Azure DevOps Integration – Manual Sync of User Story

# 🔒 Authorization

Named Credential: This is dynamically read from the related Copado Project object:

usItem.copado\_\_Project\_\_r.Copado\_Integration\_Setting\_\_r.Named\_Credential\_\_c

Each User Story (copado\_\_User\_Story\_\_c) must have:

* - A related Project (copado\_\_Project\_\_c)
* - An External System setting
* - An External\_Id\_\_c (for syncing with Azure)

# 🔹 A. Manual Sync User Story Callout

Purpose: Syncs a User Story from Copado to Azure DevOps or other external system

HTTP Method: Likely PATCH or PUT (defined in external integration handler)

Endpoint: Dynamically generated by IntegrationFactory (external system-based)

Apex Trigger: UserStoryHandler.callFactory4ThirdPartyUpdate(Set<Id> usIds)

Calling Context: Future method with @future(callout=true)

Integration Class: Uses IntegrationFactory.returnInstance(systemName).updateRecord(usItem) to route the callout

## 🧩 Sample Flow (Behind the Scenes)

1. A manual sync request is triggered from Copado (via Flow or button).  
2. callFactory4ThirdPartyUpdate(List<copado\_\_User\_Story\_\_c>) is invoked.  
3. The method extracts the Named Credential, External\_System\_\_c, and External\_Id\_\_c from the associated project.  
4. Calls IntegrationFactory.returnInstance(...).updateRecord(...), which:  
 - Routes to the proper external system handler (like Azure, Jira, etc.).  
 - Sends an HTTP callout to update the external work item.

## 📦 Sample Payload (Illustrative Azure DevOps Format)

{  
 "id": "External\_Id\_\_c",  
 "title": "Updated Title from Copado",  
 "description": "Updated Description",  
 "project": "Project\_External\_Id\_\_c",  
 "workspace": "Workspace\_Id\_\_c"  
}

## ✅ Required Fields for Sync to Work

Field | Source | Requirement

------|--------|-------------

External\_Id\_\_c | User Story | Must not be null

Copado\_Integration\_Setting\_\_r.External\_System\_\_c | Project | Must be defined

Named\_Credential\_\_c | Integration Setting | Used for authorization