Configuration User Guide

Oracle Banking Virtual Account Management

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Oracle Banking Virtual Account Management Configuration User Guide
Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India
Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

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Contents

Welcome to Configuration User Guide 4
External DDA System 4
External DDA System Summary 4
External DDA System Maintenance 4
Entity Mask Configuration 5
Entity Mask Configuration Summary 5
Entity Mask Configuration Maintenance 6
Branch Parameters 6
Branch Parameters Summary 6
Branch Parameters Maintenance 7
Bank Parameters 9
Bank Parameters Summary 9
Bank Parameters Maintenance 10
Reference and Feedback 13
References 13
Documentation Accessibility 13
Feedback and Support 13

Welcome to Configuration User Guide

This user guide is designed to help you quickly get acquainted with the many functions routinely executed everyday in Oracle Banking Virtual Account Management.

This section contains the following topics:

External DDA System	Entity Mask Configuration
Bank Parameters	Branch Parameters

External DDA System

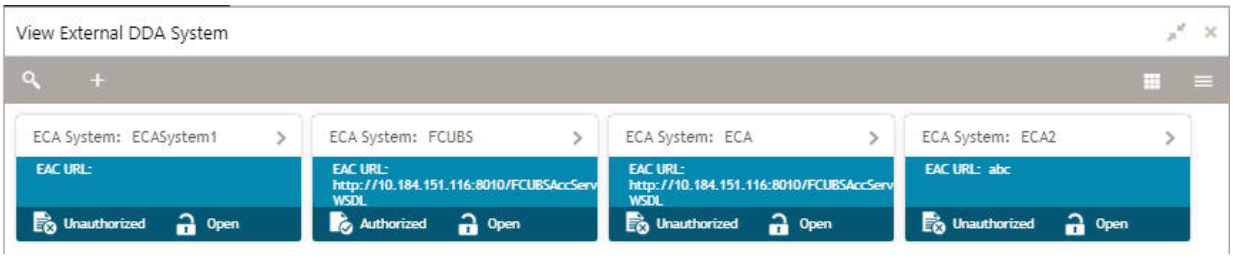
The transactions into virtual account through transaction journal service, results in posting entries to real account. The external DDA system interacts with the external DDA for posting entries and calling out other services on DDA.

External DDA System Summary

The summary screen provides a list of configured external DDA system. You can configure an external DDA system using the External DDA System Maintenance

How to reach here:

Virtual Account Management > Configuration > External DDA System > View External DDA System



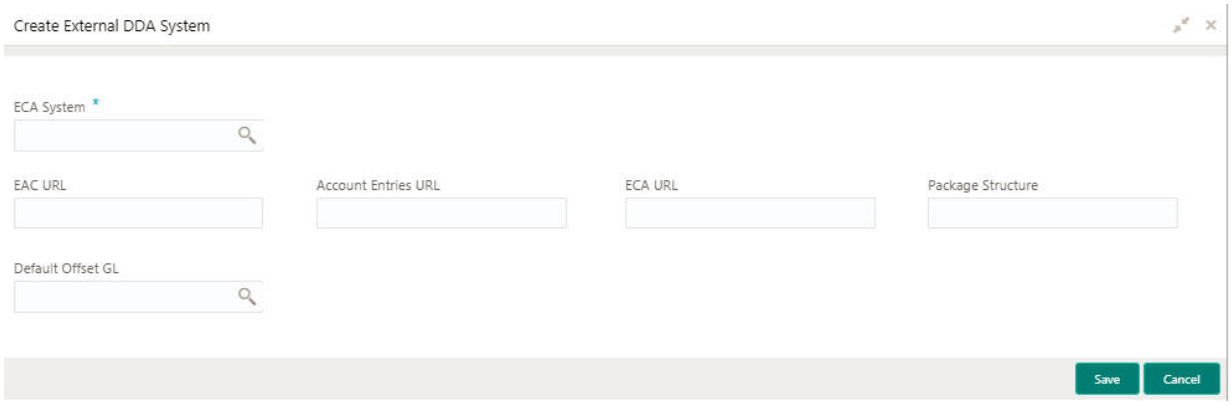
Field	Description
ECA System	Displays the ECA system details.
EAC URL	Displays the EAC URL details.
Status	Displays the status of the record.

External DDA System Maintenance

The maintenance screen allows you to configure an external DDA system.

