



# EPMware Release Notes

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Release 24.01.79

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# Release 24.01.79 Notes

**Test Release Date:** January 12, 2024, **Production Release Date:** January 26, 2024

# Agent Updates

None

## Introduction

EPMware Release 24.01.79

This is a minor release containing new features and enhancements to existing features, and API additions. The features of this release were developed to enhance the design capabilities, performance, and improve ease of use of applications. System administrators and users will benefit from the enhancements across their application.

| Change Types | # of items |
|--------------|------------|
| New Features | 2          |
| Improvements | 4          |
| Fixes        | 7          |
| Total        | 13         |

# New Features

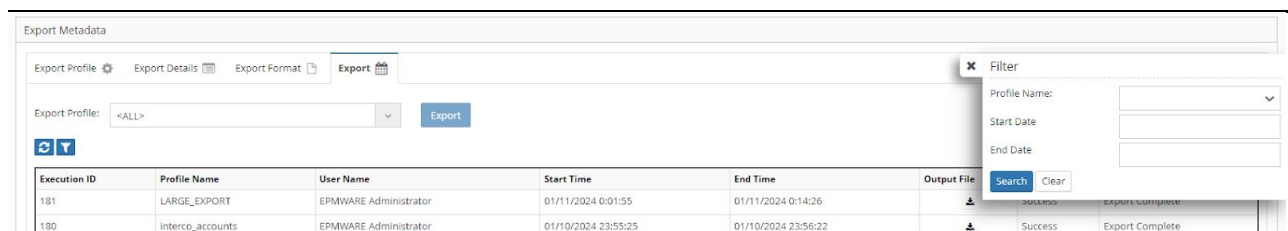
## Refresh Dashboard when Dashboard page is opened or viewed

**[EW-1934]** - Refresh Dashboard when Dashboard page is opened or viewed. This is useful when users are navigating across multiple pages (like Requests, Deployments etc) and expect results refreshed in the dashboard page. With this feature, the application will automatically refresh as soon as you navigate to the dashboard page.

## Add Filters on the Export Configuration

**[EW-1871]** - Add Filters in the Export Configuration screen

In Export Configuration and Export Detail tabs filters were added so that users can quickly select their Export rather than navigating to multiple pages.



The screenshot displays the 'Export Metadata' section of a software interface. It includes tabs for 'Export Profile', 'Export Details', 'Export Format', and 'Export'. The 'Export' tab is active, showing a table of export executions. A 'Filter' dialog is open, allowing users to filter by 'Profile Name', 'Start Date', and 'End Date'. The table has columns for Execution ID, Profile Name, User Name, Start Time, End Time, and Output File. Two rows are visible: one for 'LARGE\_EXPORT' and another for 'interco\_accounts'.

| Execution ID | Profile Name     | User Name             | Start Time          | End Time            | Output File     |
|--------------|------------------|-----------------------|---------------------|---------------------|-----------------|
| 181          | LARGE_EXPORT     | EPMWARE Administrator | 01/11/2024 0:01:55  | 01/11/2024 0:14:26  | Success         |
| 180          | interco_accounts | EPMWARE Administrator | 01/10/2024 23:55:25 | 01/10/2024 23:56:22 | Export Complete |

# Improvements

**Large Text Property Values should show text wrapped when mouse is hovered and show complete value**

**[EW-1851]** - If the property display type is “Text” and if the property value is large (For example > 100 characters) then when the user hovers the mouse over that property, full value will be displayed.

| Property      | Value                                                                                        | Category |
|---------------|----------------------------------------------------------------------------------------------|----------|
| Bank Date     |                                                                                              | Default  |
| DERIVED PROP  | Derived Value                                                                                |          |
| Bank Status   |                                                                                              |          |
| Consolidation | + x v                                                                                        |          |
| Comment       | This is a Large Text...This is a Large Text...This is a Large Text...This is a Large Text... |          |

This is a Large Text...This is a Large Text...This is a Large Text...This is a Large Text...This is a Large Text...This is a Large Text...This is a Large Text...This is a Large Text...

|                |          |
|----------------|----------|
| UDA            |          |
| Member Formula | ...      |
| Time Balance   | Select v |
| Skip Option    | Select v |
| Type           |          |
| Smart List     |          |
| Format String  |          |

## New Logic Builder APIs for Request Package

**[EW-1916]** - Add API to update member properties of Formula type in Request API

### Package EW\_REQ\_API

```
/* Returns Y if the API is successful. Else returns N */
```

#### FUNCTION update\_hierarchy\_prop

```
(p_user_id IN NUMBER
,p_request_id IN NUMBER
,p_app_dimension_id IN NUMBER
,p_hierarchy_id IN NUMBER
,p_prop_label IN VARCHAR2
,p_prop_value IN VARCHAR2
,p_prop_value_clob IN CLOB DEFAULT NULL
,p_vary_by_member_names IN VARCHAR2 DEFAULT NULL
,p_related_line_id IN NUMBER DEFAULT NULL
,x_msg OUT VARCHAR2
)
```

Also, added 3 new Global Variables for Logic builder API specifications

```
g_prop_value_clob , g_prop_clob_flag and g_vary_by_member_names
g_prop_value_clob Type CLOB
g_prop_clob_flag Type VARCHAR2(1) - Y or N
g_vary_by_member_names VARCHAR2(2000)
```

if Property being Validated is CLOB Type then g\_prop\_clob\_flag will be set to Y else N.

