

PRACTICE QUESTIONS

Microsoft

AB-100

Agentic AI Business Solutions Architect Expert

SHARED BY [u/crispkettle1980](#) on aiexamcerts

EDITION	Free Set 1
QUESTIONS	10
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EXAM	Microsoft AB-100, Agentic AI Business Solutions Architect Expert

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10 practice questions for the Microsoft AB-100 exam, Agentic AI Business Solutions Architect Expert, each followed by its answer and a short explanation. More free sets and the full practice exam:

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1. Which Microsoft product is the low-code environment for building and publishing agents that combine topics, actions and knowledge sources?

- A Microsoft Teams Rooms
- B Microsoft Intune
- C Microsoft Copilot Studio
- D Microsoft Purview

Answer: C

Copilot Studio is the Microsoft low-code environment for creating and publishing agents from topics, actions and knowledge sources. Teams Rooms, Intune and Purview are real Microsoft products used alongside agents, covering meeting room devices, device management and data governance. None of them builds agents, which makes them tempting only by association.

2. A measurable target for whether the agent completed the task the user asked for is called a task _____.

Answer: completion (also accepted: success, completion rate, success rate)

Task completion measures whether the agent resolved the user's request end to end, which is more useful than counting messages or sessions. Containment is tempting because it is also an outcome measure, but it counts conversations that avoided a human rather than tasks completed correctly. Response time measures speed, not success.

3. Which Power Platform component is the managed relational data store that agents commonly read and write business records through?

- A An Azure Blob Storage container
- B A local SQLite file on a developer's laptop
- C An Excel workbook kept in a personal OneDrive folder
- D Microsoft Dataverse

Answer: D

Dataverse is the data platform of Power Platform, providing structured tables with security roles that agents can reach through connectors and actions. Blob storage and local files hold unstructured or temporary content without a business-record model. A personal workbook is tempting for simplicity, but it lacks shared security and auditability.

4. Agents that act on their own should have a distinct identity in the directory, so that their actions can be governed and audited separately from human users.
- A True
 - B False

Answer: A (True)

A distinct agent identity lets administrators assign least-privilege permissions and review sign-ins and actions separately from people. Sharing a human user's identity is tempting because it works immediately, but it blurs accountability for what the agent did. The statement is true.

5. Which two controls help protect an agent that uses external tools from prompt injection through untrusted content? (Choose two.)
- A Treating retrieved or user content as data, not as instructions that can change tool permissions
 - B Connecting every available connector so the agent has fewer blocked calls
 - C Requiring confirmation before sensitive tool calls
 - D Disabling all logging so that attackers leave no trace
 - E Sharing one service account across all agents

Answer: A, C

Separating untrusted content from instructions and requiring confirmation before sensitive tool calls limit what injected text can make the agent do. Connecting every connector is tempting because it reduces failed calls, but it widens what a hijacked agent can reach. Disabling logging and sharing one account both remove the evidence and the isolation needed to contain an attack.

6. Which agent pattern is best when requests vary widely and the agent must decide the sequence of tool calls at runtime?
- A Generative orchestration that chooses actions from their descriptions
 - B A fixed decision tree with hardcoded menu options
 - C A single static FAQ page that lists the answers to the most common requests
 - D A nightly batch job that processes all open cases

Answer: A

Generative orchestration lets the agent select tools and knowledge sources from their descriptions and plan the sequence for each request, which suits open-ended work. A fixed menu is tempting because it is predictable and easy to test, but it cannot handle requests the tree did not anticipate. Static FAQ pages and nightly batch jobs make no runtime decisions at all.

7. Which pair of metrics best shows whether an agent is creating value in a service process?

- A Resolution rate and escalation rate to human agents
- B Number of pages in the knowledge base and number of topics
- C Number of developers and number of meetings held
- D Monthly license count and office location

Answer: A

Resolution rate shows how often requests are handled without a human, and escalation rate shows where the agent hands off, which together describe both value and limits. Knowledge base size and topic counts are inputs rather than outcomes, which makes them tempting but misleading. Developer counts and license figures describe the project rather than the service result.

8. A pattern in which an agent reviews and corrects its own draft before returning it to the user is often called a _____ loop.

Answer: reflection (also accepted: self-correction, self-critique, self correction)

A reflection loop has the agent critique and revise its draft, which can improve quality but adds latency and cost. A feedback loop with a human reviewer is tempting as a quality mechanism, but it involves a person rather than the agent reviewing itself. A retry loop repeats a failed call rather than improving the output.

9. Which open protocol lets an AI client discover and call tools, resources and prompts exposed by an external server in a standard way?

- A SMTP
- B LDAP
- C Model Context Protocol
- D SNMP

Answer: C

Model Context Protocol is an open standard that lets clients discover and invoke tools, resources and prompts from MCP servers, which reduces custom integration work. SMTP and SNMP are real protocols that handle mail transfer and network management, so they are tempting as network-facing options. LDAP is a directory access protocol rather than a standard for agent tools.

10. After an agent is published, the team notices rising escalations on one topic. What should it do first?
- A Disable the topic immediately without reviewing transcripts, so the cause of the escalations stays unknown
 - B Review sampled transcripts to find the failure pattern, then update the topic or its knowledge
 - C Add more topics so the problem is diluted
 - D Remove the analytics dashboard

Answer: B

Transcript review shows whether the cause is missing knowledge, a misunderstood intent or a broken action, so the fix targets the real failure. Disabling the topic is tempting because it stops visible damage, but it may remove a needed capability without a diagnosis. Adding topics or removing analytics does not address the cause.