

Week 4: Further Topics

Unit 4a: Latest Updates





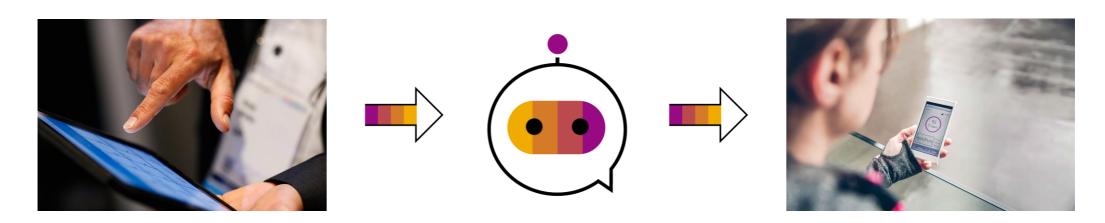
API triggers and notifiers

Triggers provide the means of starting a bot execution from different channels



Notifiers provide the means of communicating the bot execution state through different channels

API triggers and notifiers provide the connection to SAP Intelligent RPA via Web API channel

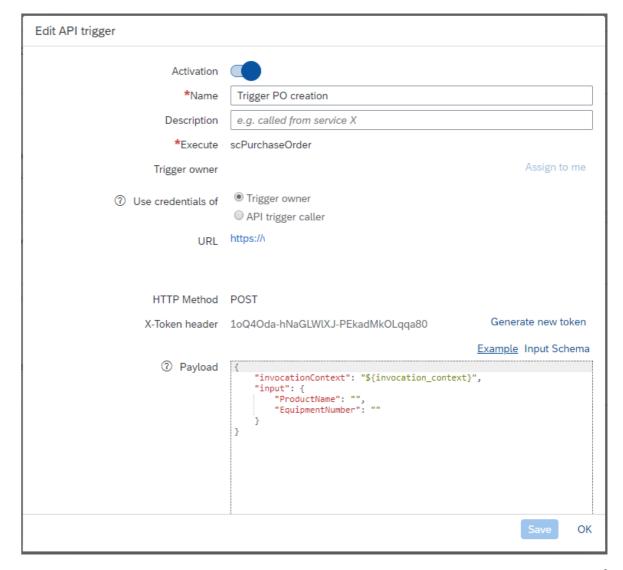


Start RPA bot from your application

Receive notifications to your application

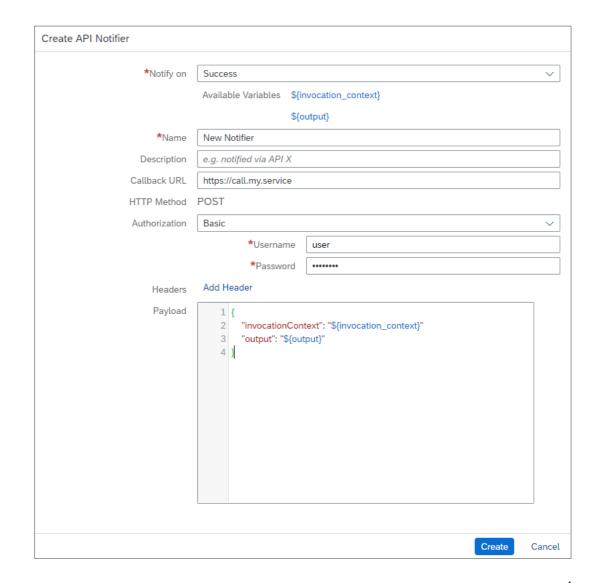
API triggers and notifiers – API trigger

- Are attached to a particular scenario in a deployment
 - Can be added, modified, or removed at any time
- Provide a dedicated API endpoint protected by API key
- Provides input for a bot execution
 - Defined by scenario input schema
- Can provide invocation context for call correlation
 - Invocation context is available in notifiers

