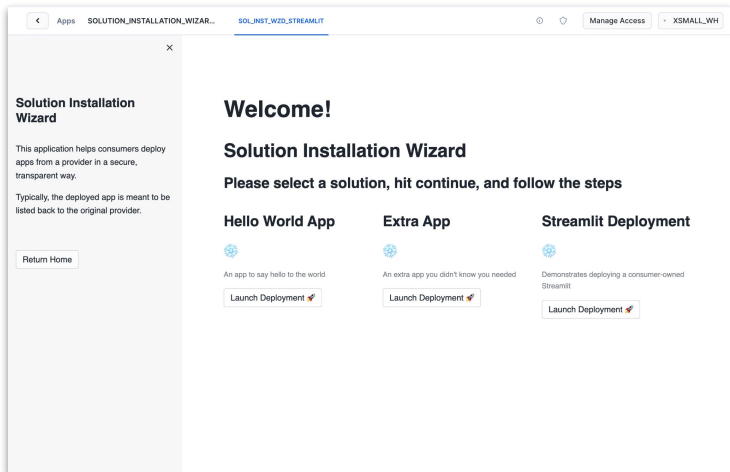# Solution Brief
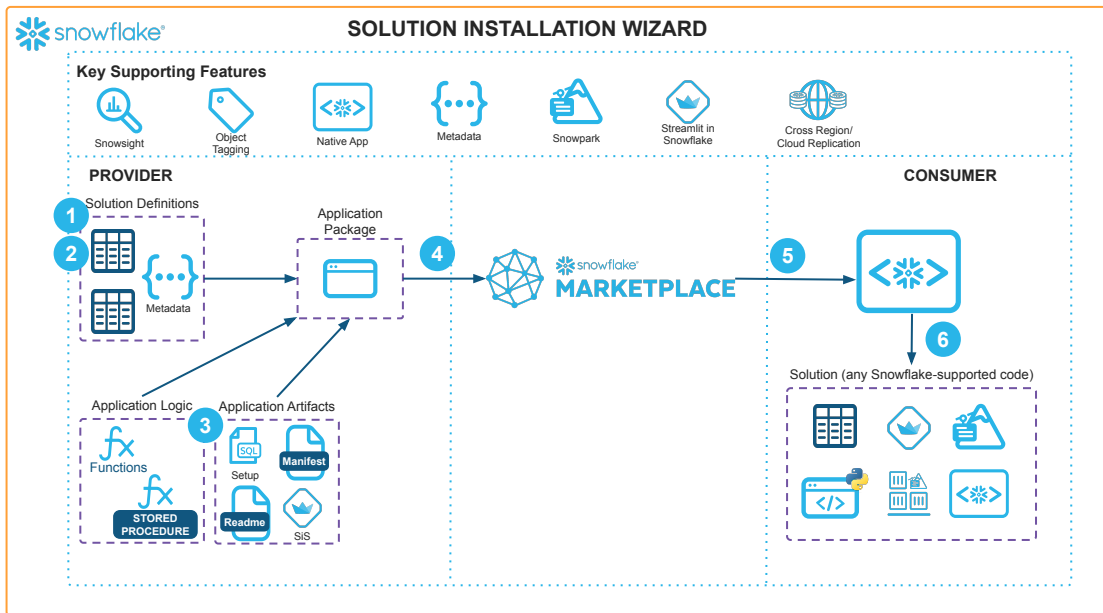## Solution Installation Wizard

Solution Overview

The Solution Installation Wizard facilitates the deployment of packaged code (e.g. Native Apps, Streamlit UIs, and more) securely and safely into consumers' Snowflake environments. It can be deployed in the Snowflake Marketplace for any consumer to install and leverage. It helps facilitate providing code artifacts that are meant to be "owned" by the consumer.

Solution Benefits

- Provides a self-service method for deploying code from a provider
- Prevents any need for outside delivery of code, such as emailed scripts
- The solution code is scanned by Snowflake's Security Scanner, providing additional assurance for the consumer
- Provides various deployment options and automations, such as consumer placeholders for object names
- Provides a method to distribute more capabilities while minimizing the amount of permissions the provider needs

Reference Architecture

SOLUTION INSTALLATION WIZARD

Key Supporting Features
- Snowsight
- Object Tagging
- Native App
- Metadata
- Snowpark
- Streamlit in Snowflake
- Cross Region/ Cloud Replication

PROVIDER

1 2 Solution Definitions
Metadata

Application Package

3 Application Logic — Functions, STORED PROCEDURE
Application Artifacts — SQL Setup, Manifest, Readme, SiS

4

MARKETPLACE

5

CONSUMER

6

Solution (any Snowflake-supported code)

Use-Case Flow

1 Prepare Solution Definitions (scripts, artifacts)

2 Define Script Placeholders (if relevant)

3 Customize Any Native App Artifacts (name, readme)

4 List Native App on Marketplace or Private Listing

5 Consumer Installs Native App

6 Consumer Uses App to Install Included Solution(s)

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