How to reach here:

Virtual Account Management > Configuration > External DDA System > View External DDA System



How to configure an external DDA system:

1. In the **Create External DDA System** screen, provide the required details:
   - ECA System: Click **Search** to view and select the require ECA system.
   - EAC URL: Enter the EAC URL details.
   - Account Entries URL: Enter the account entries URL details.
   - ECA URL: Enter the ECA URL details.
   - Package Structure: Enter the package structure details.
   - Default Offset GL: Click **Search** to view and select the default offset GL.
2. Click **Save**. You can view the configured external DDA system details in the External DDA System Summary.

Entity Mask Configuration

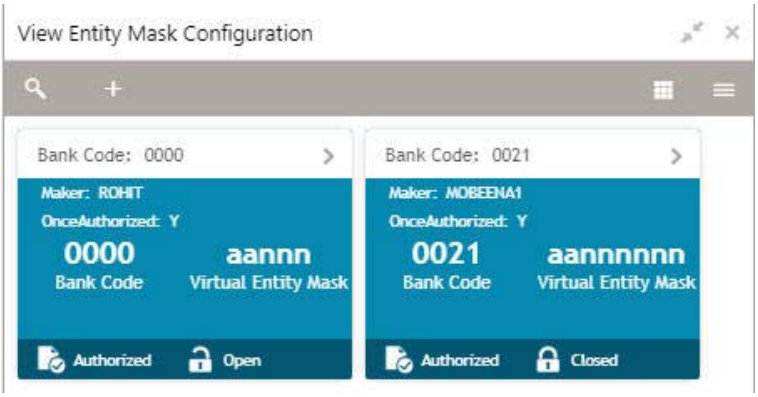
You can configure entity mask ID for a bank.

Entity Mask Configuration Summary

The summary screen provides a list of configured entity mask ID. You can configure entity mask ID using the Entity Mask Configuration Maintenance

How to reach here:

Virtual Account Management > Configuration > Entity Mask Configuration > View Entity Mask Configuration



Field	Description
Bank Code	Displays the code of the branch associated with the bank.

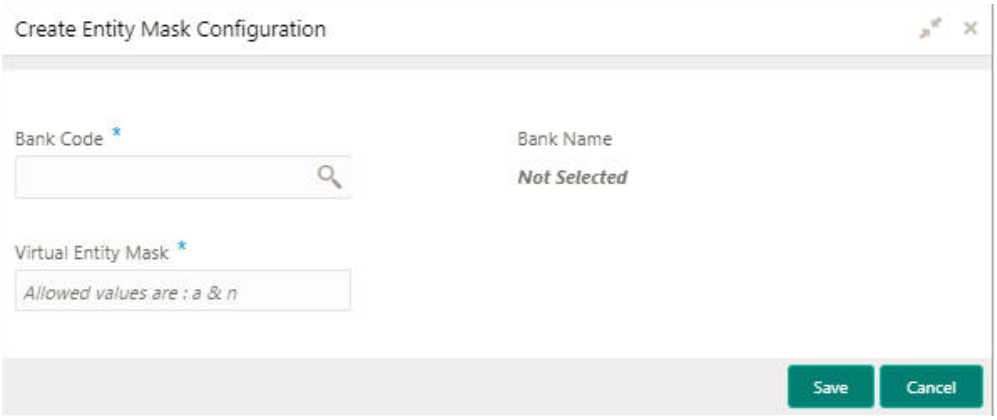
Field	Description
Maker	Displays the name of the user who has configured the bank details.
Once Authorized	Indicates if the record is authorized once or not.
Virtual Entity Mask	Displays the virtual entity mask details.
Status	Displays the status of the record.

Entity Mask Configuration Maintenance

The maintenance screen allows you to configure entity mask ID for a bank.

How to reach here:

Virtual Account Management > Configuration > Entity Mask Configuration > View Entity Mask Configuration



How to configure an entity mask:

1. In the **Create Entity Mask Configuration** screen, provide the required details:
   - Bank Code: Click **Search** to view and select the required bank code.
   - Bank Name: Based on the Bank Code selected, information is auto-populated.
   - Virtual Entity Mask: Enter the virtual entity mask. You can input a combination of alpha and/or numeric characters. You can enter up to a maximum of 12 characters. You can use the following identifiers to define the mask:
     – b: User input alpha characters
     – n: User input numbers
2. Click **Save**. You can view the configured entity mask details in the Entity Mask Configuration Summary.

