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Exam Professional Cloud Security Engineer All Questions

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📄 EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 317 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 317

Topic #: 1

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You work for a large organization that recently implemented a 100GB Cloud Interconnect connection between your Google Cloud and your on-premises edge router. While routinely checking the connectivity, you noticed that the connection is operational but there is an error message that indicates MACsec is operationally down. You need to resolve this error. What should you do?

- A. Ensure that the Cloud Interconnect connection supports MACsec.
- B. Ensure that the on-premises router is not down.
- C. Ensure that the active pre-shared key created for MACsec is not expired on both the on-premises and Google edge routers.
- D. Ensure that the active pre-shared key matches on both the on-premises and Google edge routers.

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by [abdelrahman89](#) at Oct. 25, 2024, 1:57 a.m.

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🗨️ [Pime13](#) 7 months, 3 weeks ago

Selected Answer: D

You successfully enabled MACsec on your Cloud Interconnect connection and on your on-premises router, but the MACsec session displays that it is operationally down on your Cloud Interconnect connection links. The issue could be caused by one of the following:

The active keys on your on-premises router and Google's edge routers don't match.
A MACsec protocol mismatch exists between your on-premises router and Google's edge router.

<https://cloud.google.com/network-connectivity/docs/interconnect/how-to/macsec/troubleshoot-macsec>

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☰ 👤 **MoAk** 8 months ago

Selected Answer: D

D, rather than C here since its a new implementation and unlikely that it will be the PSK expired.

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☰ 👤 **BondleB** 9 months ago

<https://cloud.google.com/network-connectivity/docs/interconnect/how-to/macsec/troubleshoot-macsec>
D

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☰ 👤 **abdelrahman89** 9 months, 1 week ago

Selected Answer: D

Answer D

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