



IBM Software Group

## IBM WebSphere Partner Gateway V6.1

### *Viewer enhancements - Message disposition notification and document ID*



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This presentation describes the enhancements to the applicability statement (AS) viewer and document viewer related to message disposition notifications and document IDs.

## Goals

- Learn about the new message disposition notification (MDN) related events and statuses
- Learn about changes made to the AS Viewer and Document viewer relating to MDN and Doc IDs



In this presentation you will learn about the new MDN, or message disposition notification related events and statuses, and about changes made to the AS viewer and document viewer relating to MDN and document IDs.

## Agenda

- MDN related changes
  - ▶ New events
  - ▶ New MDN statuses
- AS viewer changes
- Document viewer changes
- Summary



The presentation will discuss MDN related changes, including new events, new MDN statuses, AS viewer and document viewer changes.

## Section

# ***MDN related changes***



This section covers changes related to the MDN.

## New MDN events

- Two new events were added in WebSphere Partner Gateway 6.1:
- 240616: MDN not received
  - ▶ Occurs when an MDN was requested, and was not returned after all retries have been exhausted, and timeouts have expired.
- 240617: MDN with error disposition
  - ▶ Occurs when the MDN is returned, but contains the text: “error” or “warning”
- When logged, both events will contain the related Document Reference ID and AS Message ID.



MDN not Received, and MDN with error disposition are the two new events added in WebSphere Partner Gateway V6.1. The event code 240616 represents MDN not received and 240617 represents MDN with error disposition.

MDN not received occurs when an MDN was requested, and was not returned after all retries and timeouts have expired (both destination level and AS package level).

MDN with error disposition occurs when the MDN is returned, but contains the text: “error” or “warning”. This is a case-insensitive text match.

Note that if the MDN were to contain the text: “No errors detected.”, then this event would be triggered, and the message would be flagged as having an MDN with an error disposition. If the standards for AS MDN are followed, this situation should not arise.

When logged, both events will contain the related Document Reference Id and AS Message ID.

Both events are Warning level events.

## MDN status

- **New MDN statuses:**
  - ▶ Unknown
    - Only used when displaying old data
  - ▶ MDN disposition error
    - Triggered when the MDN contains “error” or “warning” text
- **Other MDN statuses:**
  - ▶ MDN not required
  - ▶ Waiting for MDN
  - ▶ MDN not received
    - In WebSphere Partner Gateway V6.0, this was known as “Retries Exceeded”
  - ▶ MDN processed

Two new MDN Statuses were added.

The first one is the Unknown status. The Unknown status will only be used when older data from WebSphere Partner Gateway V6.0.0 is migrated into WebSphere Partner Gateway V6.1. This is because MDNs must be parsed in order to figure out if the MDN contains an error. Since older MDNs will not be parsed when upgrading from WebSphere Partner Gateway V6.0 to WebSphere Partner Gateway V6.1, these older MDNs will now receive the “unknown” status.

The other new status is the MDN Disposition Error status. This status is for MDNs which contain “error” or “warning”. In this case, the MDN with Error Disposition event is also being triggered.

The MDN Not Received status was renamed from “Retries Exceeded”. When an MDN is not received, the MDN Not Received event is triggered.

The remaining MDN statuses have not changed.

## Section

# ***Viewer search and sort updates***

This section covers the updates to the viewers.

## AS viewer – New and modified fields

- Search based on source business ID:
  - ▶ Package source business ID
  - ▶ Payload source business ID
- Search and sort by MDN status
  - ▶ Can search for multiple MDN statuses using the multi-select box
- Search and sort by document ID



The AS Viewer has new and modified fields.

In WebSphere Partner Gateway V6.0, users could search on Source Business ID.

Now, in WebSphere Partner Gateway V6.1, users can search by the package source business ID, or the document payload source business ID.

Also, users can now search and sort by MDN Status (using the multi-select box) and Document ID from within the AS Viewer.



## AS Viewer – Search criteria screen capture

AS Source Business ID

Payload Source Business ID

Operation Mode

Package

Protocol

Document Type

Message ID

Document ID

Sync/Async

MDN Status   
Unknown  
MDN Not Required  
Waiting for MDN

Sort By   
Target Timestamp  
Source Document Definition  
Target Document Type  
Message ID  
MDN Status  
Document ID

Results Per Page

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This is a screen capture of the new AS Viewer search page.

Search criteria items shown with an arrow are new or modified in WebSphere Partner Gateway V6.1.

## Document viewer – Sort by Document ID

- Sort by document ID
  - ▶ New in WebSphere Partner Gateway V6.1
  - ▶ Example screen capture:

The screenshot shows a search interface with the following elements:

- Document ID:
- Reference ID:
- Source IP Address:
- Filter:
- Sort By:  (indicated by an arrow from the text 'Sort By' to the left)
- Sort Order:
- Results Per Page:
- Buttons: Search, Reset



On the Document Viewer page, there is an additional sort-by option.

The new option allows you to sort by Document ID.

Note that additional Document Viewer changes (such as User Defined Search Fields) are not covered in this presentation.

## Section

# *Summary*

This section discusses the summary.

## Summary

- New MDN events
- New MDN states
- New search and sort by criteria on the AS viewer and document viewer

WebSphere Partner Gateway V6.1 introduced two new MDN Events: MDN Not Received, and MDN With Error Disposition. The presentation covered details on the two new MDN Statuses (Unknown and MDN Disposition Error), and the one renamed status (MDN Not Received). Also covered are the details on the new search and sort criteria on the AS viewer and Document viewer relating to document ids and MDN statuses.

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