Branch Parameters

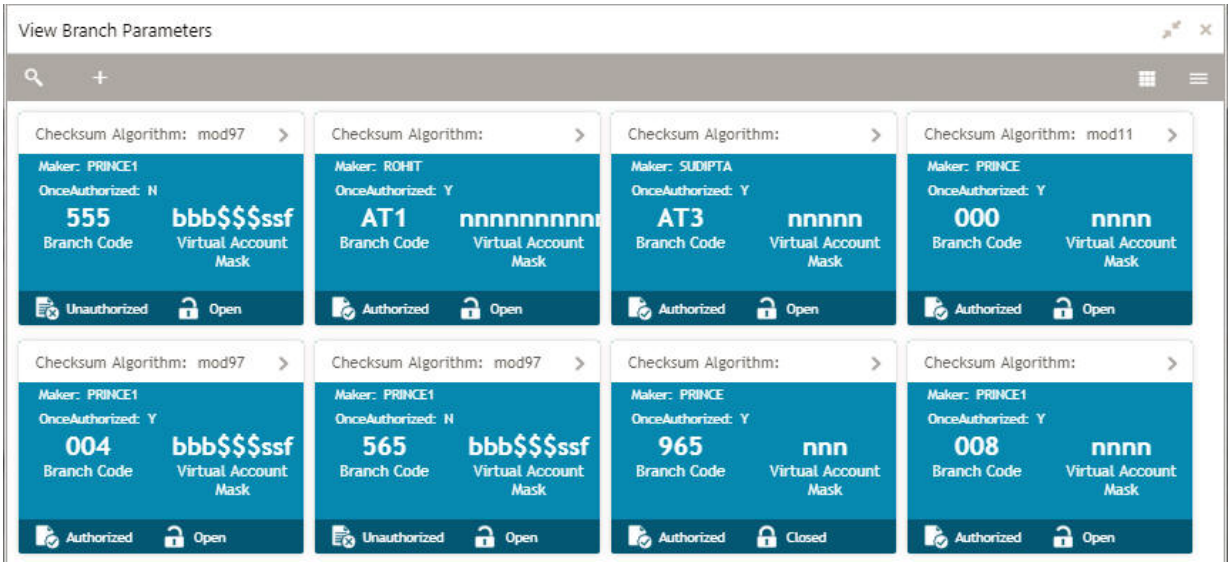
You can configure branch level parameters for a virtual account.

Branch Parameters Summary

The summary screen provides a list of configured branch parameters. You can configure a branch level parameter using the Branch Parameters Maintenance.

How to reach here:

Virtual Account Management > Configuration > Branch Parameters > View Branch Parameters



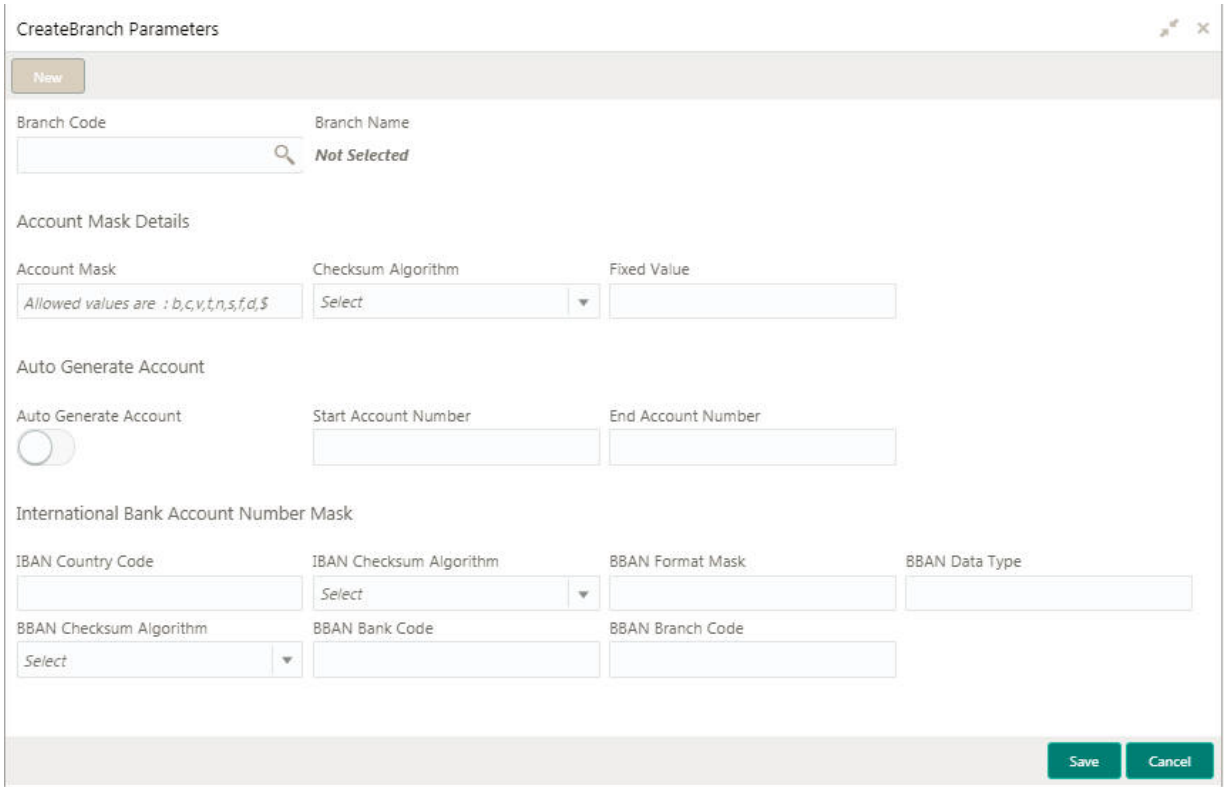
Field	Description
Checksum Algorithm	Displays the checksum algorithm of the bank.
Maker	Displays the name of the user who created the record.
Once Authorized	Indicates if the record is authorized once or not.
Bank Code	Displays the code of the branch associated with the bank.
Virtual Account Mask	Displays the virtual account mask details.
Status	Displays the status of the record.

