

# Oracle® Banking Microservices Architecture API Security Guide



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# Preface

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## Purpose

This guide provides security-related usage and configuration recommendations for Oracle Banking Microservices Architecture. It also describes the procedures required to implement or secure certain features, but it is not a general-purpose configuration manual.

## Audience

This guide is primarily intended for IT department or administrators deploying Oracle Banking Microservices Architecture and third party or vendor software's. It includes the information related to IT decision makers and users of the application.



### Note:

Readers are expected to have basic operating system, network, and system administration skills with an awareness of vendor/third-party software's and knowledge of Oracle Banking Microservices Architecture application.

## Scope

### Read Sections Completely

Each section should be read and understood completely. Instructions should never be blindly applied. Relevant discussion may occur immediately after instructions for an action, so be sure to read whole sections before beginning implementation.

### Understand the Purpose of this Guidance

The purpose of the guidance is to provide security-relevant code and configuration recommendations.

## Limitations

This guide is limited in its scope to security-related guideline for developers.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Related Resources

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

- Oracle Banking Microservices Architecture Product's Installation Guides
- Oracle Banking Microservices Architecture Product's User Guides

## Conventions

The following text conventions are used in this document:

| Convention             | Meaning  |
|------------------------|--|
| <b>boldface</b>        | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.         |
| <i>italic</i>          | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.                          |
| <code>monospace</code> | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

# 1

## Securing API Services

This topic describes about Securing API Services.

Different applications deployed on disparate platforms and using different infrastructure need to be able to communicate and integrate seamlessly with Oracle Banking Microservices Architecture in order to exchange data. The Oracle Banking Microservices Architecture Service API Gateway cater to these integration needs.

The integration needs to be supported by the Gateway can be broadly categorized from the perspective of the Gateway as follows:

- **Inbound application integration:** It is used when any external system needs to add, modify or query information within Oracle Banking Microservices Architecture.
- **Outbound application integration:** It is used when any external system needs to be accessed for processing transactions within Oracle Banking Microservices Architecture.
- [API Security](#)  
This topic describes about the API Security.
- [List of Services](#)  
This topic information about the List of API Services.

### 1.1 API Security

This topic describes about the API Security.

The Oracle Banking Microservices Architecture application provides the API Layer (Service API Layer) which is used by external users to access the Oracle Banking Microservices Architecture functionality.

Access to this API layer is granted through Oracle Cloud Infrastructure Identity and Access Management (IAM).



#### Note:

Refer the **API to API Authentication** topic in **Getting Started with Oracle Banking Cloud Service** guide for more details on OAuth Token generation.

### 1.2 List of Services

This topic information about the List of API Services.

Refer to the **REST API Documentation** for the detailed inbound APIs.

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