If set to Y then it will also hold CLOB Prop Value.

If Property is Vary By Members Type then g\_vary\_by\_member\_names will be set with Vary By member names as well.

**[EW-1931]** - Add new Logic Builder API to get Request Line # for given Application ,Dimension, ,Member Name and Action Code (Optional).

We need API to retrieve Request Line # (for validations) for a given application, dimension, member and either any hierarchy action or specific one.

TWO APIs are created under the EW\_REQ\_API package.

```
FUNCTION get_req_line_num
(p_request_id IN NUMBER
,p_app_dimension_id IN NUMBER
,p_member_name IN VARCHAR2
,p_action_name IN VARCHAR2 DEFAULT NULL
)
RETURN NUMBER;
FUNCTION get_req_line_num(p_request_id IN NUMBER
,p_app_name IN VARCHAR2
,p_dim_name IN VARCHAR2
,p_member_name IN VARCHAR2
,p_action_name IN VARCHAR2 DEFAULT NULL
)
RETURN NUMBER;
```

**[EW-1934]** - Modify Logic Builder API which checks Request Attachments with 2 additional parameters.

Modify **chk\_req\_has\_attachments** API to include 2 new parameters.

```
-- Check if the Request has files attached or not
-- Optionally check to exclude Zero byte attachments as well as check
-- files having specific extensions (Separated by comma char) for example
-- xls, xlsx and so on
-- In addition it can also check if filename without extension matches
-- and file having string or not.. (File has to be non-binary)
```

```
FUNCTION chk_req_has_attachments
(p_request_id IN NUMBER
,p_exclude_null_atts IN VARCHAR2 DEFAULT 'N'
,p_file_extensions IN VARCHAR2 DEFAULT NULL
,p_file_name_without_ext IN VARCHAR2 DEFAULT NULL
,p_file_search_str IN VARCHAR2 DEFAULT NULL
```

```
)
RETURN VARCHAR2;
```

## New Logic Builder APIs for Hierarchy Package

**[EW-1927]** - Added new Logic Builder API to provide a list of Parent Members for a given member.

### Package EW\_HIERARCHY

```
FUNCTION get_parent_members (p_app_dimension_id IN NUMBER
,p_member_name IN VARCHAR2
,p_top_member_name IN VARCHAR2 DEFAULT NULL
,p_node_type IN VARCHAR2 DEFAULT 'ALL'
,p_sep IN VARCHAR2 DEFAULT ','
)
RETURN VARCHAR2;
```

**[EW-1929]** - Add new Logic Builder API to provide a list of Child Members or Ancestors, or Descendants for a given member having specific value for a specific property. Same API can be used with different parameter values to get just COUNT rather than list of members.

```
-- Provide list of Ancestors separated by comma having value for specific prop
-- p_list_or_count will accept two options. LIST or COUNT
-- LIST will provide member names separated by a comma
FUNCTION ancestors_having_prop_value (p_app_dimension_id IN NUMBER
,p_member_name IN VARCHAR2
,p_prop_name IN VARCHAR2
,p_prop_value IN VARCHAR2
,p_sep IN VARCHAR2 DEFAULT
','
,p_list_or_count IN VARCHAR2 DEFAULT
'LIST'
,p_append_wildcard IN VARCHAR2 DEFAULT
'N'
)
RETURN VARCHAR2;

-- Provide list of Descendants separated by comma having value for specific prop
-- p_list_or_count will accept two options. LIST or COUNT
FUNCTION descendants_having_prop_value(p_app_dimension_id IN NUMBER
,p_member_name IN VARCHAR2
,p_prop_name IN VARCHAR2
,p_prop_value IN VARCHAR2
,p_sep IN VARCHAR2 DEFAULT
','
,p_list_or_count IN VARCHAR2 DEFAULT
'LIST'
,p_append_wildcard IN VARCHAR2 DEFAULT
'N'
)
RETURN VARCHAR2;
```

```

-- Provide list of children separated by comma having value for specific prop
-- p_list_or_count will accept two options. LIST or COUNT
FUNCTION children_having_prop_value (p_app_dimension_id IN NUMBER
                                   ,p_member_name      IN VARCHAR2
                                   ,p_prop_name        IN VARCHAR2
                                   ,p_prop_value       IN VARCHAR2
                                   ,p_sep             IN VARCHAR2 DEFAULT
                                   '','
                                   ,p_list_or_count     IN VARCHAR2 DEFAULT
                                   'LIST'
                                   ,p_append_wildcard  IN VARCHAR2 DEFAULT
                                   'N'
                                   )
RETURN VARCHAR2;