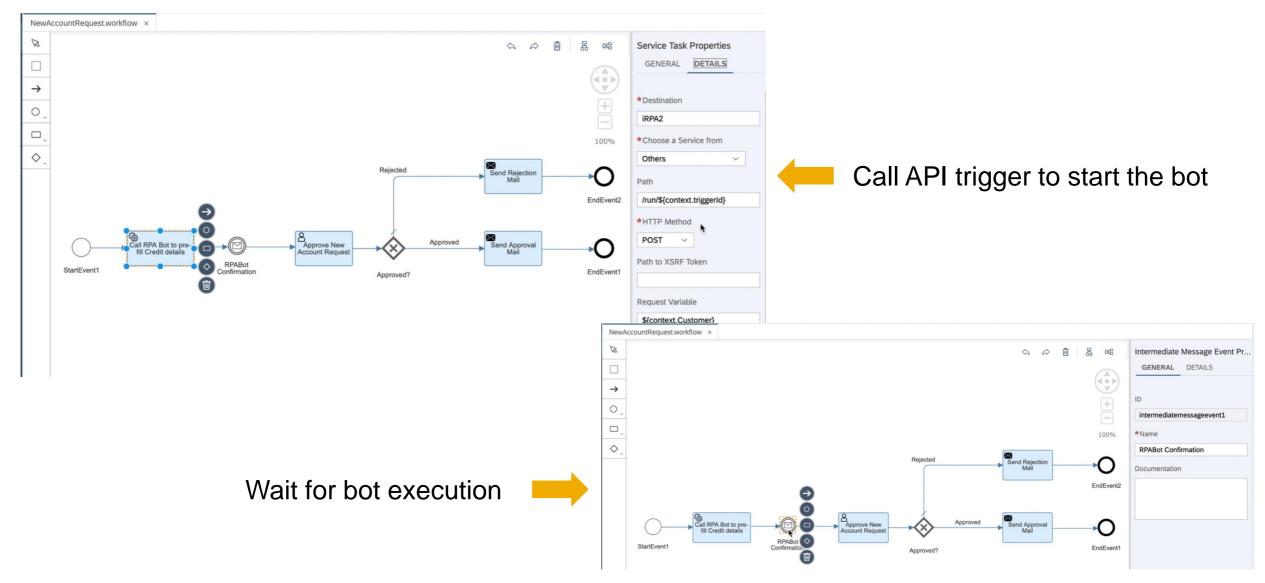


API triggers and notifiers – **API** notifier

- Are attached to a trigger
 - Can be added, modified, or removed at any time
- React on an activation event
 - Start/Success/Failure/Cancel
 - Different variables are available for different events
- Contain a REST call configuration
 - Callback URL
 - HTTP method
 - Authorization
 - Headers
 - Payload
 - Custom JSON structure
 - Use \${invocation_context} sent with API trigger
 - Use other variables available for the notifier event

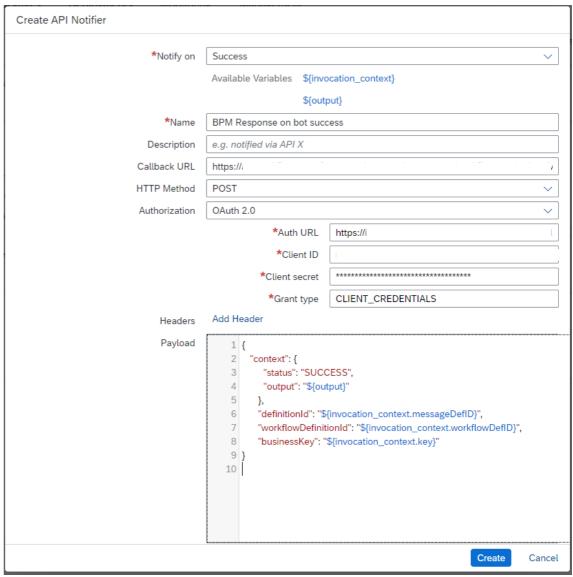


API triggers and notifiers – BPM integration: Workflow definition

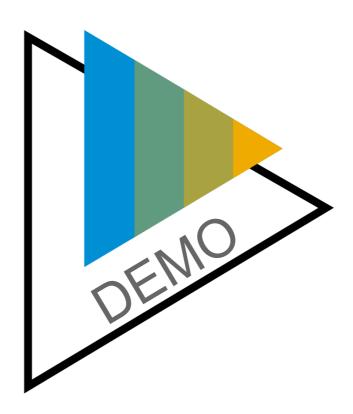


API triggers and notifiers – BPM integration

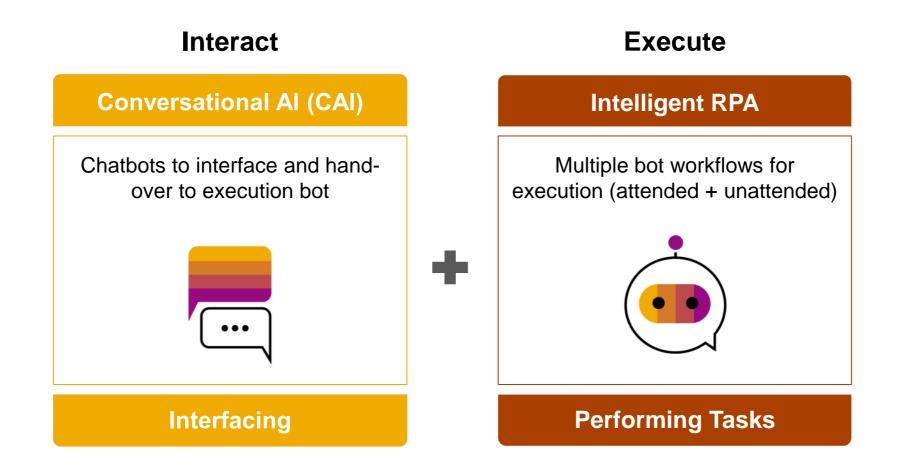
- 1. Define an API trigger to open an endpoint
- 2. Define an API notifier with the required BPM configuration
 - Callback URL of your workflow service
 - Payload structure expected by BPM references invocation context
 - Authentication



