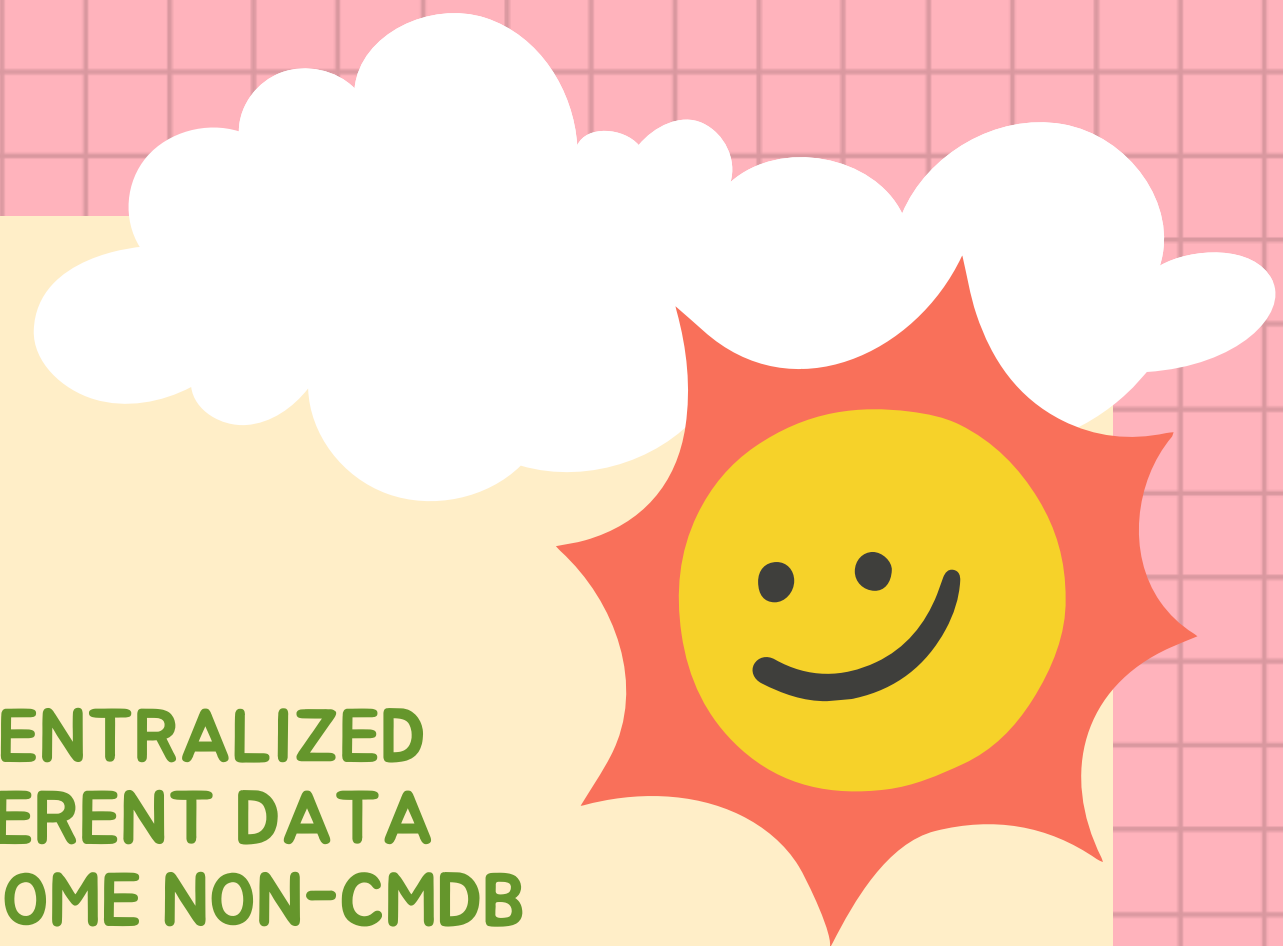
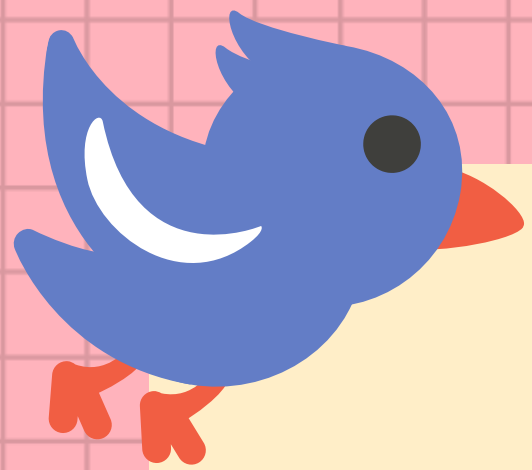


