

# Admin Portal New Release

## Additional Attribute (Enhancement)

### 1. Document Purpose

This document explains the **new Attribute Enhancement** introduced in the **Admin Portal**.

Earlier, Admin users could add additional (dynamic) attributes for certain modules, but **no validations** were available. With this release, attributes are now **fully configurable and validated**.

This guide helps:

- Admin users understand **what has changed**
- How to **configure attributes**
- How validations work on **UI and migration**
- What to take care of during **data migration**

### 2. Background – How It Worked Earlier

Previously:

- Admin could add **additional attributes** for applicable modules
- Only **attribute name** was required
- No validation was enforced:
  - Mandatory / Optional
  - Data type
  - Regex pattern
- All attribute values were stored in **one single column** as a JSON object

Example (Earlier format):

```
[
  {
    "key": "Full Name", "value": "Raj kumar",
  },
  {
    "key": "Address", "value": "Delhi",
  },
  {
    "key": "Zone Name", "value": "north",
  },
  {
    "key": "Village Name", "value": "rampur"
  }
]
```

This caused:

- Inconsistent data
- No UI-level validation
- Difficulty in migration and reporting

### 3. What's New in This Release (Summary)

This release introduces **Attribute Enhancement** in the Admin Portal.

Now Admin users can configure:

- Whether an attribute is **Mandatory**
- **Data Type** of the attribute
- **Regex validation** for attribute values
- **Custom error message** if validation fails

Validations are enforced:

- On **UI screens**
- During **Migration / Bulk Upload**

#### 3.1 Backward Compatibility & Update Options for Old Attributes

For attributes that were created before this enhancement:

- Old attributes can be updated with new validation rules (Mandatory, Data Type, Regex, Error Message)
- Existing attribute data is preserved during the upgrade
- Admins can gradually enable validations on old attributes without losing historical data
- New attributes created after this release will have all validation options available from the start

This ensures a smooth transition and maintains data integrity for existing implementations.

### 4. Attribute Configuration – New Capabilities

When adding or editing an **Additional Attribute**, the Admin can now define:

Configuration	Description
Attribute Name	Display name of the field
Data Type	NUMBER, STRING, DATE, BOOLEAN, etc.
Mandatory (Y/N)	Whether the field is compulsory
Regex	Pattern to validate user input applicable for STRING & NUMBER
Error Message	Message shown if validation fails

#### Example Configuration (Attribute Sheet / Tab)

```
[
  {
    "name": "attributename",
    "dataType": "NUMBER",
    "mandatory": "true",
    "regex": "",
    "errorMessage": "only testing error message"
  },
  {
    "name": "MobileNumber",
    "dataType": "NUMBER",
    "mandatory": "false",
    "regex": "",
    "errorMessage": "this is required 10 digit number"
  }
]
```

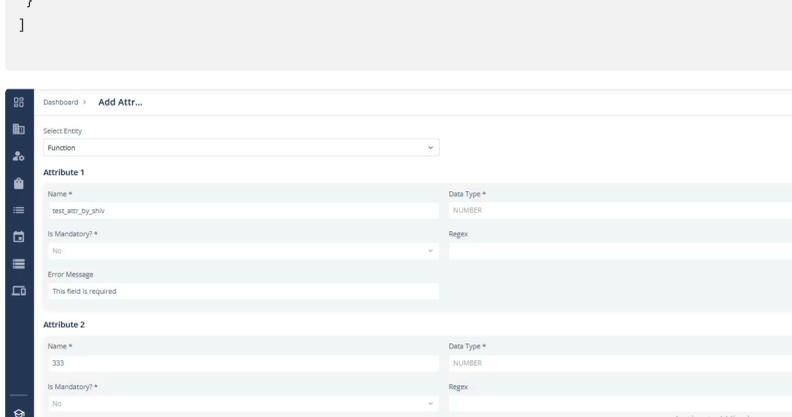


Fig 1: [Admin Portal – Attribute Configuration Screen Shows fields for data type, mandatory flag, regex, and error message.]

### 5. UI Validation Behavior

Once an attribute is configured:

- Mandatory attributes **must be filled**
- Input value must match:
  - Selected **data type**
  - Defined **regex pattern** (if any)
- If validation fails:
  - User sees the **configured error message**
  - Form cannot be submitted

This ensures **clean and consistent data entry** across the system.

### 6. Migration & Bulk Upload Changes (Important)

#### 6.1 Earlier Migration Format

Earlier:

- Only **one column** existed for attributes
- All attributes were passed as a JSON object in each row

#### 6.2 New Migration Format (After Enhancement)

Now:

- **Each attribute will have its own separate column**
- Column name format:

```
attribute_<fieldName>
```

Example:

```
attribute_zoneName
attribute_villageName
attribute_pinCode
```

Users must:

- Enter attribute values **directly in respective columns**
- Follow:
  - Mandatory rules
  - Data type rules
  - Regex validation

**Warning:** If validation has been enabled for a previously optional field. Existing data must be updated accordingly.

**Caching applied on :** Get Consent, send Notification, Get Lov Value, Get Product Variant, Execute BRE and Raise Event

### 7. Validation During Migration

During import:

- System validates:
  - Mandatory attributes
  - Data type correctness
  - Regex compliance
- If validation fails:
  - Row is rejected
  - Error message is shown in import logs

This ensures **data integrity** even during bulk operations.

### 8. Applicable Scope (High Level)

This enhancement applies only to **modules that support additional/dynamic attributes**. No changes are required for modules that use only static fields.

(Exact module names are intentionally not listed here to keep documentation simple.)

### 9. What Has Not Changed

- Existing module functionality remains unchanged
- No change in business logic (apart from validation)
- User roles and permissions remain the same
- Only **attribute handling and validation** are enhanced

### 10. Known Considerations & Best Practices

- Always review existing data before enabling **Mandatory = Yes**
- Test regex patterns carefully to avoid blocking valid inputs
- Update migration templates before bulk upload
- Inform business users about new mandatory fields

#### Quick Fixes and Common Questions

If you run into any problems with the new features, try these steps first:

- **Clear Your Browser Cache:** A full refresh of your browser (Ctrl+Shift+R or Cmd+Shift+R) can fix many display issues. It helps load the newest parts of the website instead of old cached versions.

#### Your Feedback Matters

We are committed to continuous improvement. Feedback on the new interface is highly valued and will drive future iterations.

- **Community Forum:** Post detailed suggestions and engage in discussion within the 'Vahana Community' tab.

Future updates will focus on making things faster, refining the design even more, and adding the features you ask for most.

## Conclusion

The **Attribute Enhancement** feature significantly improves data quality and consistency across the Admin Portal. By introducing mandatory rules, data types, and regex validation, administrators gain better control over dynamic fields while ensuring clean and validated data across UI and migration flows.

This enhancement strengthens the platform's reliability, scalability, and enterprise readiness.

#### Supported Build Versions

- **Workflow Manager:** 17.0.0-1.0.232
- **Admin Portal (Front End):** 18.0.0-1.0.266-production
- **Admin Portal (Back End):** 17.0.0-1.0.307
- **BFSI:** 17.0.0-1.0.218

[Need Help?](#)

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