```

Added a new parameter to **get\_member\_having\_prop\_value** to apply wildcard or not. This API will scan the entire dimension to check if there is any member having specific property value (with or without wildcard) for a given property name (or label).

```

/* Scan the app across dimensions to detect member having
   property value for the given property.
   Returns dimension and member name as concatenated value
*/
FUNCTION get_member_having_prop_value
(p_app_name      IN VARCHAR2
,p_prop_label    IN VARCHAR2
,p_prop_value    IN VARCHAR2
,p_exclude_member_name IN VARCHAR2
,p_exclude_array_member_name IN VARCHAR2 DEFAULT NULL
,p_dim_name      IN VARCHAR2 DEFAULT NULL
,p_append_wildcard IN VARCHAR2 DEFAULT 'N'
)
RETURN VARCHAR2;

```

Add 2 new parameters to **chk\_prop\_val\_custom** function to pass CLOB type properties. CLOB type properties are like Member Formulas.

```

/* Validate Property Value and return Y/N along with message
   for Properties which has Logic Script associated with it
*/
FUNCTION chk_prop_val_custom(p_request_id      IN NUMBER
                             ,p_request_line_id  IN NUMBER
                             ,p_app_dimension_id  IN NUMBER
                             ,p_action_code      IN VARCHAR2
                             ,p_hierarchy_id     IN NUMBER
                             ,p_parent_member_name IN VARCHAR2
                             ,p_prop_id          IN NUMBER
                             ,p_prop_label       IN VARCHAR2
                             ,p_prop_value       IN VARCHAR2
                             ,p_array_member_id   IN NUMBER
                             ,p_prop_value_clob   IN CLOB
                             ,p_vary_by_member_names IN VARCHAR2
                             ,p_source           IN VARCHAR2
                             ,x_msg              OUT VARCHAR2
                             )
RETURN VARCHAR2 -- Y/N
;

```

## Allow Reorder Children Action on Shared nodes.

[EW-1920] - Allow Reorder Children Action on Shared nodes. It will automatically internally take Primary Instance of that member and create a Reorder action line for it.

## Fixes

### SAML SSO throws “InReponseTo” Errors

[EW-1994] - SAML SSO throws “InReponseTo” Errors in some cases. This error results in showing an SSO page rather than informing users to re-login as the previous session had expired..

### Selecting Request for Redeploy from the Deployment Popup does not Mark failed request eligible for Redeployment

[EW-1919] - Selecting Request for Redeploy from the Deployment Popup does not Mark failed request eligible for Redeployment as shown below.

The screenshot shows the EPMware Deployment Manager interface. The main window displays a table of deployments with columns: Deployment Id, Name, Start Time, End Time, Application, and Status. A red arrow points from deployment 600 (HFM) to the 'Redeploy' button in the 'Deployment Status' popup.

**Deployment Status**

Deployment Name: HFM  
Deployment Id: 600  
Application Name: 3. HFM

| Request Id | Description | Start Time          | End Time            | Status |
|------------|-------------|---------------------|---------------------|--------|
| 148        | Redeploy    | 12/09/2023 01:02:13 | 12/09/2023 01:02:14 | Failed |

Legend: Running (gear icon), Failed (red X icon), Completed (checkmark icon), Partial (person icon), Pending (exclamation mark icon)

Close

**Deployment for HFM application shows status as Deployed even though deployment is still running. This only occurred when the Security Class dimension was deployed with the Entity Dimension.**

**[EW-1921]** - Deployment for HFM application shows status Deployed even if deployment is running when Security Class is deployed along with Entity Dimension.

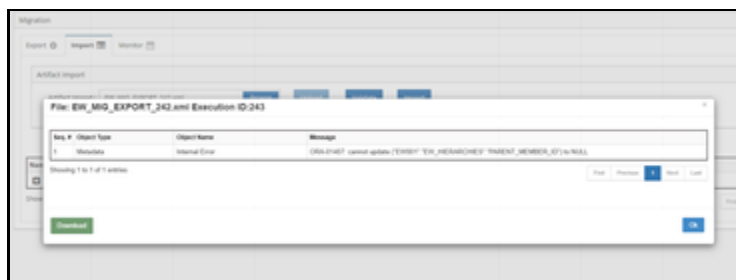
**Bulk Upload Validation for Multi Value Display Type properties should validate each element in the property value .**

**[EW-1922]** - Bulk Upload Validation for Multi Value Display Type properties should validate each element in the property value .

**Migrating Metadata fails in the destination environment if a member is moved to a newly created parent in the source environment**

**[EW-1923]** - Migrating Metadata fails in the destination environment if a member is moved to a newly created parent in the source environment.

If customer is migrating metadata from one environment to the other (For example PROD to TEST) then following error is thrown in the destination (TEST in this example) environment during Import if the member in the source (PROD) was moved to a parent which is new meaning does not exist in the TEST environment.



**Application Import throws an ORA error if the application has a member with duplicate nodes**

**[EW-1924]** - Application Import throws ORA error if application has a member with duplicate nodes

## **Deployment gets stuck if multiple deployments are submitted in quick succession with Auto Scheduling.**

**[EW-1931]** - Deployment gets stuck if multiple deployments are submitted in quick succession with Auto Scheduling.

## **Contact EPMware Support**

<http://epmware.com/support>

[support@epmware.com](mailto:support@epmware.com)