

New Releases of Admin Portal

1. CSV Format Support in Migration Process (Enhancement)

Problem Statement: While migrating any resource of admin portal from lower environment to higher if the resource is heavy like BRE with as many as 100+ rules causes trouble due to data size limit of excel. Which result in overall migration challenge whenever any of the resource is haevy.

Solution: System now supports **CSV format** for the **Export, Import, and Backup** operations in the Migration module. This enhancement primarily targets issues related to large or complex data of configuration at the migration process majorly in the **Business Rule Engine (BRE)** and **Scoring Engine** modules.

This Feature is Requested by Project Team: AU ACE

1.1 Key Features:

1.1.1 CSV Export of BRE Rules

- BRE rules can now be exported in both CSV and Excel formats
- This eliminates data corruption issues due to Excel's cell size limits (e.g., when formulas or large logic blocks are involved).

1.1.2 CSV Import Support

- Migration process now supports **CSV import** of BRE configurations.
- Helps prevent errors like:

"Configuration file is missing or invalid. Decision File Not Found. Please check the config."
This error was common during migration when Excel formatting caused misreads.

1.1.3 CSV Backup via Scheduler

- Automated system backups (scheduler-based) now also use **CSV format** instead of Excel.
- Currently implemented for:
 - Business Rule Engine**
 - Scoring Engine**
- Ensures reliable backups for large datasets.

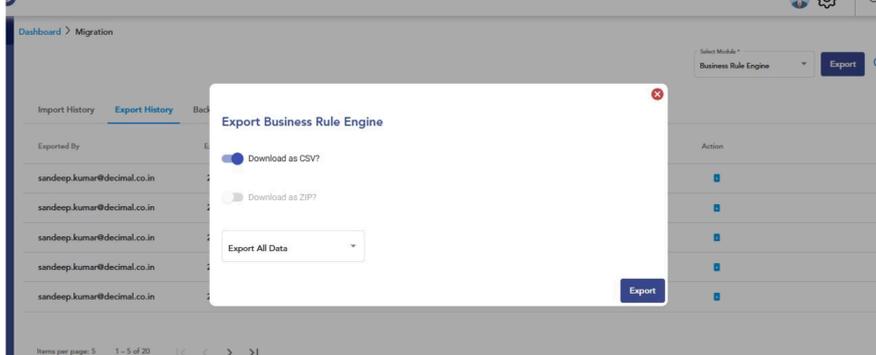


Fig 1: [Export with CSV Option]

1.2 Why This Change Was Needed

Previously, only the Excel format was supported for export and backup. This caused:

- Migration issues due to large formulas or JSON in single Excel cells.
- Failed validations due to hidden Excel formatting.
- Frequent migration errors specifically in **BRE**, leading to configuration file issues.

a. Where You'll See the Change

1.3 Admin Portal —> Migration Module

- Export Option:** Now includes a "Download as CSV" option.
- Import Option:** Accepts both Excel and CSV files.
- Backup (System_Back):** scheduler now creates CSV backup files for both BRE and Scoring Engine.

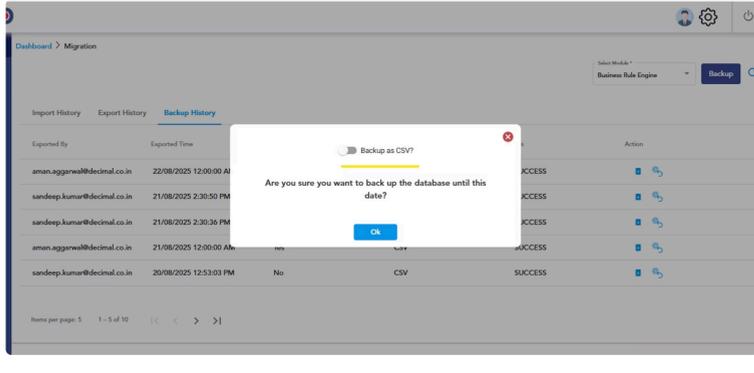


Fig 2: [Backup File Supporting CSV]

1.4 Use Cases

- Avoid Migration Errors:** Prevents issues like "Configuration file is missing" caused by Excel formatting.
- Reliable Files:** CSV handles large logic/data better than Excel, reducing chances of corruption.

Notes :: This enhancement is currently **limited to BRE and the Scoring Engine**.

2. Secure File Download via Byte Stream (Enhancement)

The Admin Portal now uses **Byte Stream** to download files directly from the **Document Management System (DMS)** instead of redirecting via **signed URLs**. This update strengthens security and improves user experience during file downloads (Excel/CSV sheets).

This feature is a security enhancement.

2.1 Key Features

- Clicking "Download" now triggers a **direct file download** using a **byte stream**.
- No new tab opens, and the file is downloaded **silently in the background**.
- Internal URLs and file metadata are no longer exposed in the browser.

2.2 Previous Behavior:

- When users clicked "Download," it opened a **new browser tab** with a special link (signed URL) to get the file.
- From the signed URL, it was possible to identify which S3 bucket was being used.
- This link showed **internal system URLs**, which could be **misused or saved by mistake**.
- Also, opening a **new tab** and loading the file made the process **slower and less smooth** for users.