Branch Parameters Maintenance

The maintenance screen allows you to configure branch level parameters.

How to reach here:

Virtual Account Management > Configuration >Branch Parameters > Create Branch Parameters



How to configure branch parameters:

1. In the **Create Branch Parameters** screen, provide the required details:
   - Branch Code: Click **Search** to view and select the required branch code.
   - Branch Name: Based on the Branch Code selected, information is auto-populated.

Account Mask Details

- Account Mask: Enter the account mask details.
- Checksum Algorithm: Select one of the required checksum algorithm from the dropdown list:
  - Modulo 97: If selected, can have only numeric account mask.
  - Modulo 10: If selected, can have mask of length 10.
  - Modulo 11: If selected, can have either numeric or alphanumeric account mask. In case of numeric, **D** is appended to the account mask by the system and in case of alpha numeric, user must manually input **D** at the end of the mask.
  - Modulo 11: With weights this can have mask with size not more than 13.
- Fixed Value: Enter a fixed value, if virtual account mask contains character **f**. This field supports maximum of one alphanumeric character.

Auto Generate Account

- Auto Generate Account: By default, this is disabled. If enabled, system automatically generates numeric account numbers based on the range provided.
- Start Account Number: Enter a start number for the account, if the auto generate account is enabled.
- End Account number: Enter an end number for the account, if the auto generate account is enabled.

International Bank Account Number Mask

- IBAN Country Code: Displays a system default country code of the branch. The system validates the country code is an ISO country code, the country code of the branch, and the length of the character is 2.
- IBAN Checksum Algorithm: Select the IBAN checksum algorithm from the dropdown list.

- BBAN Format Mask: Enter the BBAN format mask details. You can enter a maximum length of 30 characters. The mask must be one of the following characters:
  – b - BBAN Bank Code
  – s - BBAN Branch Code
  – z - Virtual Account Number
  – l - Virtual Account Number
  – d - BBAN Check Digit
  – i - Real Customer Number
  – h - 1, as there is no joint holder
  – t - Virtual Account Code
- BBAN Data Type: Enter the BBAN data type details. The list displays the following character set:
  – n- Number
  – a- Alphabet
  – c- Alphanumeric
- BBAN Checksum Algorithm: Select the BBAN checksum algorithm from the dropdown list.
- BBAN Bank Code: Enter the BBAN bank code details.
- BBAN Branch Code: Enter the BBAN branch code details.

2. Click **Save**. You can view all the configured branch parameters in the Branch Parameters Summary.

Bank Parameters

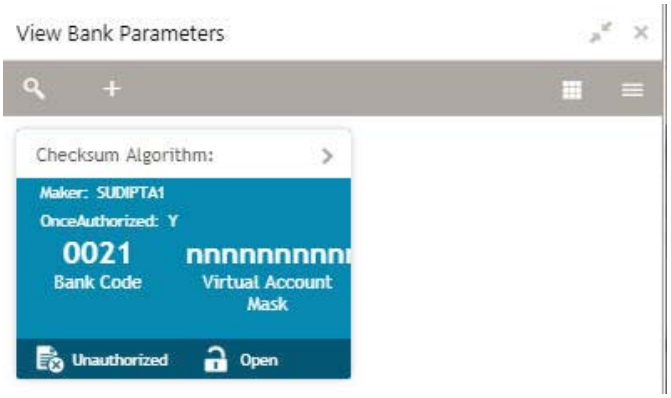
You can configure bank level parameters for a virtual account.

Bank Parameters Summary

The summary screen provides a list of configured bank parameters. You can configure a bank level parameter using the Bank Parameters Maintenance.

