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Credential Utilities

Readme

Version 3.0.1

05/10/2023

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1.   Introduction

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

1.1   Overview

This package provides a set of utility functions to enhance the management of credentials in Automation Anywhere. It allows you to generate random passwords with specific rules, retrieve credentials dynamically, list credential attributes, and update credential values across control rooms. With this package, you can automate the generation and management of credentials, making your bots more robust and secure.

1.2   Use cases

The key use cases include:

- **Generate Secure Passwords**: It enables you to generate psuedo random credential variables following specific ruleset of desired application, ensuring the security of your credentials.
- **Dynamic Credential Retrieval**: You can retrieve credentials at runtime, allowing you to decide which credential and attribute to use during bot execution, rather than selecting them during development.
- **List Credential Attributes**: The package provides the ability to list all available credential attributes dynamically, making your bots more versatile.
- **Update Credential Values**: With this package, you can update credential values, a functionality not possible through standard Automation Anywhere packages.

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2.   Requirements & Prerequisites

2.1   System Requirements

Enterprise A2019 (Cloud deployed) and Community Edition device requirements.
Review the machine hardware specifications, operating system versions, and browser types supported by Automation Anywhere Enterprise for creating and running bots and command packages as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

2.2   Prerequisites

No specific prerequisites.

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3. Getting Started

3.1 Quick Start

3.1.1 Setup

- Install the package from Bot Store into your Control Room
- Enable the package named "Credential Utilities" and set latest version as default
- Navigate to Bot Store\CredentialUtilities-BotDev to run and examine the Credential Utilites package demo. Note: You need to provide credential and attribute name for valid for your control room.

3.1.2 Configuration and Use

Every action has corresponding documentation page linked and can be accessed from control room by clicking document icon.

Generate Random Password: Generates a random password based on specified criteria.

Credential To Text: Retrieves a secure credential and returns it as a string value.

Get Credential: Retrieves a secure credential attribute based on the provided parameters and authentication settings.

Get Credential Attributes: Retrieves attributes of a credential based on the provided parameters and authentication settings.

Get Token: Retrieves an authentication token based on the provided parameters and authentication settings.

Update Credential: Updates a secure attribute value for a given credential based on the provided parameters and authentication settings.

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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

N/A

For questions relating to Enterprise A2019: See the Enterprise A2019 FAQs.

Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1	*3.0.1*	*5/10/2023*	*Sumit Kumar*	*Initial public version*

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