Notify Me When Available Data Flow

OVERVIEW

- Per channel, products are tagged as either Notify Me When Available (NMWA) eligible or ineligible (assuming this is set in the item master).

- On a daily basis, the item master loads into the web store and the Data Warehouse (DW) extract process executes. The resulting product catalog is sent to the Data Warehouse via Sterling integrator.

- All <Region>.<DataCenter>.<Environment>.Email.Notify.BackInStock.1-0 and NMWA unsubscribe events received will be loaded once a day during the channel batch load.

- Back-in-stock events are loaded into the NMWA_NOTIFICATION_FACT table.

- NMWA subscribe and unsubscribe events are loaded/updated in the NMWA_SUBSCRIPTION_FACT table.

SUBSCRIBE
Customer requests to be notified when product becomes available. JMS message initiates.

Out of Stock

Webstore

In Stock

NOTIFICATION/UNSUBSCRIBE
A backordered, or otherwise unavailable, SKU is restocked (i.e. inventory is now > 0)

The in-stock event in the web store publishes:

- The Back-in-Stock user notification (*<Region>.<DataCenter>.<Environment>.Email.Notify.BackInStock.1-0*)

- The NMWA unsubscribe event to the Public API Service – CAA Broker.

Subscribe

Notify/Unsubscribe

An event is triggered by the web store and published to the Public API Service.

Sonic – CAA Broker

Sonic – CAA Broker

The DW subscribes to CAA Broker and listens for NMWA subscribe events. The events (XML files) are received by Talend and placed in the appropriate channel folder.

NMWA_SUBSCRIPTION_FACT

NMWA_NOTIFICATION_FACT

The DW subscribes to CAA Broker and listens for the *<Region>.<DataCenter>.<Environment>.Email.Notify.BackInStock.1-0* and NMWA unsubscribe events. The events (XML files) are received by Talend and placed in the appropriate channel folder.

Customer is removed from NMWA subscription list.