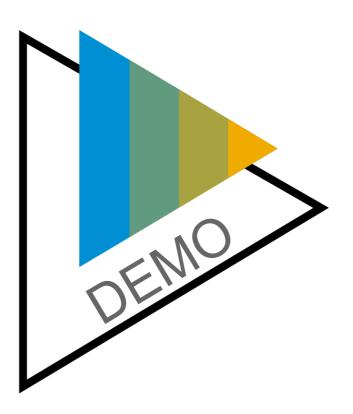
Demo API trigger and notifier definition



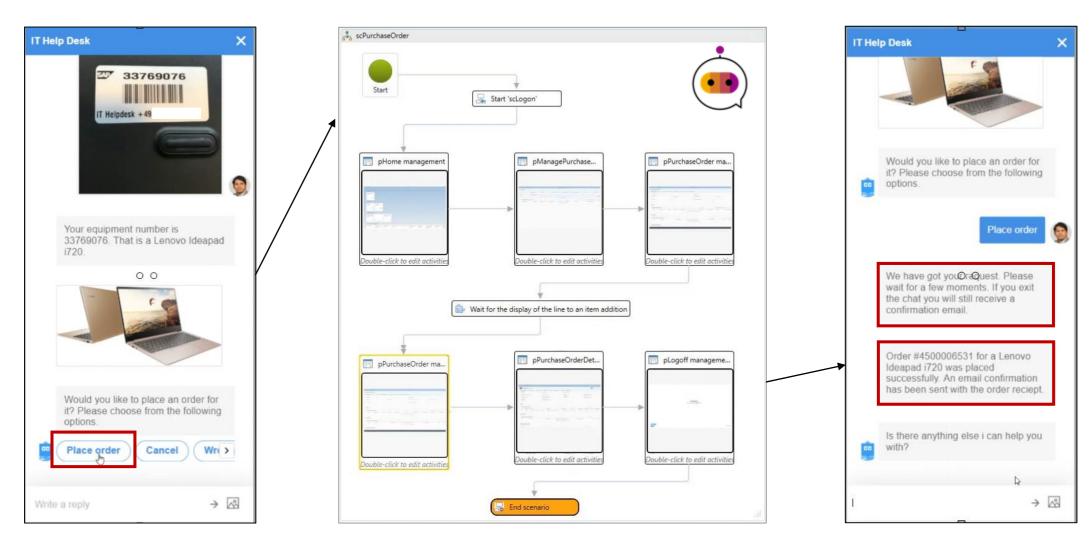
Integration with SAP Conversational AI



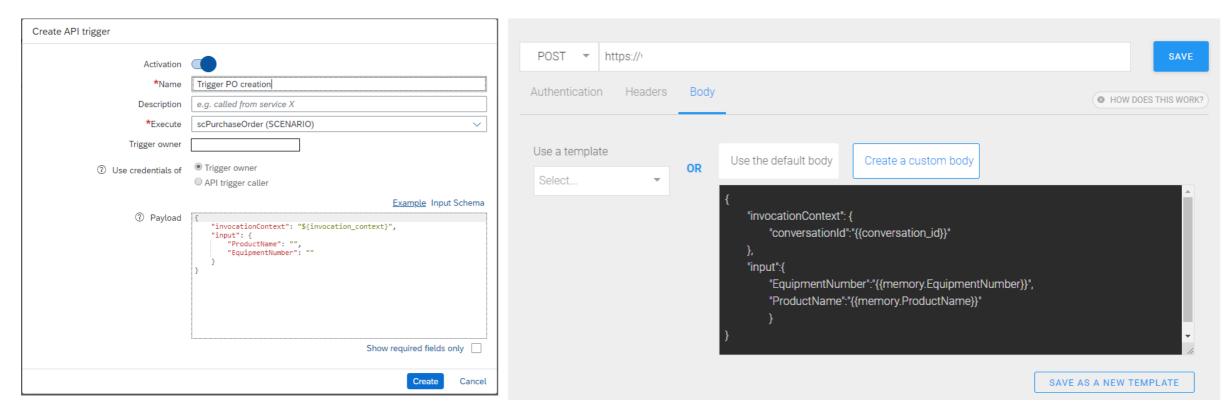
Demo ChatBot in action



Conversational AI integration: Trigger an Intelligent RPA bot and receive feedback



