

# Esri

## EPYA\_2024

### ArcGIS API for Python Associate 2024

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# Latest Version: 6.0

## Question: 1

Which two are essential tools or concepts for managing content in an ArcGIS organization, as accessible through the ArcGIS API for Python?  
(Select two)

- A. The Item object for individual content pieces.
- B. The UserManager for user-specific content.
- C. The Group object for organized content sharing.
- D. The NetworkDataset for content analysis.

**Answer: A,C**

## Question: 2

What is the primary method to save changes made to a WebMap object back to the ArcGIS Online or ArcGIS Enterprise portal?

- A. webmap.save()
- B. webmap.update\_item()
- C. webmap.publish()
- D. gis.content.update\_webmap(webmap)

**Answer: A**

## Question: 3

When conducting a trace analysis on a utility network, which module would you primarily utilize?

- A. arcgis.features
- B. arcgis.geoenrichment
- C. arcgis.network
- D. arcgis.raster

**Answer: C**

## Question: 4

Why is it important to define a spatial reference for a Spatially Enabled DataFrame when performing spatial analysis?

- A. It determines the symbology of the DataFrame when visualized.
- B. It ensures correct geometric calculations and alignment with other spatial data.
- C. It specifies the default pop-up configuration for the data.
- D. It controls who can access and modify the DataFrame.

**Answer: B**

### Question: 5

When you want to save an interactive map as a static HTML file for sharing outside a Jupyter Notebook, which method of the Map widget would you use?

- A. `map_widget.to_html()`
- B. `map_widget.html()`
- C. `map_widget.save_as_html()`
- D. `map_widget.export_to_html()`

**Answer: D**

### Question: 6

How can an administrator programmatically invite new users to an ArcGIS Enterprise portal without immediate access, allowing them to complete their profile later?

- A. `gis.users.create(username='newuser', password='password123', email='test@example.com')`
- B. `gis.users.invite(username='newuser', email='test@example.com')`
- C. `gis.users.send_invitation(username='newuser')`
- D. `gis.users.add_pending(username='newuser', email='test@example.com')`

**Answer: B**

### Question: 7

How would you obtain a specific Item object in the ArcGIS API for Python if you know its unique item ID?

- A. `Item.from_id('item_id')`
- B. `gis.content.search(query=item_id)`
- C. `gis.items.fetch('item_id')`

D. `gis.content.get('item_id')`

**Answer: D**

### Question: 8

Why is the GeoAccessor not available on a standard pandas DataFrame until it is spatially enabled?

- A. It requires specific spatial reference information to function.
- B. It needs a designated geometry column to perform spatial operations.
- C. It relies on a connection to an Esri GIS to activate.
- D. It's an optional module that must be imported separately.

**Answer: B**

### Question: 9

What is the recommended way to delete an item (e.g., a web map or feature layer) from an ArcGIS Online organization using the ArcGIS API for Python?

- A. `item.delete()`
- B. `gis.content.delete_item(item_id)`
- C. `gis.admin.remove_item(item)`
- D. `del item`

**Answer: A**

### Question: 10

Which argument in `gis.map()` allows you to create a 3D scene viewer instead of a 2D map viewer?

- A. `is_3d=True`
- B. `view_type='scene'`
- C. `mode='3D'`
- D. `scene=True`

**Answer: C**

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