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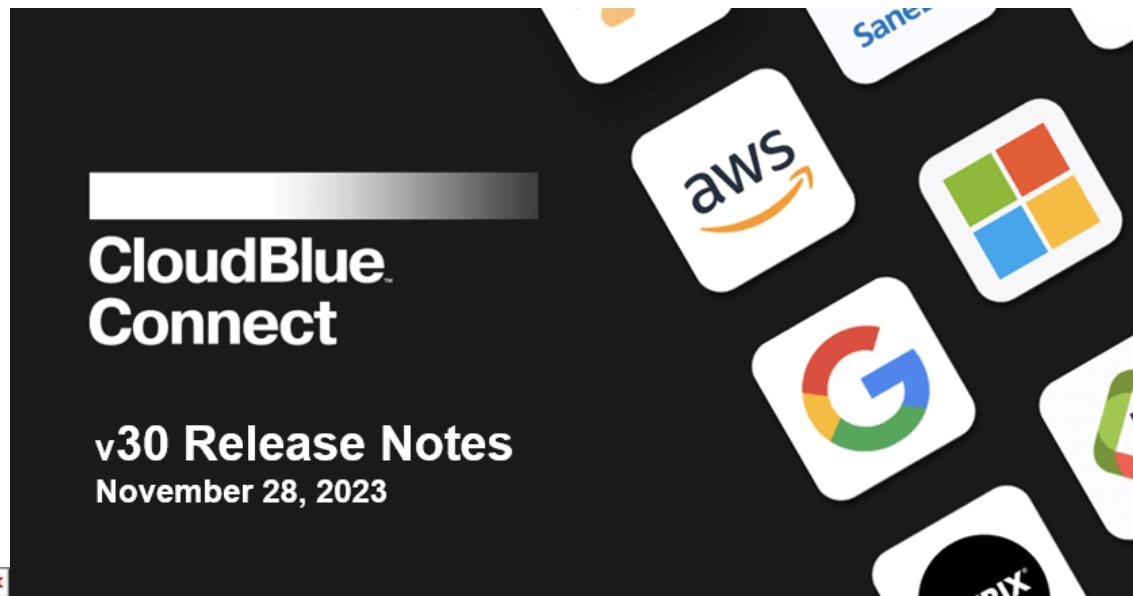
# v30 Release Notes

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This release brings new and enhanced features, better scalability, smoother workflows, and a richer user experience on CloudBlue Connect.



## 1. CloudBlue Connect Platform

### 1.1 PIM Localization

PIM module has extended its localization capabilities and now supports localization of all the product information model entities, including attributes, groups, classes, and categories. Distributors can now localize all attribute types (text, drop-down, measure, file and image) together with their corresponding fields like name, description, hints and other fields that apply to a particular attribute type:



CloudBlue PIM

**Attributes**

**REFRESH** **FILTER** **COLUMNS**

NAME	GROUP	SCOPE	TYPE
Additional info PIA-7295-1767-9642 - Additional info	Extended attributes PIG-241-834-634- Extended attributes	Product	Text
Width PIA-2911-1532-8971 - ATTR-WIDTH	Physical properties PIG-246-672-278- GROUP-PHYS	Product	Text
Height PIA-3033-2485-7977 - ATTR-HEIGHT	Physical properties PIG-246-672-278- GROUP-PHYS	Product	Text

Rows per page: 10 Total: 3 rows

**Connect Distributor**

**English** **French** **German**

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CloudBlue PIM

**Attributes**

**REFRESH** **FILTER** **COLUMNS**

NAME	GROUP	SCOPE	TYPE
Weitere Informationen PIA-7295-1767-9642 - Additional info	Erweiterte Attribute PIG-241-834-634- Extended attributes	Product	Text
Breite PIA-2911-1532-8971 - ATTR-WIDTH	Physische Eigenschaften PIG-246-672-278- GROUP-PHYS	Product	Text
Height PIA-3033-2485-7977 - ATTR-HEIGHT	Physische Eigenschaften PIG-246-672-278- GROUP-PHYS	Product	Text

