



AWS Lambda Package

Readme

Version 1.0.3

17/08/2020

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1. Introduction

This document contains all essential information for the user to make full use of this A2019 **AWS Lambda package**. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the **AWS Lambda Package**.

1.1 Overview

With the package actions you can build bots that launch AWS lambda functions

1.2 Use cases

The key use cases include:

- Launch an AWS Lambda function written in any supported language like Python, Java, Node.js, .NET Core or Ruby
- Make functions available across different bots
- Separate function code from Bot logic in a FaaS environment

2. Requirements & Prerequisites

2.1 System Requirements

- Enterprise A2019.12+
- An AWS account

2.2 Prerequisites

- Access and secret key that allows to access AWS Lambda services

3. Getting Started

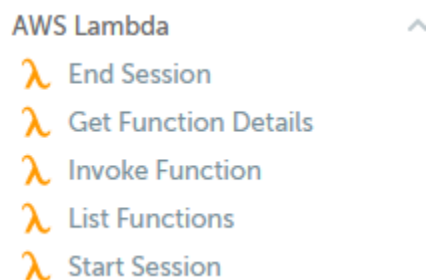
3.1 Quick Start

3.1.1 Setup

Import the A2019 AWS Lambda Package in the Control Room under Bots->Packages

3.1.2 Configuration and Use

The package contains the following command actions



General rules

- Some actions allow to pass data as a JSON string. In this case a dictionary entry with the key “payload” and a JSON string should be provided, all other entries will be ignored

Name	Description	Parameter
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Start Session	Start Lambda session	Session Name	Current session
		Region	AWS region
		Access key	AWS access key
		Secret key	AWS secret key
Invoke Function	Invokes a Lambda function	Session Name	Current session
		Function Name	Name of the Lambda Function
		Input for the Lambda function	Each entry represents an input attribute. If an entry with the key 'payload' and a JSON value exists, it is used as the payload and all other entries are ignored
		Result	Result of the function as a dictionary
List Functions	List all accessible functions	Session Name	Current session
		Functions	List of function names
Get Function Details	Get AWS Lambda function details	Session Name	Current session
		Function Name	Name of the Lambda function
		Details	Function details like runtime, code size and memory size as a dictionary. Size values in MBytes.
End Session	End a Lambda session	Session Name	Current session

4. Support & FAQs

4.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on [APeople](#) – the [Bot Building Forum](#), the [Bot Store Support Forum](#), or the [Developers Everywhere Group](#).
- Automation Anywhere also provides a [Product Documentation portal](#) which can be accessed for more information about our products and guidance on [Enterprise A2019](#).

4.2 FAQs

You find more information about AWS Lambda here

<https://aws.amazon.com/lambda/>

<https://aws.amazon.com/lambda/getting-started/>

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).

Appendix A: Record of Changes

Instructions: Provide information on the version number, the date of the version, the author/owner of the version, and a brief description of the reason for creating the revised version.

No.	Version Number	Date of Change	Author	Notes
1	1.0.2	24/05/2020	Stefan Karsten	Initial version
2	1.0.3	17/8/2020	Stefan Karsten	Fixing Session Action

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click here
2	Guidance: Building basic A2019 bots	Click here
3	Guidance: Building A2019 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here