

# HP

## HPE2-N69 Exam

### Using HPE AI and Machine Learning

### Questions & Answers Demo

# Version: 4.0

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## Question: 1

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You are helping a customer start to implement hyper parameter optimization (HPO) with HPE Machine learning Development Environment. An ML engineer is putting together an experiment config file with the desired Adaptive A5HA settings. The engineer asks you questions, such as how many trials will be trained on the max length and what the min length for all trials will be. What should you explain?

- A. The engineer should run the "det preview-search" command, referencing the experiment config.
- B. The engineer should access the HPE Machine Learning Development online calculator and input the mode, max\_trials, max\_length, divisor, and max\_runs.
- C. The engineer should upload the experiment config to the HPE Machine Learning Development Environment WebUI and view the graph of the experiment plan.
- D. The engineer should run a preliminary experiment with one tenth the desired number of max trials, assess the results, and then run the full experiment.

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**Answer: D**

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## Question: 2

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A customer is using fair-share scheduling for an HPE Machine Learning Development Environment resource pool. What is one way that users can obtain relatively more resource slots for their important experiments?

- A. Set the weight to a higher than default value.
- B. Set the weight to a lower than default value.
- C. Set the priority to a lower than default value.
- D. Set the priority to a higher than default value.

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**Answer: A**

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## Question: 3

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You want to set up a simple demo cluster for HPE Machine Learning Development Environment (or the open source Determined AI) on Amazon Web Services (AWS). You plan to use "det deploy" to set up the cluster. What is one prerequisite?

- A. installing the NVIDIA Container Toolkit on your local machine
- B. Manually creating the AWS EC2 instance with a PostgreSQL database

- C. Recording the name of a valid AWS EC2 keypair
- D. Adding Amazon Elastic Kubernetes Services (EKS) to your AWS account

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**Answer: A**

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### Question: 4

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A company has an HPE Machine Learning Development Environment cluster. The ML engineers store training and validation data sets in Google Cloud Storage (GCS). What is an advantage of streaming the data during a trial, as opposed to downloading the data?

- A. Streaming requires just one bucket, while downloading requires many.
- B. The trial can more quickly start up and begin training the model.
- C. The trial can better separate training and validation data.
- D. Setting up streaming is easier than setting up downloading.

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**Answer: C**

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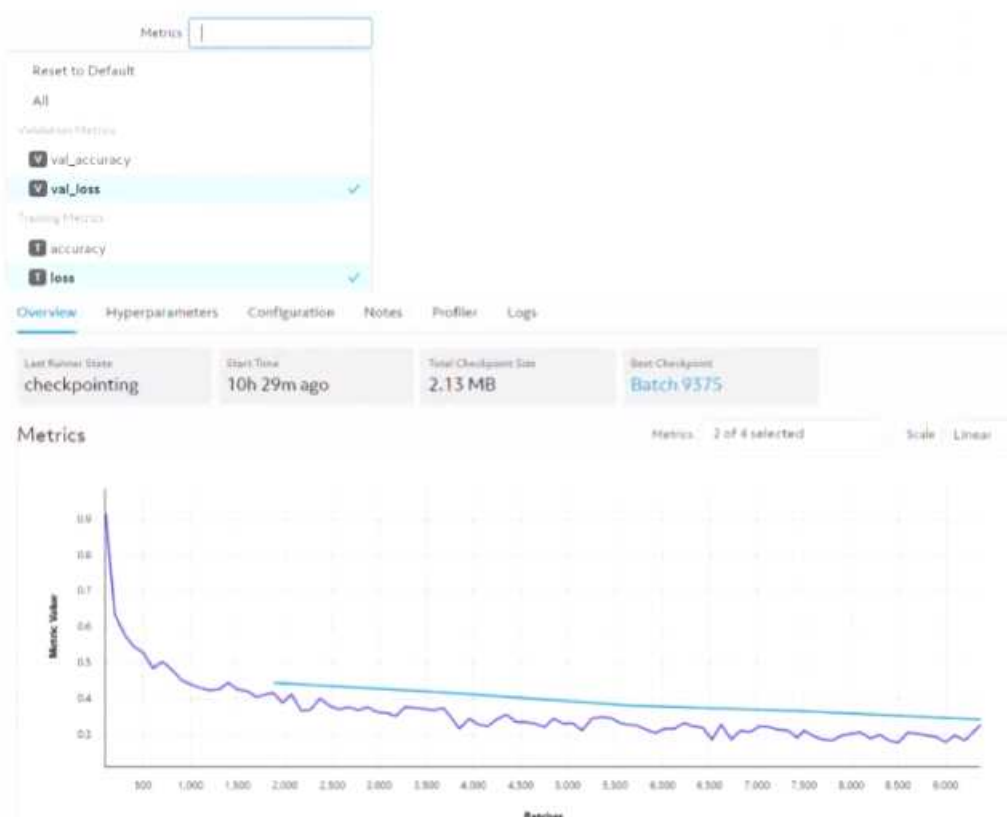


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### Question: 5

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Refer to the exhibit.



You are demonstrating HPE Machine Learning Development Environment, and you show details about an experiment, as shown in the exhibits. The customer asks about what "validation loss" means. What

should you respond?

- A. Validation refers to testing how well the current model performs on new data; file lower the loss the better the performance.
- B. Validation refers to an assessment of how efficient the model code is; the lower the loss the lower the demand on GPU memory resources.
- C. Validation loss refers to the loss detected during the backward pass of training, while training loss refers to loss during the forward pass.
- D. Validation loss is metadata that indicates how many updates were lost between the conductor and agents.

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**Answer: C**

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