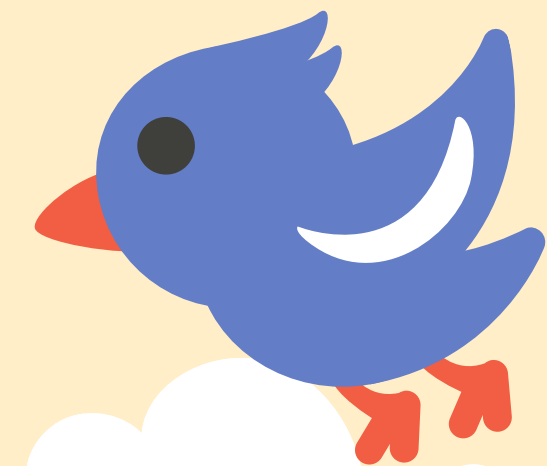
# CMDB IDENTIFICATION AND RECONCILIATION

Harish





THE IDENTIFICATION AND RECONCILIATION MODULE PROVIDES A CENTRALIZED FRAMEWORK FOR IDENTIFYING AND RECONCILING DATA FROM DIFFERENT DATA SOURCES. IT HELPS MAINTAIN THE INTEGRITY OF THE CMDB AND SOME NON-CMDB TABLES WHEN MULTIPLE DATA SOURCES ARE USED TO CREATE AND UPDATE CI RECORDS.





## USE OF IDENTIFICATION AND RECONCILIATION

THE USE OF MULTIPLE DATA SOURCES INCREASES THE RISK OF INTRODUCING INCONSISTENCIES THROUGH DUPLICATE RECORDS. TO MAINTAIN THE INTEGRITY OF THE DATABASE, IT IS IMPORTANT TO CORRECTLY IDENTIFY CIS AND SERVICES SO THAT NEW RECORDS ARE CREATED ONLY FOR CIS THAT ARE TRULY NEW.

THE IDENTIFICATION AND RECONCILIATION ENGINE (IRE) HELPS MAINTAIN THE DATA INTEGRITY AS FOLLOWS:

PREVENT DUPLICATE CIS BY UNIQUELY IDENTIFYING CIS USING SETS OF IDENTIFICATION RULES

RECONCILE CI ATTRIBUTES BY ALLOWING ONLY AUTHORITATIVE DATA SOURCES TO WRITE TO THE CMDB OR TO A SUPPORTED NON-CMDB TABLE

RECLASSIFY CIS

PROVIDE A CENTRALIZED FRAMEWORK TO PERFORM IDENTIFICATION AND RECONCILIATION ACROSS DIFFERENT DATA SOURCES



## IDENTIFICATION RULES

AN IDENTIFICATION RULE APPLIES TO A CI CLASS AND CONSISTS OF A SINGLE CI IDENTIFIER AND ONE OR MORE IDENTIFIER ENTRIES AND RELATED ENTRIES, EACH WITH A DIFFERENT PRIORITY. EACH IDENTIFIER ENTRY DEFINES A UNIQUE ATTRIBUTE SET WITH A SPECIFIC PRIORITY AND EACH RELATED ENTRY DEFINES RULES FOR IDENTIFYING RELATED ITEMS. CREATE STRONG IDENTIFICATION RULES THAT ARE SET WITH THE HIGHEST PRIORITY FOR THE STRONGEST IDENTIFIER ENTRIES AND RELATED ENTRIES.





## RECONCILIATION RULES

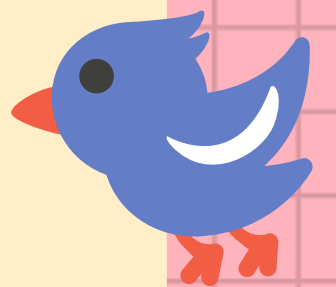
Reconciliation rules determine which discovery sources can update CI attributes.

Discovery sources, such as EventManagement, ImportSet, ManualEntry, and Tivoli, are used with the createOrUpdateCI() API to simulate manual updates to CIs. Without reconciliation rules, discovery sources can overwrite each other's updates to attribute values.

There are two types of reconciliation rules:

Static reconciliation rules

Dynamic reconciliation rules





THANK YOU

HARISH

