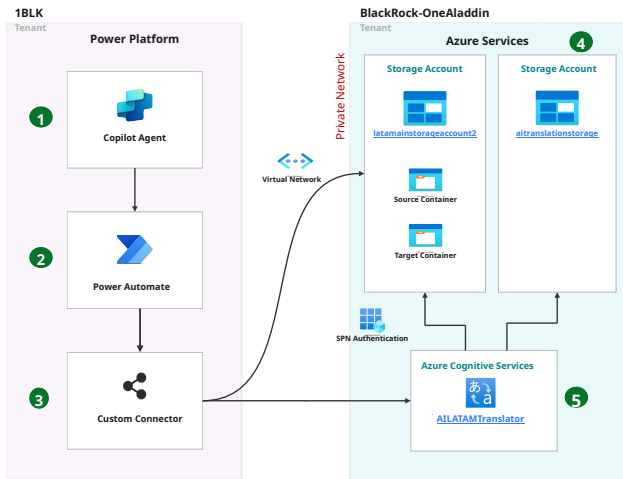


# Document Translation Architecture



- 1. Copilot Agent** - Provides AI driven interactions for end users
  - The user interacts with the Copilot Agent and uploads the document to be translated.
  - The Agent forwards the request to Power Automate Flow
- 2. Power Automate Flow** - Acts as a middleware between Copilot Agent and Azure Services
  - Uses Custom Connectors to interact with Azure Services
- 3. Custom Connector** - Enables secure API-based communication
  - Facilitates calls to Azure Services within the private network
- 4. Storage Accounts:**
  - [latamainstorageaccount2](#) - Temporary Storage to translate documents:
    - Source Container** - Holds the original uploaded documents
    - Target Container** - Stores the translated documents
  - [aitranslationstorage](#) - Static storage to hold glossaries
- 5. Azure AI Document Translator - [AILATAMTranslator](#)**
  - Custom connector invokes translator service, providing the document from Azure Blob and specifying the target language.
  - The service performs the document translation and stores the translated file in target container

Once the translation is complete, Power Automate Flow retrieves the translated document and shares it with the Copilot Agent.

## Security Considerations:

- Authentication via Azure AD Service Principal (SPN) and OAuth access tokens
- Azure Services are in private network not directly accessible from Power Platform.

### Options:

- Virtual Network Integration - Enable VNet for Power Platform access.
- Firewall Rules - Configure the firewall rules to allow access from specific IP ranges used by Power Platform. (<https://www.microsoft.com/en-us/download/details.aspx?id=56519>)