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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 20 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 20

Topic #: 1

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You created an instance of SQL Server 2017 on Compute Engine to test features in the new version. You want to connect to this instance using the fewest number of steps. What should you do?

- A. Install a RDP client on your desktop. Verify that a firewall rule for port 3389 exists.
- B. Install a RDP client in your desktop. Set a Windows username and password in the GCP Console. Use the credentials to log in to the instance.
- C. Set a Windows password in the GCP Console. Verify that a firewall rule for port 22 exists. Click the RDP button in the GCP Console and supply the credentials to log in.
- D. Set a Windows username and password in the GCP Console. Verify that a firewall rule for port 3389 exists. Click the RDP button in the GCP Console, and supply the credentials to log in.

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by [cesar7816](#) at *March 9, 2020, 4:47 a.m.*

Comments

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vnxt Highly Voted 4 years, 5 months ago

I would say B is correct. RDP is enabled by default when you create a Windows instance (no need to check on it). Just make sure you install an RDP client (chrome ext or RDP) and set windows password.

upvoted 56 times

pas77 3 years, 3 months ago

Obviously, B is not the answer because you have to install an RDP client which is an extra step. D is the answer because you can connect directly using the RDP button in the GCP console.

upvoted 18 times

jabrrJ68w02ond1 2 years, 10 months ago

Tested it myself. At least on my Machines, I was asked to First install a RDP Client.

upvoted 20 times

UtsavDM 3 years, 1 month ago

No, we can't connect using RDP directly in the GCP console. When we click on it, it asks us to install RDP client. So ultimately, B is more accurate.

upvoted 26 times

ryumada 2 years, 2 months ago

The firewall rule for port 3389 is created by default if you create windows server on Compute Engine. So, no need to verify it.

<https://cloud.google.com/compute/docs/instances/connecting-to-windows#before-you-begin>

upvoted 5 times

eledu1985 1 year, 12 months ago

In the link you provided the first step is to verify firewall rule was created, even if it is the default option!, so D is the most accurate even by the link.

upvoted 6 times

bubidubi 8 months, 2 weeks ago

I disagree. The Q says that you have just created this VM, which means the FW rules for RDP has also been created. I believe the documentations says it a bit wonky as it is something to check if things aren't working after you've done everything right, as someone could have deleted that rule if this server has been up for a while, rather than having to check this right after you've made a new VM.

I'd say B is better answer than D.

upvoted 1 times

Gregwaw 1 year, 1 month ago

You need firewall ingress rule for port 3398 in your VPC. It is not created by default.

upvoted 1 times

ankit89 Highly Voted 4 years, 5 months ago

D seems more correct

upvoted 35 times

obeythefist 2 years, 7 months ago

I tested this on on Compute Engine today by deploying a new instance. D is not correct. When you click the RDP button, you are asked to install a client or use the Windows RDP client if you are running Windows. There is no option to enter credentials or get an RDP session through the web interface.

upvoted 21 times

rchowra Most Recent 2 days, 1 hour ago

correct answer is D

upvoted 1 times

akki82782 3 days, 11 hours ago

Option D is correct because it includes setting up a Windows username and password, verifying that port 3389 is open for RDP in the firewall, and then using the RDP button in the GCP Console to log in, ensuring all necessary steps for a successful connection are completed.

upvoted 1 times

Chetantest07 6 days, 10 hours ago

D ... direct connection, no client installation and simplified network configurations

upvoted 1 times

sivakarthick16 3 weeks, 6 days ago

Selected Answer: D

Selected Answer: D

This option provides a clear set of steps: you set the necessary credentials, ensure the firewall allows RDP traffic, and then use the built-in RDP feature of the GCP Console to connect directly to the instance.

upvoted 1 times

Timfdklfajlksdjlakf 1 month, 3 weeks ago

Selected Answer: D

Google Cloud Console provides an easy-to-use RDP button that allows you to directly connect to your instance without needing to separately install and configure an RDP client. This reduces the steps required for connection.

upvoted 1 times

kairosfc 2 months, 2 weeks ago

Selected Answer: D

D is correct

upvoted 1 times

jcloud965 3 months ago

Selected Answer: D

Documentation says "By default, Compute Engine creates firewall rules that allow RDP access on TCP port 3389. Verify that these firewall rules exist by visiting the firewall rules page in the Google Cloud console and looking for firewall rules that allow tcp:3389 connections."

upvoted 2 times

BuenaCloudDE 3 months ago

I think that the Q already not exist because much easier to do it by CLI and command which provides on created page of SQL instance?

upvoted 1 times

ccpmad 4 months, 3 weeks ago

who say D, better to change to other cloud.

If you click rdp button in gcp windows instance, create username and password to use in a remote desktop software. There is not one of this in gcp console. Yo need something external, like IAP Desktop or de Remote desktop programa in Windows pcs.

upvoted 1 times

sinh 9 months, 1 week ago

Selected Answer: D

The following sites do not describe RDP client installation.

<https://cloud.google.com/compute/docs/instances/connecting-to-windows>

upvoted 1 times

Suryas_One 9 months, 2 weeks ago

In general, both B and D options are correct. But, as per the question we need to identify which one has a minimum number of steps involved. As per Google documents, when you create a Windows Instance, the RDP Port 3389 is enabled by default, so here we need not check for this PORT status. Therefore answer is B. Here is a reference from GCP Documents "Be sure the VM allows access through Remote Desktop Protocol (RDP). By default, Compute Engine creates firewall rules that allow RDP access on TCP port 3389. Verify that these firewall rules exist by visiting the firewall rules page in the Google Cloud console and looking for firewall rules that allow tcp:3389 connections."

upvoted 3 times

sinh 9 months, 2 weeks ago

Selected Answer: D

<https://cloud.google.com/compute/docs/instances/connecting-to-windows#remote-desktop-connection-app>

upvoted 1 times

thewalker 11 months ago

Selected Answer: B

B + D.

In B, Verify that a firewall rule for Port 3389 exists - is missing.

in D, Install a RDP client in your desktop - is missing.

Going with B as 3389 port should be enabled to connect to a Windows Instance. However, the step of installing the RDP client is important and by clicking on RDP button in the GCP Console will let you download the <instance name>.rdp file which is a shortcut to open the Windows VM instance using RDP / mstsc.

upvoted 3 times

NoviceNebula 11 months ago

Selected Answer: D

I would say D as the question says fewest number of steps. So three steps

I would say D as the question says fewest number of steps. So three steps

1. Set a Windows username and password in the GCP Console.
 2. Verify that a firewall rule for port 3389 (RDP) exists.
 3. Use the RDP button in the GCP Console to connect to the instance, supplying the credentials for login.
- In option B it says install RDP client. Which I think not the headache of GCP if you have installed RDP or not.

upvoted 1 times

Evan7557 1 year ago

Answer D

upvoted 1 times

ovokpus 1 year ago

Selected Answer: D

Given the options:

The first option mentions port 22, which is for SSH (used typically for Linux instances) and is irrelevant in this context.

The second option matches the typical process of setting a Windows username/password, ensuring the firewall rule, and then using the GCP Console's RDP button.

The third option misses the step about setting a Windows username/password.

The fourth option involves the manual process of setting up an RDP client and then connecting.

Given the emphasis on "fewest number of steps", the best option is: D

upvoted 1 times

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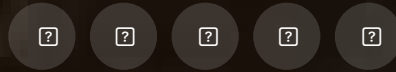
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