

QuickStart Manual – Knowledge Gap Diagnosis Tool

Here's your quick guide to getting started.

THE MAIN PAGE

The screenshot shows the main page of the Knowledge Gap Diagnosis tool. At the top left is the Packt logo. At the top right, there is a user profile icon labeled 'Packt' with a dropdown arrow and a notification badge with the number '1'. The main content area features a background image of a laptop. On the left side of this area, the text reads 'Knowledge Gap Diagnosis' followed by 'AWS Certified Solutions Architect Associate SAA-C02'. On the right side, there is a white box with the text 'Domains 1 to 4' and an orange 'Begin Assessment' button. Below this, there are three sections of text: 'Prepare Smarter. Prepare Better.' with a brief description of the tool's purpose; 'Four Domains. Just like the actual exam' with a note about the format; and 'How long does it take?' and 'Who is this tool for?' with details about the number of questions and the target audience. A 'No Time Limit' box is also present, stating 'Work at your own pace. Use the timer to discover the types of questions that slow you down.'

1. Click this dropdown to access your past scores (My Account) and to log out. If you haven't attempted a single test, the account history section will be empty.
2. Clicking the **Begin Assessment** button starts the quiz. Note that quitting the quiz midway (without attempting all the 100 questions) will not save the scores. You can keep the window open and pause the timer to make sure your scores are not lost.

THE REPORT PAGE

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Question 1 of 100

A bank has switched from on-premise to AWS cloud. It has its application servers in a public subnet, and database servers in the private subnet of a default VPC. The database servers need regular maintenance, and for that, patch fixes must be downloaded from the internet. Considering the high security regulations that the bank must maintain even for outbound IPv4 traffic, the bank IT team is looking for a service that can be used as a bastion server and be associated with security groups to control outbound IPv4 traffic. Which of the following is the correct solution here?

Time spent on question:
00:00:04

Total time elapsed:
00:00:04 2

4 3

5 Report issue 6 Suggest Improvement

A) Configure the NAT Gateway in the public subnet of the VPC and add a route to the NAT Gateway from the private subnet route table.

B) Add a route to the Internet Gateway of the VPC from the private subnet route table.

C) Configure an NAT Instance in the public subnet of the VPC and add a route to an NAT Instance from a private subnet route table.

D) Add a route to an Egress only Internet Gateway of the VPC from the private subnet route table.

Next 3

1. You can click your profile icon to logout. Note that your scores won't be saved if you don't complete the quiz. You can pause the timer and keep the window open if you need to take a quick break. Also, your score history is not accessible while you are attempting a quiz.
2. The timer helps you track how long you spend on each question. You can pause it by clicking the pause button.
3. Don't know the answer to a question? Use this button to skip questions. That way, when the report is generated, you'll be able to see the correct answer and a detailed explanation for it.
4. Use the **Next** button to move to the next question.
5. You can use this button to highlight any issues with the question or the website.
6. You can use this button to suggest any ideas for improving our website.

THE RESULTS PAGE

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Your Exam Readiness Report

Domain 1: Design Cost-Optimized Architectures
Domain 2: Design High-Performing Architectures
Domain 3: Design Resilient Architectures
Domain 4: Design Secure Applications and Architectures

Correct answers
24/100

24%

Time Spent
00:02:51 min

Reset your score

- Re-attempt the quiz
- Measure your progress
- Practice till perfection

2 [Reset Score](#)

You were tested on the following domains:

Design Resilient Architectures	Domain	Design High-Performing Architectures	Domain
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1. Click your profile icon to log out or access your past scores.
2. Click this button to re-attempt the quiz. Every time you reset your score, your domain-wise scores (without the detailed explanations) get saved to your account history. Once you reset your score, you'll be redirected to the main page from where you can re-attempt the quiz.