

Answer B is incorrect because selecting a CPU platform alone will not guarantee the availability of the required number of vCPUs.

Answer C is incorrect because it is not possible to modify a running Compute Engine instance to add vCPUs. vCPUs can only be added or removed during instance creation or by stopping the instance first.

Answer D is incorrect because while Rightsizing Recommendations can help optimize compute resources, they will not guarantee that the application has the required 96 vCPUs to function properly.

? ? ? upvoted 8 times

? ? **cslince** 1 year, 10 months ago

Selected Answer: A

A is correct - <https://cloud.google.com/compute/docs/machine-types>

? ? ? upvoted 2 times

? ? **fragment137** 1 year, 10 months ago

the instance name for 96 vcpu N1 is "n1-highcpu-96", not n1-standard-96.

Possible that has been updated since this question came out?

? ? ? upvoted 3 times

? ? **leogor** 1 year, 11 months ago

Selected Answer: A

Selected Answer: A

keyword: n1-standard-96

   upvoted 1 times

  **Charumathi** 2 years ago


A. is correct,
N1

* CPU types --> Skylake, Broadwell, Haswell, Sandy Bridge, and Ivy Bridge

* Architecture --> x86

* vCPUs 1 to 96

   upvoted 1 times

  **Sivaprakash674** 2 years, 3 months ago

Go with A, It is the Correct one .

   upvoted 1 times

  **Adeem1981** 2 years, 3 months ago

Selected Answer: B

SKYLAKE IS 96VCPU. B is correct.


   upvoted 1 times

  **vivdso** 2 years, 2 months ago

<https://cloud.google.com/compute/docs/machine-types>

N1 machine series have up to 96 vCPUs, 6.5 GB of memory per vCPU, and are available on Intel Sandy Bridge, Ivy Bridge, Haswell, Broadwell, and Skylake CPU platforms.



   upvoted 3 times

  **RanjithK** 2 years, 3 months ago

Selected Answer: A

Go with A

   upvoted 1 times

  **AzureDP900** 2 years, 4 months ago

<https://cloud.google.com/compute/docs/general-purpose-machines> - A is correct

   upvoted 1 times

  **haroldbenites** 2 years, 4 months ago

Go for A

<https://cloud.google.com/compute/all-pricing?hl=es>

   upvoted 2 times

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