Rows per page: 10 Total: 3 rows

**Connect Distributor**

**German**

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The screenshot shows the CloudBlue PIM interface. On the left, a sidebar lists 'Attributes', 'Groups', 'Variants', 'Classes', and 'Categories'. The main area is titled 'Attribute details' for an attribute named 'Stockage' (ID: PIA-8404-8904-5157, Code: ATTR-STORAGE). The 'General' tab shows the attribute's name, ID, code, group (Propriétés physiques), and scope (Product). The 'Description' field contains 'Stockage d'articles'. The 'Control' tab shows the type as 'Dropdown' and the hint as 'Taille de stockage'. A preview window shows the dropdown options: 'Petit' (256 GB), 'Douleur moyenne' (512 GB), and 'Grand' (1024 GB). On the right, a language selection dropdown is set to 'French' (Primary), with 'English' and 'German' also listed. The bottom of the screen shows the creation and update dates (11/29/2023 4:14 AM) and the URL (Amaz (UR-057-000-003)).

The screenshot shows the CloudBlue PIM interface. The sidebar is identical to the previous screenshot. The main area is titled 'Attribute details' for an attribute named 'Lagerung' (ID: PIA-8404-8904-5157, Code: ATTR-STORAGE). The 'General' tab shows the attribute's name, ID, code, group (Physikalische Eigenschaften), and scope (Product). The 'Description' field contains 'Lagerung von Gegenständen'. The 'Control' tab shows the type as 'Dropdown' and the hint as 'Größe des Speichers'. A preview window titled 'Preview attribute' is displayed, showing the dropdown options: 'Klein', 'Mittel', and 'Groß'. On the right, a language selection dropdown is set to 'German' (Primary), with 'English' and 'French' also listed. The bottom of the screen shows the creation and update dates (11/29/2023 4:14 AM) and the URL (Amaz (UR-057-000-003)).



The screenshot shows the CloudBlue PIM interface. On the left, a sidebar lists 'Attributes', 'Groups', 'Variants', 'Classes', and 'Categories'. The 'Categories' section is expanded, showing a list of categories under 'Logiciel', including 'L'IA et l'apprentissage automatique', 'Analytics', 'Sauvegarde et reprise après sinistre', 'Communication et collaboration', 'Conformité et juridique', 'Gestion de la clientèle', 'Service client', 'Outils de développement', 'Commerce numérique', 'Finance', 'Géolocalisation', 'Ressources humaines', 'Infrastructure', 'Internet des objets', and 'Gestion des TI'. The category 'Sauvegarde et reprise après sinistre' is selected and highlighted with a red box. On the right, a detailed view of this category is shown. The category name is 'Sauvegarde et reprise après sinistre', with an 'EDIT' button. Below it, the 'ID' is listed as 'PICT-429-200-091', 'Code' is empty, and 'Class' is 'Produit standard'. At the top right of the interface, there is a language dropdown set to 'French', which is also highlighted with a red box. The bottom of the screen displays a copyright notice: '© 2023 – Ingram Micro Inc. All Rights Reserved. – [Privacy](#) | [Terms of Use](#) – Version 30.0.412-ge816db9'.

The screenshot shows the CloudBlue PIM interface with the 'Edit category' dialog box open. The dialog box has a title 'Edit category' and a language dropdown set to 'German', which is highlighted with a red box. The dialog contains fields for 'Name' (set to 'Backup und Disaster Recovery'), 'Code' (empty), 'Class' (set to 'Standard product'), and 'Parent Category' (set to 'Software'). At the bottom of the dialog are 'CANCEL' and 'SAVE' buttons. The background of the interface shows the 'Categories' list, which is partially visible and includes categories like 'Software', 'KI und maschinelles Lernen', 'Analytik', 'Backup und Disaster Recovery', 'Kommunikation und Zusammenarbeit', 'Compliance und Recht', 'Kundenmanagement', 'Kundendienst', 'Entwickler-Tools', 'Digitaler Handel', 'Finanzieren', 'Geolokalisierung', 'Personalabteilung', 'Infrastruktur', 'Internet der Dinge', and 'IT-Management'. The 'German' language dropdown in the top right corner of the interface is also highlighted with a red box. The bottom of the screen displays a copyright notice: '© 2023 – Ingram Micro Inc. All Rights Reserved. – [Privacy](#) | [Terms of Use](#) – Version 30.0.412-ge816db9'.



