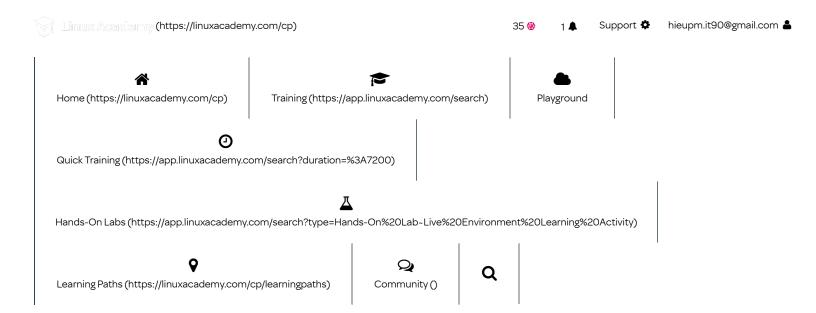
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Congratulations, you passed!

Great job on the challenge, you just earned rewards to use on more challenges.



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Report Card

| Expectations | Score |
|---|-------|
| Google Cloud Data Engineer - Data Ingest and Processing | 100 % |

Exam Breakdown

Google Cloud Data Engineer - Data Ingest and Processing

(<u>•</u>)

| 1. | What is a requirement for running preemptible workers on a Dataproc cluster? | ^ |
|----|---|-----------|
| Д | A. You can only have a maximum of a 2:1 ratio of preemptible to standard worker nodes. | |
| Е | 3. Preemptible nodes are only available on high availability master node configurations. | |
| C | C. The cluster must also have at least two standard worker nodes | ✓ Correct |
| С | 2. You must configure the startup and shutdown scripts to gracefully handle preemptible nodes being shut down. | |
| | ı 6 9 1 | |
| 2. | Which of the below options is the preferred method to connect your Dataflow pipeline to Bigtable output? | e for |
| Д | A. You cannot connect Bigtable to Dataflow. | |
| Е | 3. Publish Dataflow data to a Pub/Sub topic. Configure Bigtable to subscribe to the topic to pull data. | |
| C | C. Use Cloud Storage as a staging ground for outputting into Bigtable. | |
| С | D. Use the Cloud Dataflow connector for Bigtable. | ✓ Correct |
| | You need to correct streaming messages that arrive out of order due to latency. Which Google C service would you use to resolve this? | oud , |
| А | A. BigQuery | |
| Е | 3. Cloud Dataflow | ✓ Correct |
| C | C. Cloud Pub/Sub | |
| С | D. Cloud SQL | |
| | ı 6 9 1 | |
| 4. | Which of these open source technologies is the direct equivalent to Google BigQuery? | , |
| Д | A. Hive | ✓ Correct |
| Е | 3. Spark | |
| C | C. Hadoop | |
| С |). Pig | |
| | | |

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| A. Window | |
|--|--|
| B. ParDo | ✓ Correc |
| C. PCollection | |
| D. Transform | |
| 16 | 4 1 |
| You have a streaming Dataflow pipeline that you nee pipeline to finish and be sent to output before shutti to complete the shutdown process? | ed to shut down. You want data already in the ng down. Which shutdown option should you use |
| A. Stop | |
| B. Drain | ✓ Correc |
| C. Shutdown | |
| D. Cancel | |
| 16 | 9 1 |
| What is the open source equivalent to Cloud Pub/Su | ub? |
| | |
| A. Apache Beam | |
| A. Apache Beam B. Apache Hadoop | |
| · | |

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8. Which dataflow concept determines when the contents of a window should be submitted, based on certain conditions being met?

| A. Watermark | |
|--------------|-----------|
| B. Trigger | ✓ Correct |
| C. Condition | |
| D. Windows | |

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