

Oracle® Hospitality Self-Hosted Token Proxy Service Release Notes



Release 19.2
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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Preface

The Token Proxy Service (TPS) is a proxy interface for the hosted OPERA application. This proxy service only processes the token or PAN exchange.

This document describes the features and updates included in the Token Proxy Service release 19.2.

Purpose

These Release Notes provide a brief overview of additions, enhancements, and corrections implemented in this software release. Their intent is informative, not instructional. Review the Oracle Payment Interface product documentation, including technical and application advisories for previous versions, for detailed information on installation, upgrade, configuration, and general use.

Audience

This document is intended for end users and for system administrators installing the Token Proxy Service.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

<https://support.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at <http://docs.oracle.com/en/industries/hospitality/>.

Revision History

Table 1 Revision History

Date	Description of Change
July 2019	Initial Publication

Table 1 (Cont.) Revision History

Date	Description of Change
July 2020	Revised content across the entire document
March 2023	Updated content to confirm support of Oracle 19c database

1

Features

The Token Proxy Service is designed to provide a token exchange proxy service for hosted applications. It is a proxy interface that works with your application to communicate with payment service providers (PSP), on whom it relies to provide the actual token functionality. It connects to PSPs via internet or a virtual private network (VPN).

The Token Proxy Service 19.2 release includes the following product enhancements:

- A new UI for the token proxy service configuration portal with OJET to provide a better look and feel.
- The ability to support Tomcat in addition to the existing support for Weblogic.
- The ability to support MySQL 8.0 in addition to the existing support for the Oracle database.
- The ability to support Oracle RAC for high availability at the database level.
- The ability to support Windows 10 Professional 64 bit.
- The ability to support Windows server 2019.
- The ability to configure a connection time out to the PSP.
- A certificate management utility tool for easy setup of certificates.
- Removal of the Token Exchange Limit on how many cards can be sent in each transaction request to avoid potential conflict with the configuration on the OPERA side.
- TPS configuration data is General Data Protection Regulation compliant.

Using Token Proxy Service with Hosted OPERA

For hosted OPERA customers, the Token Proxy Service is mandatory for the OPI integration in the following situations:

- If the customer has online reservations coming to OPERA with credit card data.
- and/or if the customer has a need to tokenize their existing database as part of the move to the OPI solution.
- and/or if the customer needs to accept card data entry directly through the OPERA application.

The Token Proxy Service is not required if none of the above are needed.

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Recommended System Requirements

For more details, see [Oracle® Hospitality Self-Hosted Token Proxy Service Sizing Guide](#) on the [Oracle Help Center](#).

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Installation

Before installing the Token Proxy Service, verify your environment meets the following requirements:

- 64-bit host
- Windows Server 2008 R2, 2012 R2, 2016, 2019 and Windows 10
- You can install either Oracle or MySQL database:
 - Oracle 12c/19c database server installed and running, and the user understands how to use and configure Oracle DB.
 - MySQL 8.0 database is installed and running.
- WebLogic running to host the Web Portal, and the user understands how to use and configure WebLogic 12c. This is not required if you want to deploy TPS using Tomcat.
- An SMTP server exists for sending emails to users.
- JRE (Java Runtime Environment) 1.8. If Token Proxy Service is installed on the same host as WebLogic (which includes JDK), a separate JRE for Token Proxy Service is not required.

Note:

Token Proxy Service 19.2 has the following options for database and deployment:

- Supports Oracle12c/19c database and allows deployment of Token Proxy WebPortal on WebLogic.
- Supports Oracle12c/19c database and allows deployment of Token Proxy WebPortal on Tomcat.
- Supports MySQL database and allows deployment of Token Proxy WebPortal on Tomcat.

See **Oracle® Hospitality Self-Hosted Token Proxy Service Installation and Configuration Guide** on the Oracle Help Center for information.