How to reach here:

Virtual Account Management > Configuration > Bank Parameters > View Bank Parameters



Field	Description
Checksum Algorithm	Displays the checksum algorithm of the bank.
Maker	Displays the name of the user who created the record.
Once Authorized	Indicates if the record is authorized once or not.

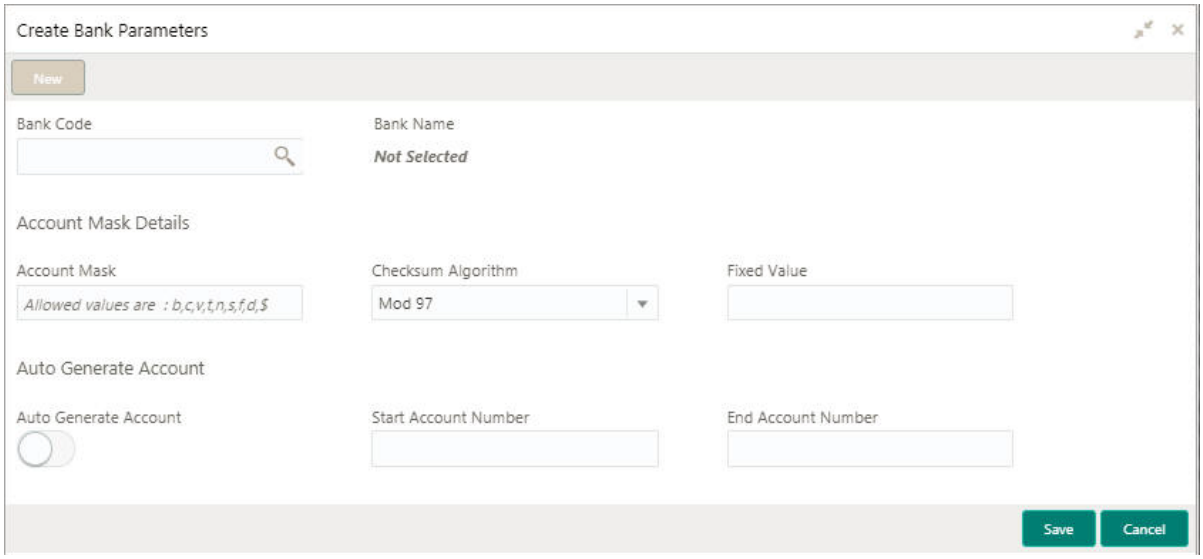
Field	Description
Bank Code	Displays the code of the branch associated with the bank.
Virtual Account Mask	Displays the virtual account mask details.
Status	Displays the status of the record.

Bank Parameters Maintenance

The maintenance screen allows you to configure bank level parameters.

How to reach here:

Virtual Account Management > Configuration > Bank Parameters > Create Bank Parameters



How to configure bank parameters:

1. In the **Create Bank Parameters** screen, provide the required details:
   - Bank Code: Click **Search** to view and select the required bank code.
   - Bank Name: Based on the Bank Name selected, information is auto-populated.

Account Mask Details

- Account Mask: Enter the account mask details.
- Checksum Algorithm: Select one of the required checksum algorithm from the dropdown list:
  - Modulo 97: This can have only numeric account mask.
  - Modulo 10: This can have mask of length 10.
  - Modulo 11: This can have either numeric or alphanumeric account mask. In case of numeric, **D** is appended to the account mask by the system and in case of alpha numeric, user must manually input **D** at the end of the mask.
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Auto Generate Account

- Auto Generate Account: By default, this is disabled. If enabled, system automatically generates numeric account numbers based on the range provided.

- Start Account Number: Enter a start number for the account, if the auto generate account is enabled.
- End Account number: Enter an end number for the account, if the auto generate account is enabled.

2. Click **Save**. You can view the configured bank parameters in the Bank Parameters Summary.

Index

B

Bank Parameters 9
- Bank Parameters Maintenance 10
- Bank Parameters Summary 9

Branch Parameters 6
- Branch Parameters Maintenance 7
- Branch Parameters Summary 6

E

Entity Mask Configuration 5
- Entity Mask Configuration Maintenance 6
- Entity Mask Configuration Summary 5

External DDA System 4
- External DDA System Maintenance 4
- External DDA System Summary 4

Reference and Feedback

References

For more information on any related features, you can refer to the following documents:

- Security Management System User Guide
- Common Core User Guide
- Oracle Banking Getting Started User Guide
- Oracle Banking Virtual Account Management Overview Guide
- Oracle Banking Virtual Account Management Installation Guides

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