Palo Alto Network Certified Security Automation Engineer

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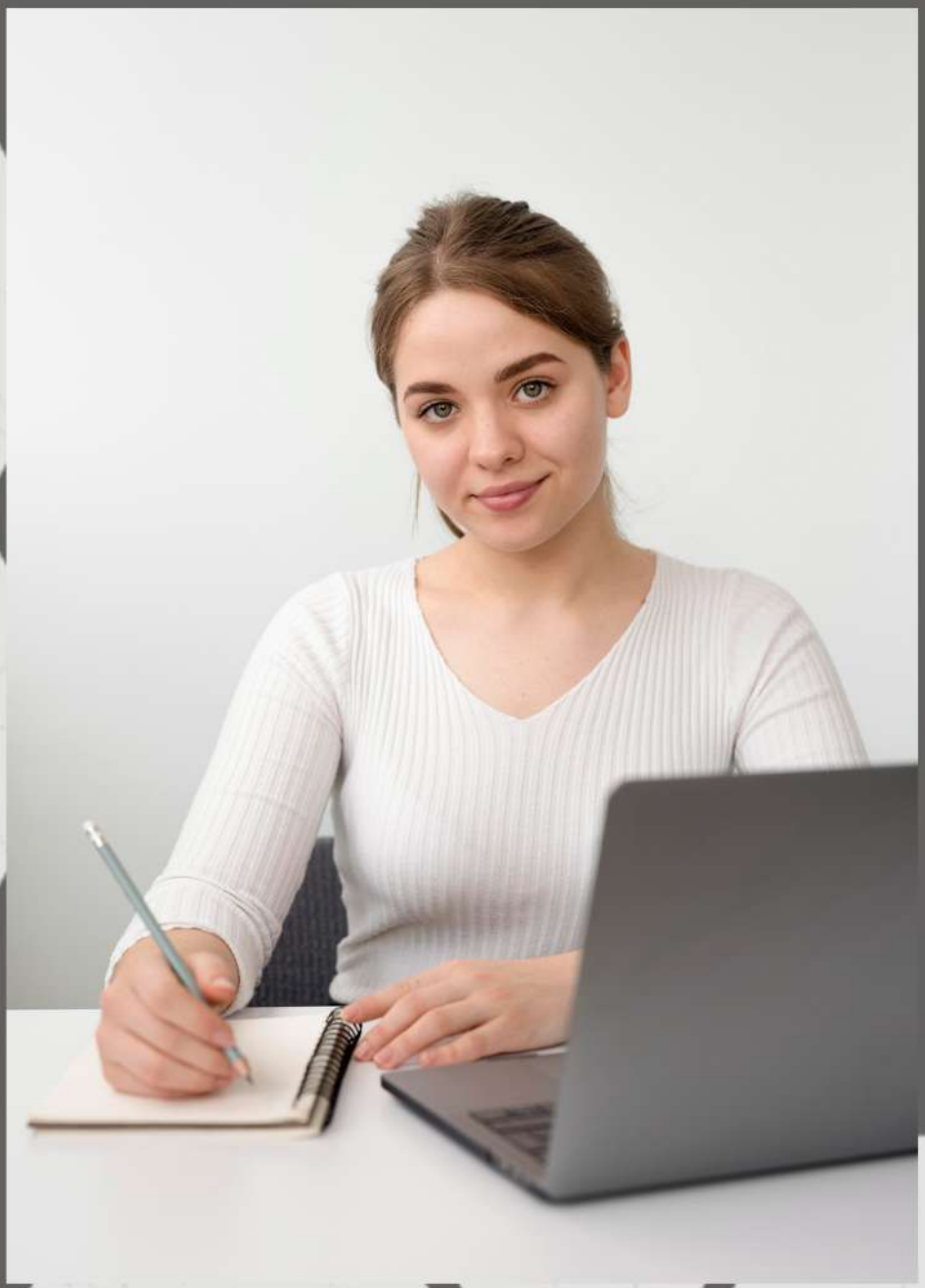

Online Course

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Course Modules

1.Playbook Development

- Ref & manipulate context data to manage automation workflow
- Summarize inputs, outputs, and results for playbook tasks
- Configure inputs and outputs for subplaybook tasks
- Enable and configure looping on a subplaybook
- Differentiate among playbook task types
  - Manual
  - Automated
  - Conditional
  - Data collection
  - Sub playbook
- Apply filters and transformers to manipulate data
- Apply the playbook debugger to aid in developing playbooks

2.Incident Objects

- Configure incident types
- Identify the role of an incident type within the incident lifecycle
- Configure an incident layout
  - Fields and buttons
  - New/Edit and Close Forms
  - Summarize the functn, capabilities, & purpose of incident fields
- Configure classifiers and mappers

3.Automations, Integrations, and Related Concepts

- Define the capabilities of automation across XSOAR functions
  - Playbook tasks
  - War room
  - Layouts (dynamic sections, buttons)
  - Jobs
  - Field trigger scripts
  - Pre/post-processing
- Differentiate between automations, commands, and scripts
- Interpret and modify automation scripts
- Script helper
- Script settings
- Language types
- Script text
- Configure and manage integration instances

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4.Content Management and Solution Architecture

- Apply marketplace concepts for the management of content
  - Searching in marketplace
  - Installation and updates
  - Dependencies
  - Version history
  - Partner supported versus XSOAR supported
  - Submitting content to the marketplace
- Apply general content customization and management concepts
  - Custom versus system content
  - Duplicating content
  - Importing/exporting custom content
  - Version control
- Manage local changes in a remote repository (dev-prod) Config
- Describe the components of the XSOAR system architecture
  - System hardware requirements
  - Remote repositories (dev-prod)
  - Engines
  - Multitenancy
  - Elasticsearch/HA
  - Docker

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- Describe the incident lifecycle within XSOAR
- Define the capabilities of RBAC
  - Page access
  - Integration permissions
  - Incident tabs (layout specification)
  - Automation permissions
  - Incident viewing permissions by role
- Identify the tshooting tools available to obtain more diagnostic
  - Log bundles
  - Integration testing
- Identify options available for performance tuning
  - Ignore output
  - Quiet mode
  - Monitor system health using the System Diagnostics page

5.UI Workflow, Dashboards, and Reports

- Identify methods for querying data
  - Indicators
  - Incidents
  - Dashboards
  - Global search
- Summarize the workflow elements used during an investigation
  - Layouts
  - War Room
  - Work Plan
  - Evidence Board
  - Actions menu
- Interact with layouts for incident management
  - Sections
  - Fields
  - Buttons
- Summarize tools used for managing incidents
  - Bulk incident actions
  - Table view versus summary view
  - Table settings
- Identify the capabilities of existing dashboards and reports
- Summarize what information can be created, edited,
- Summarize the capabilities of widget builder

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