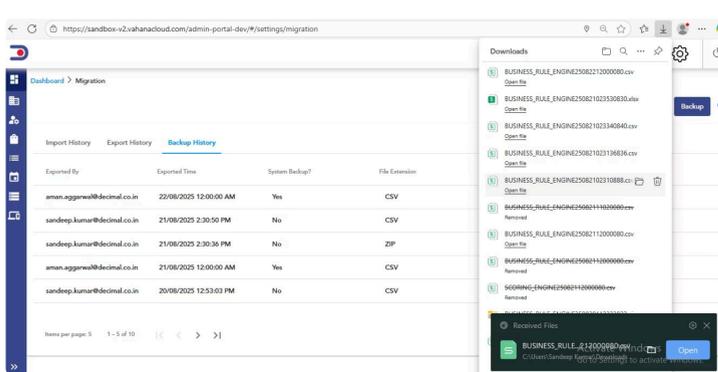


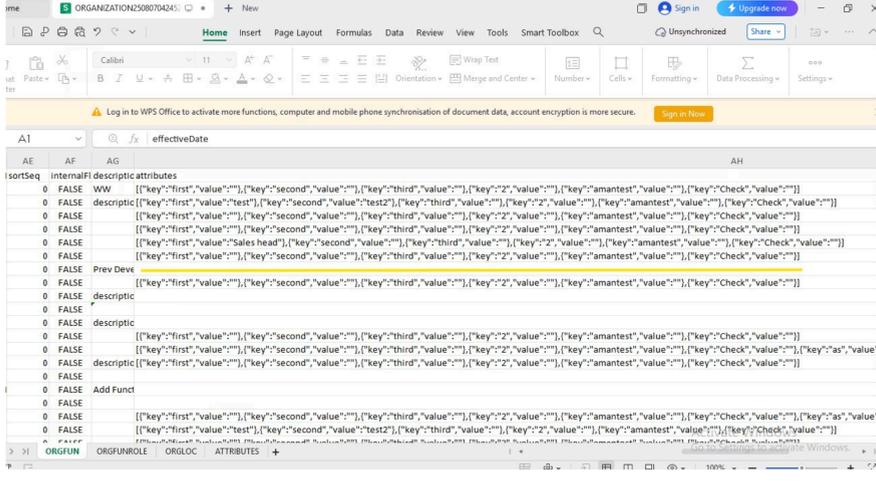
Fig 3: Screenshot At the time of the download sheet.

2.3 Use Cases

- Download config files directly without exposing internal URLs.
- Streamlined downloads for migration sheets or backups.
- More secure handling of sensitive configuration data.

3. Flat format support in Bulk Upload (Enhancement)

Problem Statement: While uploading bulk data using excel files if any additional attributes were added in any of the module then for those attributes the JSON need to be created instead of adding data into columns directly which was difficult to create by any business user.



Solution: User don't need to create JSON structure for additional attributes, users can directly add the data in flat column based structure in excel files instead of JSON for all type of columns be it system default columns or additional attributes. System intelligently identify the additional attributes and create the JSON by itself.

AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	att	
latitude	longitude	attributes>Delete		attribute_branch_code	as_per_newgen	attribute_bwh	attribute_new_region	attribute_cluster_name	attribute_tier	attribute_vintage_in_months	att
0	FALSE	[[{"key":"v", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243246	West	West-RAJ	Jaipur-1	Tier 1		12	Ctu
0	FALSE	descriptive[[{"key":"first","value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243247	West	West-RAJ	Jaipur-2	Tier 2		13	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243248	West	West-RAJ	Jaipur-3	Tier 3		14	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243249	West	West-RAJ	Jaipur-4	Tier 4		15	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243250	West	West-RAJ	Jaipur-5	Tier 5		16	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243251	West	West-RAJ	Jaipur-6	Tier 6		17	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243252	West	West-RAJ	Jaipur-7	Tier 7		18	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243253	West	West-RAJ	Jaipur-8	Tier 8		19	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243254	West	West-RAJ	Jaipur-9	Tier 9		20	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243255	West	West-RAJ	Jaipur-10	Tier 10		21	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243256	West	West-RAJ	Jaipur-11	Tier 11		22	
76.99998778.989876	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243257	West	West-RAJ	Jaipur-12	Tier 12		23	
0	FALSE	descriptive[[{"key":"first","value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243258	West	West-RAJ	Jaipur-13	Tier 13		24	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243259	West	West-RAJ	Jaipur-14	Tier 14		25	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243260	West	West-RAJ	Jaipur-15	Tier 15		26	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243261	West	West-RAJ	Jaipur-16	Tier 16		27	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243262	West	West-RAJ	Jaipur-17	Tier 17		28	
0	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243263	West	West-RAJ	Jaipur-18	Tier 18		29	
78.97656567.099768	FALSE	[[{"key":"d", "value":"","key":"second","value":"","key":"third","value":"","key":"2","value":"","key":"amantest","value":"","key":"Check","value":""}]]	FALSE	243264	West	West-RAJ	Jaipur-19	Tier 19		30	

4. Some other minor Bug Fixes & Improvements (Enhancement)

UI/UX Improvements

- Modified date now added on all lists across admin portal for better tracking.
- Added "Records per page" option on all lists for user to select how much records they wants to see on every page in the list.
- If value of any column was large then it caused overlapping with other column, this issue is now fixed.

Performance & Functionality

- Improved performance of *Event-Task Mapping* functionality.
- Added a **Test Option** in *Notification Engine Config* to test if config is working fine or not.

Export & Logging

- Disabled the Export button while exporting config into file if required options are not selected.
- Fixed issues with improper logging in the *Audit Table*.

Conclusion

This release includes important fixes and improvements to how files are downloaded and backed up in the Admin Portal. These changes make the system work better and safer.

Build Version Support this Release.

- Workflow Manager:** 17.0.0-1.0.210
- Admin Portal (Front End):** 17.0.0-1.0.187
- Admin Portal (Back End):** 17.0.0-1.0.278

Need Help?

For any queries or support related to this release, please contact the **Admin Portal** team.