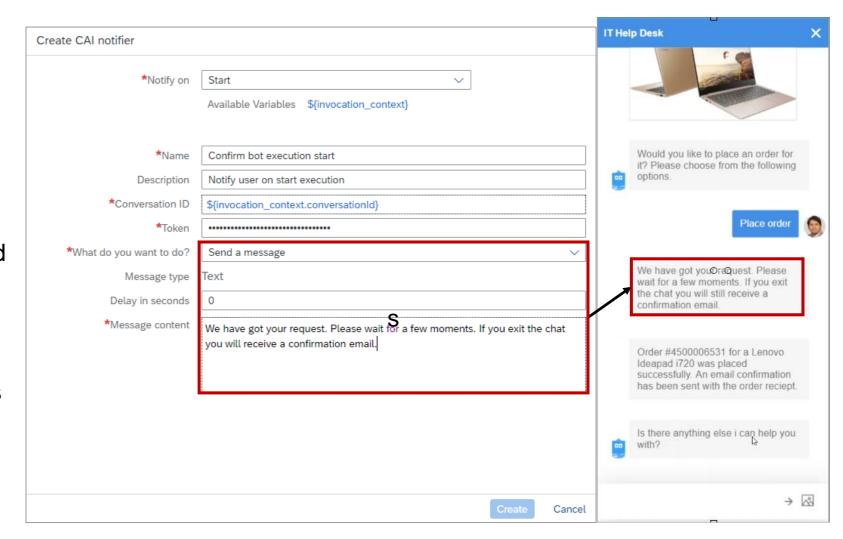
Conversational AI integration: API trigger – Open an Intelligent RPA bot endpoint



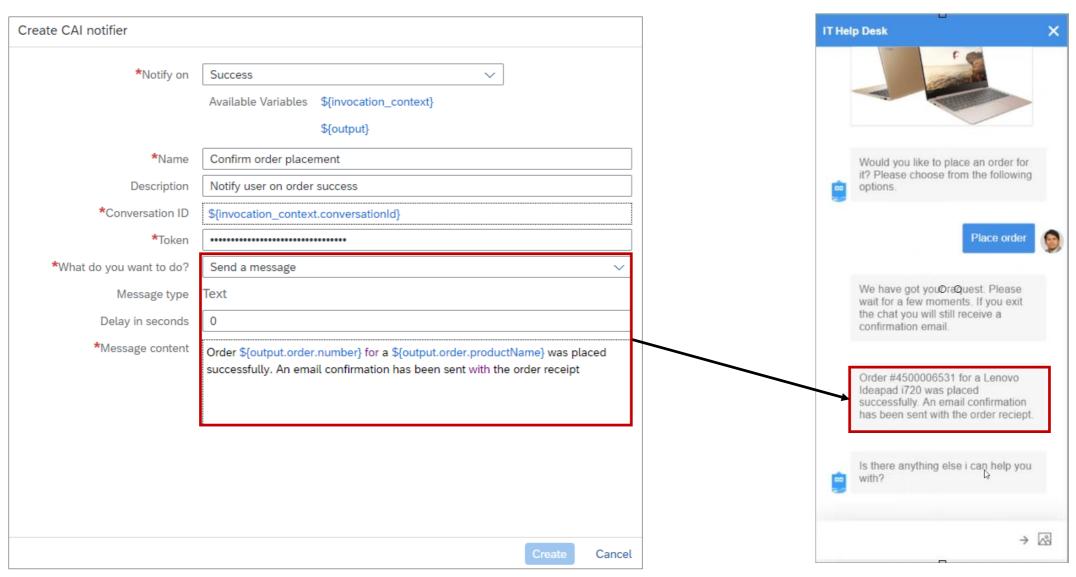
- Collect data from chat bot and pass it as RPA bot input
 - ProductName, EquipmentNumber
- Invocation context provides information for conversation correlation

Conversational AI integration: Conversational AI notifier

- Choose a notifier activation event
 - Success/Start/Failure/Cancel
- Configure notifier
 - Conversation ID
 - Chatbot authorization token
- Select an action to be performed
 - Send a text message to conversation
 - Modify conversation state
- Configure the action parameters
 - Message to be sent
 - Memory and language to be updated



Conversational AI integration: CAI notifier – Success notifier



Thank you.

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