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Exam Professional Cloud Security Engineer All Questions

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EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 181 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 181

Topic #: 1

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Your organization operates Virtual Machines (VMs) with only private IPs in the Virtual Private Cloud (VPC) with internet access through Cloud NAT. Everyday, you must patch all VMs with critical OS updates and provide summary reports.

What should you do?

- A. Validate that the egress firewall rules allow any outgoing traffic. Log in to each VM and execute OS specific update commands. Configure the Cloud Scheduler job to update with critical patches daily for daily updates.
- B. Copy the latest patches to the Cloud Storage bucket. Log in to each VM, download the patches from the bucket, and install them.
- C. Assign public IPs to VMs. Validate that the egress firewall rules allow any outgoing traffic. Log in to each VM, and configure a daily cron job to enable for OS updates at night during low activity periods.
- D. Ensure that VM Manager is installed and running on the VMs. In the OS patch management service, configure the patch jobs to update with critical patches daily.

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by  K1SMM at Aug. 2, 2023, 11:01 a.m.

Comments

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🗄️ 👤 **i_am_robot** 1 year, 1 month ago

Selected Answer: D

The best option would be D. Ensure that VM Manager is installed and running on the VMs. In the OS patch management service, configure the patch jobs to update with critical patches daily.

This approach allows you to automate the process of patching your VMs with critical OS updates. VM Manager is a suite of tools that offers patch management, configuration management, and inventory management for VM instances. By using VM Manager's OS patch management service, you can ensure that your VMs are always up-to-date with the latest patches.

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🗄️ 👤 **Xoxoo** 1 year, 4 months ago

Selected Answer: D

VM Manager is a suite of tools that can be used to manage operating systems for large virtual machine (VM) fleets running Windows and Linux on Compute Engine. It helps drive efficiency through automation and reduces the operational burden of maintaining these VM fleets. VM Manager includes several services such as OS patch management, OS inventory management, and OS configuration management. By using VM Manager, you can apply patches, collect operating system information, and install, remove, or auto-update software packages. The suite provides a high level of control and automation for managing large VM fleets on Google Cloud.

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **cyberpunk21** 1 year, 5 months ago

Selected Answer: D

D is correct using VM manager we can patch all the VM's

👍 🔄 🚩 upvoted 2 times

🗄️ 👤 **pfilourenco** 1 year, 5 months ago

Selected Answer: D

D is the correct

👍 🔄 🚩 upvoted 2 times

🗄️ 👤 **Sanjana2020** 1 year, 5 months ago

A- validate egress firewall rules

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **a190d62** 1 year, 5 months ago

Selected Answer: D

VM manager is a suite of tools used to automate managing of the fleet of VMs (including OS patching)

<https://cloud.google.com/compute/docs/vm-manager>

👍 🔄 🚩 upvoted 3 times

🗄️ 👤 **K1SMM** 1 year, 5 months ago

D vm doesn't need ip public on cloud nat

👍 🔄 🚩 upvoted 1 times



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