The screenshot shows the CloudBlue PIM interface. On the left, a sidebar lists 'PIM' categories: Attributes, Groups, Variants, Classes, and Categories. The 'Classes' section is selected. In the main area, a product standard is displayed with the ID PICS-485-941-145. The 'French' language dropdown is highlighted with a red box. The 'Categories' section, which lists 'Logiciel', 'LIA et l'apprentissage automatique', 'Analytics', 'Sauvegarde et reprise après sinistre', 'Communication et collaboration', and 'More...', is also highlighted with a red box. To the right, there are sections for 'Attributes' and 'Variants', both of which are currently empty.

For groups, classes, and categories, Distributors can only localize the **Name** field.

## 1.2 Tier product parameters - Parameter dependencies

Tier ordering parameters now also support the parameter dependency configuration:

The screenshot shows the 'Create Ordering Parameter - Step 3' dialog. The 'Dependencies' tab is highlighted with a red box. The dialog includes sections for 'Type' (checkboxes for 'Type' and 'Constraints'), 'Dependencies' (checkbox for 'Dependencies'), 'Details' (checkbox for 'Details'), and 'Summary' (checkbox for 'Summary'). The 'Dependencies' section contains a dropdown for 'This parameter depends on:' and a list for 'If the parameter value is one of the following:'. The 'Details' section contains a table for 'The constraints will be:' with rows for 'Readonly' and 'Hidden'. Buttons for 'CANCEL', 'BACK', and 'NEXT' are at the bottom.

## 1.3 Subscriptions - New distributor filter

The **Subscriptions** module has added a new **Distributor** column and filter option to the **Fulfillment** section to simplify the fulfillment request search for Vendors:



The screenshot shows the CloudBlue Connect Subscriptions interface. On the left, a search bar is set to 'Distributor' with a placeholder 'Search for name and ID'. Below it are buttons for 'ADD FILTER', 'RESET FILTERS', and 'CLOSE'. The main area displays a table of terminated subscriptions. The first two rows are highlighted with orange boxes. The first row shows a subscription for 'PB-7385-8136-9383-001' with a status of 'Terminated' and a note 'Product 25 August, 2019'. The second row shows 'PB-4119-5815-5570-001' with a status of 'Terminated' and a note 'Product 25 August, 2019'. The table includes columns for HUB, SUBSCRIPTION, CUSTOMER, ASSIGNEE, and STATUS. The STATUS column shows 'Pending' for the first two rows and 'Approved' for the third row.



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## 1.4 Product item groups - Group item list

Group items previously editable only as an item property, now have their own UI and can be managed in **Items** on the **Groups** tab.

## 1.5 Usage - Usage reports for terminated subscriptions

To align with different vendors' usage reporting schemes, Connect now allows Vendors to submit usage for terminated subscriptions. To include terminated subscriptions into usage reports, go to the product settings and switch on **Late Charges** under the **Pay as you go** menu:

The screenshot shows the CloudBlue Connect Product Settings page for 'testproduct'. On the left, a sidebar lists various settings like General, Items, Ordering Parameters, Fulfillment Parameters, Embedding, Integrations, Configuration, Versions, Localization, Preview, Pricing, Offers, Listings, and Settings. The 'Pay-as-you-go' section is expanded, showing a sub-section for 'Late Charges' which is highlighted with an orange box. The 'Late Charges' setting is described as 'Product can generate usage reports with charges assigned to terminated subscriptions' and has a toggle switch that is turned on.

## 1.6 Extensions - EaaS orchestration improvements



### 1.6.1 Pre-built docker image in EaaS

To improve stability, avoid issues after restarting an environment that can be caused by updated or removed extension dependencies, and simplify rollback to the previous version, the docker image of the extension is now built before the container deployment.

### 1.6.2 Improved upgrade functionality

The software upgrade functionality has been improved in the following ways:

- automatic rollback to the previous version in case there are issues with deploying the new one
- new software version indicator
- rolling updates, allowing deployments' update to take place with zero downtime

### 1.6.3 EaaS extension autoscaling

The new autoscaling feature dynamically adjusts the number of containers depending on the current load (CPU, memory usage and pending tasks):

- scaling up by increasing the number of instances
- scaling down by turning off instances in the stand-by mode

## 1.7 Data Streams Processing - New transformation

A new transformation function **Lookup CloudBlue billing request data** allows you to get the CloudBlue billing request data by the subscription ID or parameter value:

