Oracle® Hospitality OPERA IFC Controller

Information and Installation Guide

Release 5.0.03.42
March 2025

Oracle Hospitality OPERA IFC Controller Information and Installation Guide Release 5.0.03.42

Contents

Preface

This document describes how Hotel Property Interface (IFC8) works with OPERA Property Management System (PMS).

Purpose

This document includes the basic configuration of IFC8 to connect to a configured OPERA Property Interface. You must have a basic level of familiarity with OPERA, OPERA Property Interfaces, and the 3rd party vendors that utilize IFC8.

Audience

This document is intended for Oracle Hospitality members who need general information on the installation and functionality of Hotel Property Interfaces (IFC8) with OPERA PMS.

Customer Support

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

https://iccp.custhelp.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/

Table 1 Revision History

Date	Description
January 2019	• Initial publication March 2020
March 2020	• Update Hardware Sizing +Links June 2021
June 2021	• OPERA Cloud environment and OPERA 5 environment URL format examples added.

Date	Description
December 2021	• Added Microsoft Patch (KB2919355) for Windows Server 2012 R2 pg 13.
March 2025	• Added enhancement for Automatic Management of IFC user credentials. Note: This functionality is only available for environments with OPERA Cloud Identity Management for OPERA Cloud versions 25.1.x and higher.

1
IFC8 Overview

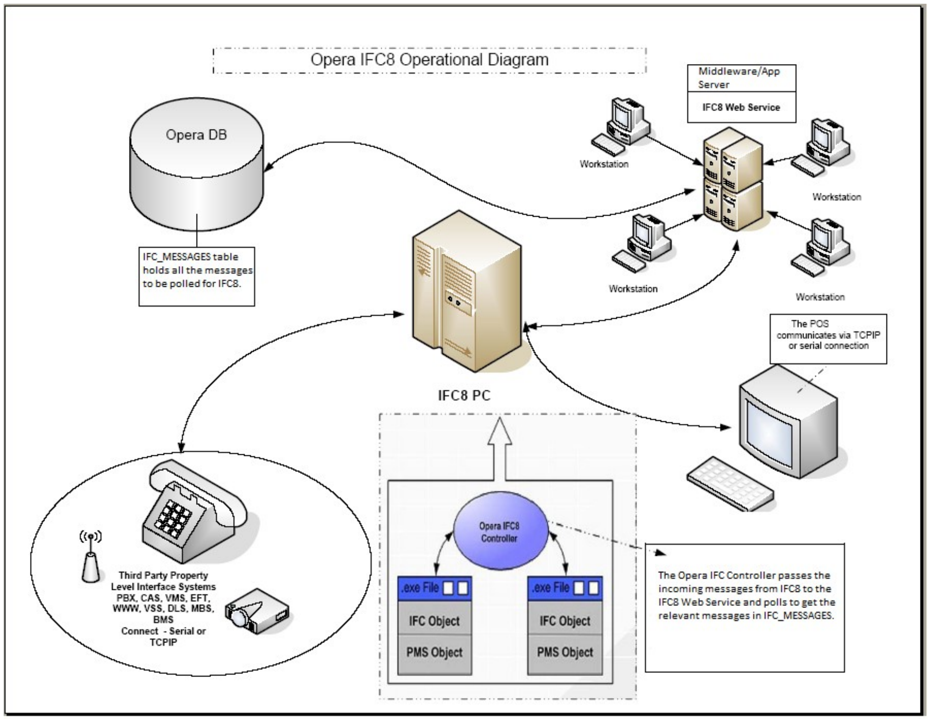
IFC8 Components

Hotel Property Interface (IFC8) with OPERA PMS contains three components: OPERA Interface web service, OPERA IFC Controller, and the IFC8 executable file.

OPERA Interface Web Service — this web service is installed as part of the standard OPERA Installation (For Example: Ifc8ws for v5, IFCInternalService for OPERA Cloud). It functions as a connection between the IFC Controller and OPERA Database.

OPERA IFC Controller — the OPERA IFC Controller is responsible for transferring XML messages from the IFC8.exe to the web service to be actioned in the database and polling the web service to get the queued messages from the database to be sent to IFC8.exe.

IFC8 Executable file — this program takes XML messages transferred to it from OPERA via the OPERA IFC Controller and translates them into messages that external systems can understand.


Opera IFC8 Operational Diagram
Opera DB
IFC_MESSAGES table holds all the messages to be polled for IFC8.
Middleware/App Server
IFC8 Web Service
Workstation
Workstation
Workstation
Workstation
The POS communicates via TCPIP or serial connection
IFC8 PC
Opera IFC8 Controller
.exe File
IFC Object
PMS Object
.exe File
IFC Object
PMS Object
The Opera IFC Controller passes the incoming messages from IFC8 to the IFC8 Web Service and polls to get the relevant messages in IFC_MESSAGES.
Third Party Property Level Interface Systems PBX, CAS, VMS, EFT, WWW, VSS, DLS, MBS, BMS
Connect - Serial or TCPIP

For the latest IFC8 component and OPERA IFC Controller, visit My Oracle Support (MOS) at *https://support.oracle.com/epmos/faces/Dashboard*. Navigate to the ‘Patches & Updates’ tab and search within the product field for the following:

- Oracle Hospitality Suite8 Property Interfaces
- Oracle Hospitality OPERA Property - Special Interfaces

2 Hardware and Operating System Considerations

The OPERA IFC Controller is a 32-bit Windows Service written in C# originally, within the .NET 2.0 framework. Latest versions (>5.03.00015) require .NET 4.5 or greater framework. Find the specific IFC8 version information in the Hotel Property Interface section on https://docs.oracle.com/en/industries/hospitality/hotels.html

Both programs are expected to be installed on a Windows (current Microsoft supported OS) machine at the customer site.

A rule of thumb concerning memory requirements for that Windows machine:

- 256 MB for the Windows OS.
- For the specific IFC8 version in use (Hotel Property Interface section on https://docs.oracle.com/en/industries/hospitality/hotels.html), see the Deployment Installation Guide for the memory requirements needed.
- Plus 100 MB for the OPERA IFC Controller.

3

Pre-Requisites (Shared Security Domain Environments Only)

OPERA V5 internal load balancer certificates are loaded into the SSD OSB keystore.

For step-by-step documentation for this pre-requisite, see *P00548 - OPERA 5.6.0 - SSD Integration – SSD Configuration on OPERA V5 Server - v1.1.docx*

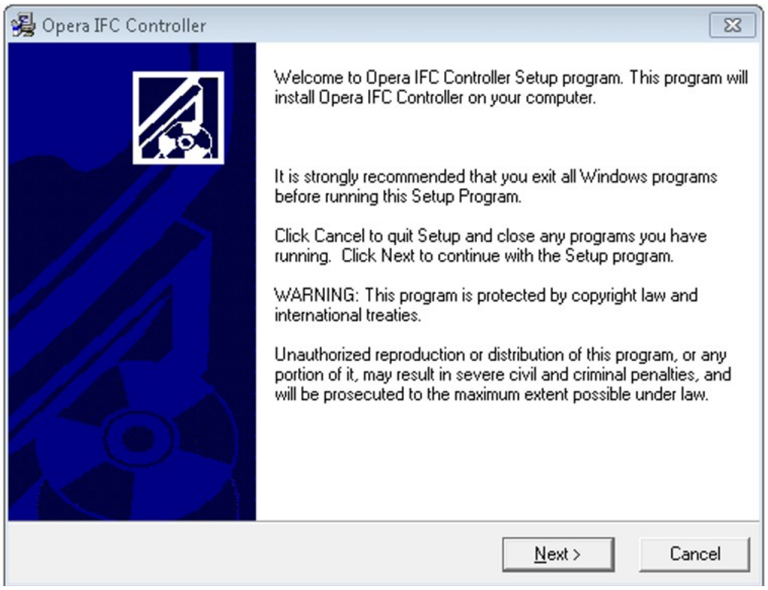
4
Installation of IFC Controller

1. Install the latest OPERA IFC Controller, Version 5.03.00016 or higher for OPERA 5 and TLS support; 5.03.00042 or higher for OPERA Cloud - .NET Framework 4.5 through 4.8.x is needed.

2. Run the OperaIFCController-Installer.exe as an Administrator. (This can be a new install or an upgrade to an existing Controller on the machine).

> **NOTE:**
>
> If the IFC controller is already installed, the exe requires time at startup to stop the Service.

3. Click **Next.**



Opera IFC Controller

Welcome to Opera IFC Controller Setup program. This program will install Opera IFC Controller on your computer.

It is strongly recommended that you exit all Windows programs before running this Setup Program.

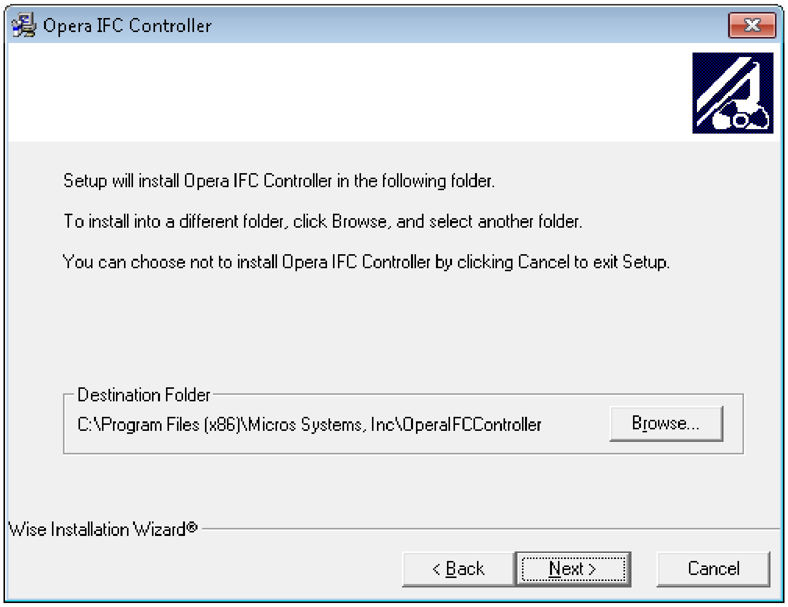
Click Cancel to quit Setup and close any programs you have running. Click Next to continue with the Setup program.

WARNING: This program is protected by copyright law and international treaties.

Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.

4. Choose the destination folder for the .exe and dlls to reside.

> **NOTE:**
>
> The default options can be used.



Setup will install Opera IFC Controller in the following folder.

To install into a different folder, click Browse, and select another folder.

You can choose not to install Opera IFC Controller by clicking Cancel to exit Setup.

Destination Folder

C:\Program Files (x86)\Micros Systems, Inc\OperaIFCController

5. Click **Next.**

   If there is an existing Controller, the fields populate with the current Registry settings found at **HKEY_LOCAL_MACHINE > Software- > Wow6432Node > Micros-Fidelio** > **OPERA IFC Controller**.

   For a new installation, enter the following fields:

- **Log Level**. This determines the granularity of the data logged by the controller. The recommended setting is 'Error'.
  - TRACE – Highest level of logging. Only set if instructed by Oracle Development for troubleshooting.
  - DEBUG – Logs all Messages, Warnings and Errors, plus communication messages. This is the common setting for troubleshooting an issue.
  - MESSAGE – Logs Error, Warning, and all messages from PMS.
  - WARNING – Logs Error and Warning messages.
  - ERROR – Logs Error messages and is the recommended setting.
- **Log Size.** The maximum size of a log file before it creates a new file (entry is in bytes, and the recommended setting is 1500000).
- **Log Purge**. The number of days to keep log files. At Controller startup, any logs earlier than this setting will be deleted.
- **Log Path**. The physical path where log files are generated. It is recommended that you route the Controller logs to the same directory structure as the interface logs for IFC8. Such as Instdrive, Fidelio, and IFC8. Ensure that the following three style files are copied to whatever location you store these files. (UP.gif, DOWN.gif, Log.xsl). These files are needed for viewing the logs. These files, by default, are extracted into the C:\Program Files\Micros Systems, Inc\OperaIFCController path by the installation wizard.
- Send Interval, Timeout, Max Retry, Retry Interval, Use Clob and the Send Cfg Xml are used for specific scenarios and can be kept at the default settings with install.

- **Send Interval**. Configurable value (in ms) for the interval between each message sent to IFC8. A default value of 50ms is used when nothing is set. This can alleviate a backup on the vendor side if they cannot process a single message in 50 ms, this can be set higher to allow more time between the messages the Controller sends in (like with the DB Swap messages).
- **Timeout.** This is the Time out value (seconds) for web service connections. If nothing is set then .NET uses the default value of 100 secs. This is sufficient for most cases. The only reason to set it would be to set it > 100 seconds when dealing with a very slow system. (For example: Web service returning responses after 100 secs.) In reality this should not occur or there would be serious performance issues in OPERA in general.
- **Use Clob.** It is used when a LinkPmsConf has to support 32K or higher in size.The Default setting of N would suffice in the majority of installs.
- **OPERA V5, OPERA App Server Name or IP Address**. The URL to connect to the OPERA IFC web service on the Application, Load Balance, or OHS machine. Only the computer name should be entered. The exe will automatically add the full path.
  - For OPERA v5
  - Syntax: https://<Application Server Name>/Operajserv/Ifc8ws/Ifc8ws Example: https://demoenv.com/Operajserv/Ifc8ws/Ifc8ws
  - OPERA Cloud, the OSB Server Name is entered. Installer must edit the Registry setting (OperaIfcWS) after the install completes for the correct path used with the OPERA Cloud web service. This could be the OHS server name or OSB server name depending on the environment. For Example: https://OSBSERVER_Name/OPERA9OSB/opera/OperaIFCServices/IFCInternalService or https://OHSSERVER_Name/OPERA9OSB/opera/OperaIFCServices/IFCInternalService

    > **NOTE:**
    >
    > This assumes the implementation of the *OPERA Services Deployment Guide* as per standard OPERA installation of the web services used with the Hotel Property Interfaces.

  - Shared Security Domain (SSD, the Installer must edit the Registry settings for OperaIfcWS after the install completes for the correct path used with SSD OSB web services. SSD uses a load balancer for the OSB Server.

    Example:

    https://OSBLOADBL_SERVER/OPERAOSB/OPERA_IFC8/opera/IFC8/IFCInternalService

    For GBUCS2.0 and GBUCS3.0, a dedicated OHS server is built to handle IFC traffic. New URLs with OHS will appear in the following format:

    For the OPERA Cloud environment:

    https://OHSLOADBL_SERVER/OPERAWS/opera/Auth/OperaIFCServices/IFCInternalService

    For the OPERA 5 environment:

https://OHSLOADBL_SERVER/Operajserv/Auth/Ifc8ws/IFCInternalService

> **NOTE:**
>
> Registry settings can be found at - HKEY_LOCAL_MACHINE->Software->Wow6432Node (when on a 64-bit machine)->Micros-Fidelio->OPERA IFC Controller.

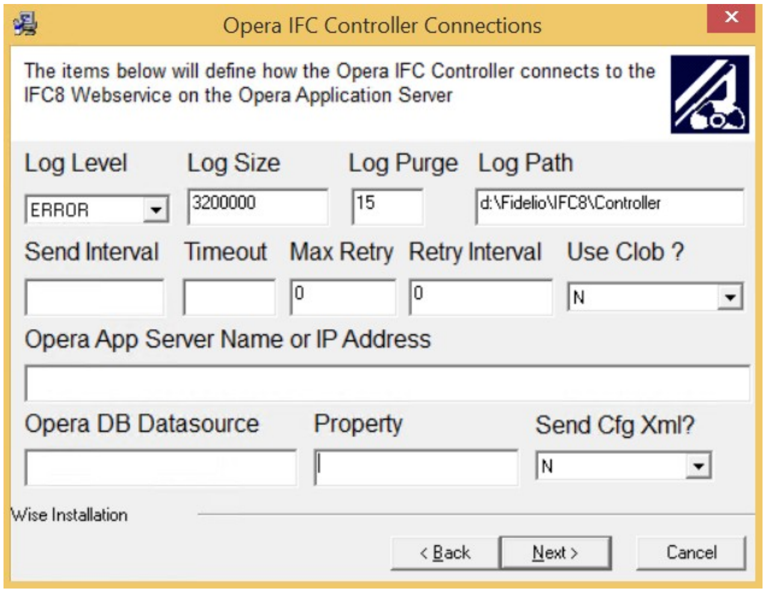
- OPERA DB Datasource is the connection string to the database. This is only needed for the on-premises and hosted version 5 installs.

> **NOTE:**
>
> In the case of an OPERA Cloud installation, this variable can be kept with the default value.

The format will always be as follows: jdbc/<schema_name>>database SID>ds
Example: jdbc/operaoperads

You can run this SQL Statement to retrieve that connection string: select java_util.get_jndi_connection from dual;

- **Property**: (Hotel Code/Resort) Enter the property that will be running IFC. This is used to initialize any properties in this chain. This variable should be entered in all caps.
- **Send Cfg Xml** This is used to allow the Controller to send the existing config.xml to OPERA when IFC8 is started. The recommended setting is the default of N.



Opera IFC Controller Connections

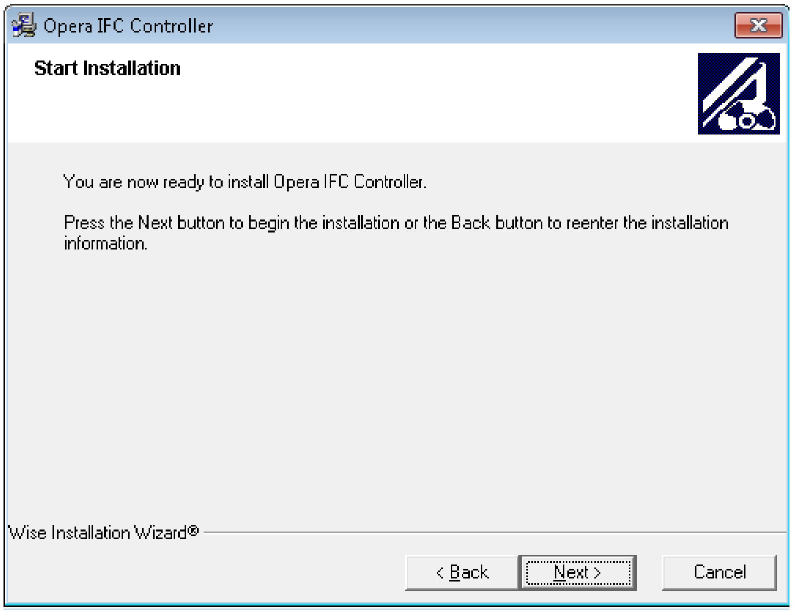
The items below will define how the Opera IFC Controller connects to the IFC8 Webservice on the Opera Application Server

Log Level	Log Size	Log Purge	Log Path	
ERROR	3200000	15	d:\Fidelio\IFC8\Controller	
Send Interval	Timeout	Max Retry	Retry Interval	Use Clob ?
		0	0	N

Opera App Server Name or IP Address

Opera DB Datasource	Property	Send Cfg Xml?
		N

6. Click **Next.**
7. Click **Next** again.



You are now ready to install Opera IFC Controller.

Press the Next button to begin the installation or the Back button to reenter the installation information.

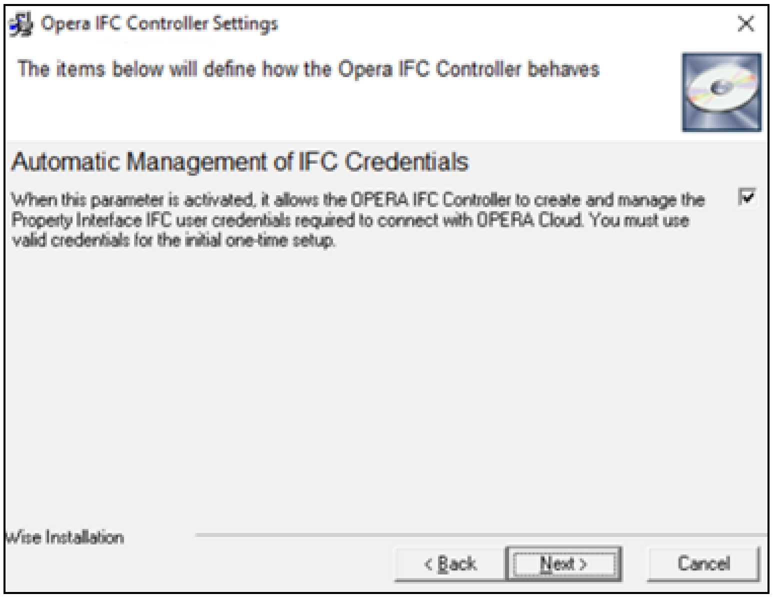
8. The IFC Controller now includes a checkbox to activate the parameter - Automatic Management of IFC Credentials.

About the feature

When selected, this feature allows the OPERA IFC Controller to automatically create and manage the required Property Interface IFC User Credentials for connecting with OPERA Cloud through automatic password rotation. Automatic password rotation is an automated process where system-generated passwords are periodically changed without manual intervention. This practice enhances security by ensuring that passwords are regularly updated, reducing the risk of unauthorized access. With this feature enabled, you do not need to manually reset the password for any IFC users.

Key Considerations

- This is a one-time only activation step during the IFC Controller installation.
- Valid user credentials must be entered during the initial one-time setup.
- If the checkbox is not selected during installation, the feature will remain disabled. This implies that the IFC Controller will not automatically manage the user credentials for you. Therefore, you will need to manually reset the user passwords in OPERA Cloud Role Manager when they expire.
- If the checkbox wasn't selected during the original installation and you need to enable the feature, you must reinstall the IFC Controller and check the **Automatic Management of IFC Credentials** check box.



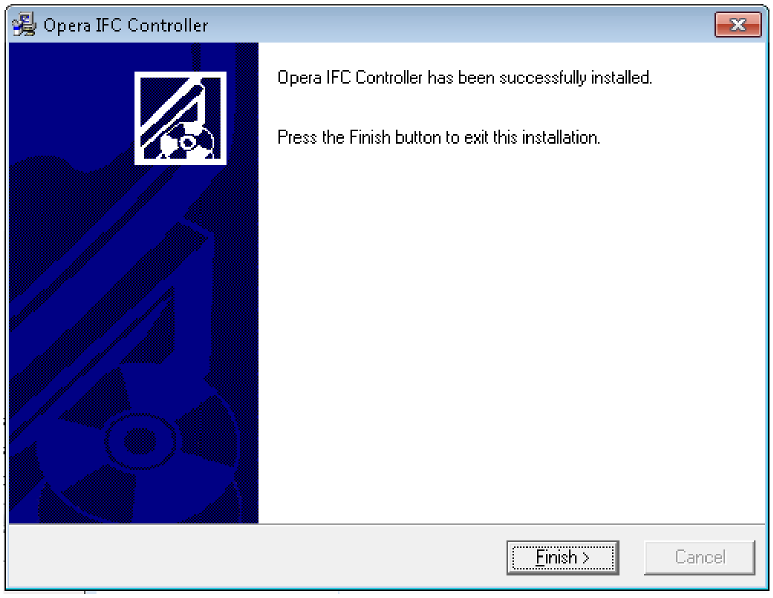
Opera IFC Controller Settings
The items below will define how the Opera IFC Controller behaves

Automatic Management of IFC Credentials

When this parameter is activated, it allows the OPERA IFC Controller to create and manage the Property Interface IFC user credentials required to connect with OPERA Cloud. You must use valid credentials for the initial one-time setup. ☑

Wise Installation
< Back
Next >
Cancel

9. When installation is complete, click **Finish**.

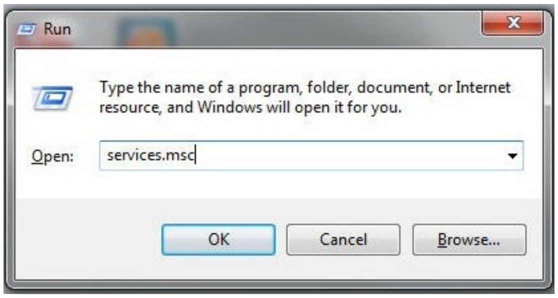


Opera IFC Controller has been successfully installed.

Press the Finish button to exit this installation.

Verify the Service is Running

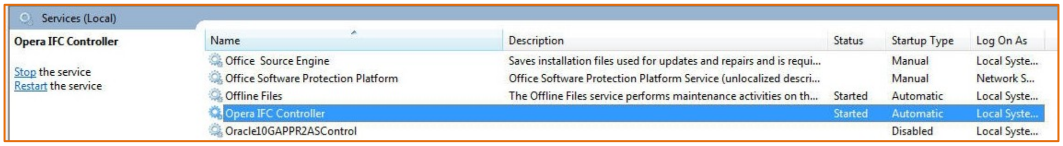
1. Navigate to the Run command and enter services.msc



Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.

Open: services.msc

2. The windows services window opens. Select the Service **OPERA IFC Controller**. Under status, the OPERA IFC Controller should be started.



Opera IFC Controller

Stop the service
Restart the service

Name	Description	Status	Startup Type	Log On As
Office Source Engine	Saves installation files used for updates and repairs and is requi...		Manual	Local Syste...
Office Software Protection Platform	Office Software Protection Platform Service (unlocalized descri...		Manual	Network S...
Offline Files	The Offline Files service performs maintenance activities on th...	Started	Automatic	Local Syste...
Opera IFC Controller		Started	Automatic	Local Syste...
Oracle10GAPPR2ASControl			Disabled	Local Syste...

NOTE:

Refer to the above to modify registry settings as needed based on the specific deployment.

5

Shared Domain Security Services Environment

To learn more about configuring interface users and roles for the environments protected by Shared Security Domain services, visit My Oracle Support using the Doc ID 2329730.1. It covers the following areas:

- The Cutover process to a Shared Security Domain Services environment and describes the required actions for each day in the cutover process prior to onboarding tenants to the new environment.
- How to create OPERA users as an Organization Admin using the Shared Security Domain Services.
- How to create an interface user in Oracle Identity Management (OIM) for the Shared Security Domain Services environment.
- How to reset an interface user's password in Oracle Identity Management (OIM) for the Shared Security Domain Services environment.

6 OPERA Cloud Security Non-SSD Services Enabled Environment

For OPERA Cloud, additional credentials are needed that will be passed from the Controller to the web service endpoint to validate authorization of the use of the service. A user and password must be configured in Role Management for the Service Account or user being utilized for this purpose.

Adding Service Accounts

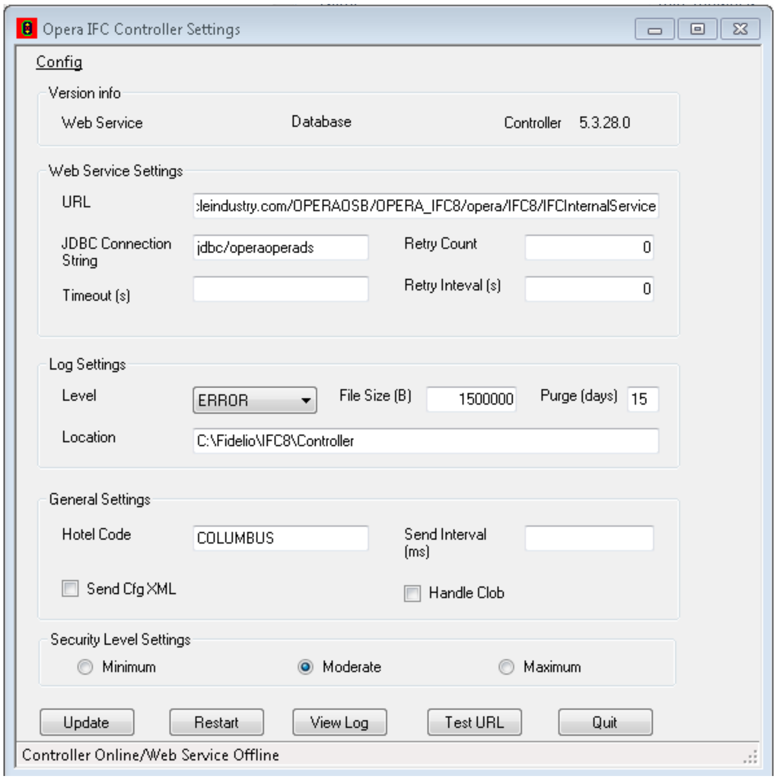
User logging in to OPERA Cloud’s Role Manager must have a WS-ACCESS role or a role that has one of the following tasks added: Manage Users/New/Edit Users/Show All Users. Create a new service account with a password if one does not exist.

7

Configuring IFC Controller for OPERA Cloud and OPERA Cloud Identity Management Services Enabled Environments

To configure the IFC Controller for OPERA Cloud or OPERA Cloud Identity Management Services Enabled Environments:

1. Run the OperaControllerExe.exe as Administrator to add/change the username and password. This data is stored in encrypted format.



Opera IFC Controller Settings

Config

Version info

Web Service

Database

Controller 5.3.28.0

Web Service Settings

URL :leindustry.com/OPERAOSB/OPERA_IFC8/opera/IFC8/IFCInternalService

JDBC Connection String jdbc/operaoperads

Retry Count 0

Timeout (s)

Retry Inteval (s) 0

Log Settings

Level ERROR

File Size (B) 1500000

Purge (days) 15

Location C:\Fidelio\IFC8\Controller

General Settings

Hotel Code COLUMBUS

Send Interval (ms)

□ Send Cfg XML

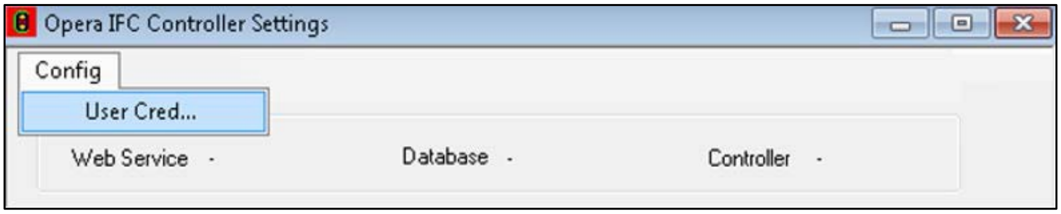
□ Handle Clob

Security Level Settings

○ Minimum ● Moderate ○ Maximum

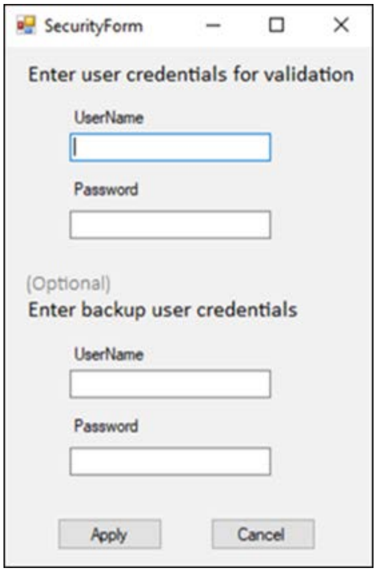
Controller Online/Web Service Offline

2. Go to Config > User Credentials.



Enter any previously used **UserName** and **Password** credentials from the OPERA Cloud Role Manager. These credentials will act as the primary user credentials. Please refer to the OPERA Cloud user guide here for instructions on accessing the IFC user credentials in the OPERA Cloud Role Manager.

You have an optional step to enter a second set of credentials which will act as the backup credentials. Enter any existing **UserName** and **Password** credentials from the OPERA Cloud Role Manager to serve as the backup credentials. Please ensure that these credentials are different from the primary credentials provided above. If the second set of credentials is not provided, a backup user will be created automatically.


SecurityForm
Enter user credentials for validation
UserName
Password
(Optional)
Enter backup user credentials
UserName
Password
Apply
Cancel

If the **Automatic Management of IFC Credentials** feature was enabled during installation, the IFC Controller will automatically manage the IFC user credentials through the automatic rotation of the primary and backup credentials. With this feature enabled, resetting IFC user passwords is no longer required.

Key Considerations

- If the second set of credentials is not provided, a backup user will be created automatically.
- When the primary user's password is set to expire within 35 days, the IFC controller automatically resets it. Backup credentials are used until the primary credentials are updated.
- The IFC controller performs a password expiry check daily at 2 AM machine time.

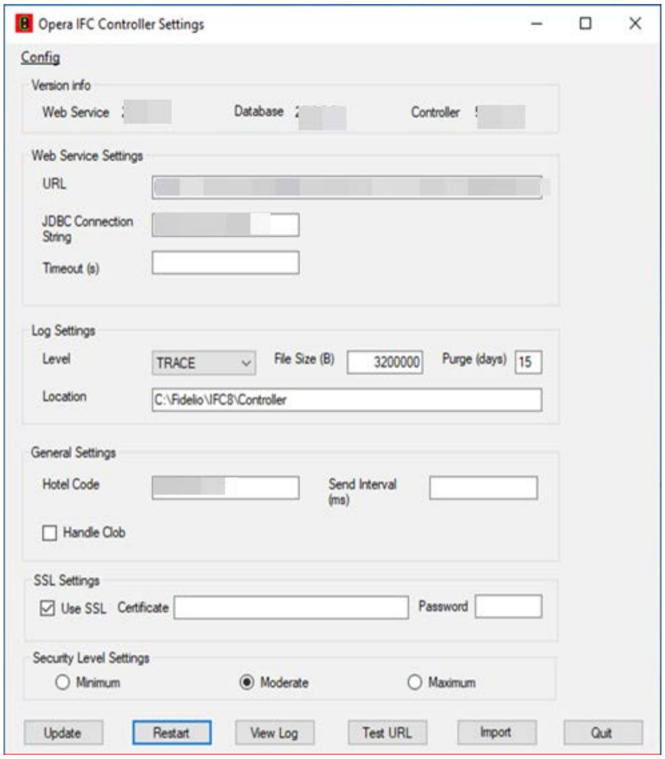
3. Click **Apply**.

   Any existing data will be overwritten.

NOTE:

This cannot be used to view existing credentials.

4. Restart the controller for the changes to be applied.



Opera IFC Controller Settings

Config

Version info

Web Service [redacted] Database [redacted] Controller [redacted]

Web Service Settings

URL [redacted]

JDBC Connection String [redacted]

Timeout (s)

Log Settings

Level: TRACE

File Size (B): 3200000

Purge (days): 15

Location: C:\Fidelio\IFC8\Controller

General Settings

Hotel Code [redacted]

Send Interval (ms)

□ Handle Clob

SSL Settings

☑ Use SSL

Certificate

Password

Security Level Settings

○ Minimum ● Moderate ○ Maximum

NOTE:

The Security Level Settings configuration is the security level expected for the communication between the IFC Controller and the OPERA web service. This will default to Moderate with the install.

Minimum Security Level will enable up to TLS 1.1 communication protocol. OPERA does not recommend the use of this setting.

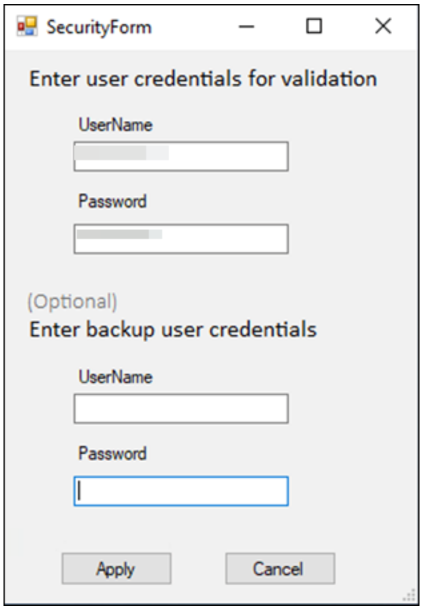
Moderate Security Level enables the use of the TLS 1.2 protocol but does not specify which ciphers or hashes are whitelisted or blacklisted, so the operating system defaults are used.

Maximum Security Level enables the use of the TLS 1.2 protocol and inserts Cipher and Hash subkeys in the OS Registry Editor to ensure the cipher set used by the Controller matches what OHS (used by OPERA Application Servers for IFC web services) allows.

Automatic Management of IFC Credentials feature

Entering only the Primary user

If backup user credentials are not provided, the IFC Controller will automatically create a backup user. The IFC Controller will also create a separate primary user in the background for password rotation purposes.



Enter user credentials for validation

UserName [redacted]

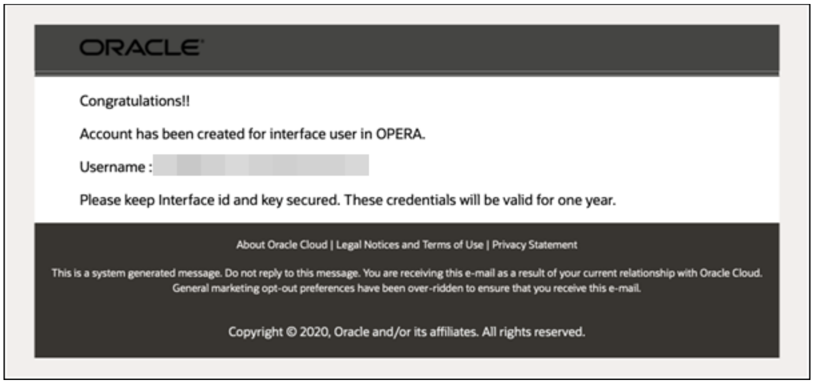
Password [redacted]

(Optional)
Enter backup user credentials

UserName

Password

An email notification from Oracle <no-reply@operahospitality.com> will inform you of the creation of the primary and backup users.



Congratulations!!

Account has been created for interface user in OPERA.

Username : [redacted]

Please keep Interface id and key secured. These credentials will be valid for one year.

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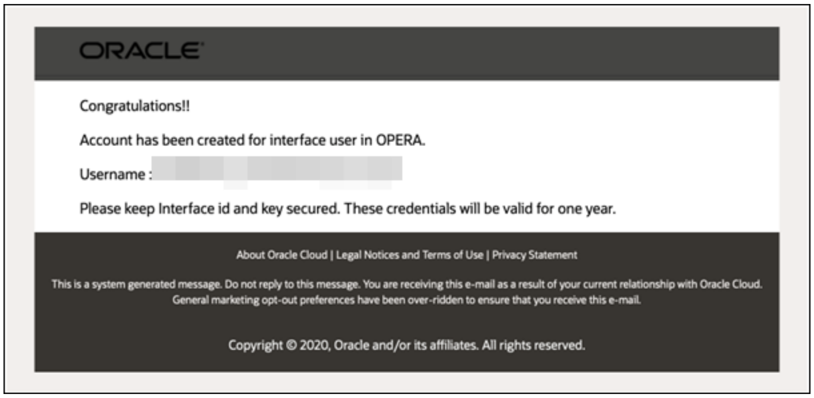

ORACLE

Congratulations!!

Account has been created for interface user in OPERA.

Username : [redacted]

Please keep Interface id and key secured. These credentials will be valid for one year.

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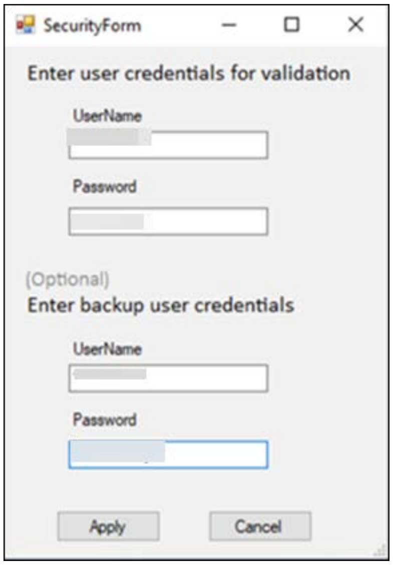
When the primary user’s password is set to expire within 35 days, the IFC Controller automatically resets it. During this time, backup credentials are used until the primary credentials are updated.

Entering both Primary and Backup users

You can choose to enter both the primary and backup user credentials. In this scenario, the IFC Controller will create separate primary and backup users in the background for password rotation purposes.



SecurityForm

Enter user credentials for validation

UserName [redacted]

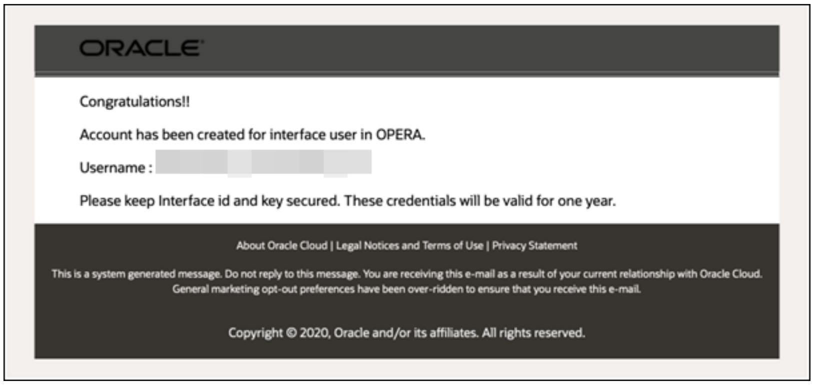
Password [redacted]

(Optional)
Enter backup user credentials

UserName [redacted]

Password [redacted]

An email notification from Oracle <no-reply@operahospitality.com> will inform you of the creation of the primary and backup users.



Congratulations!!

Account has been created for interface user in OPERA.

Username : [redacted]

Please keep Interface id and key secured. These credentials will be valid for one year.

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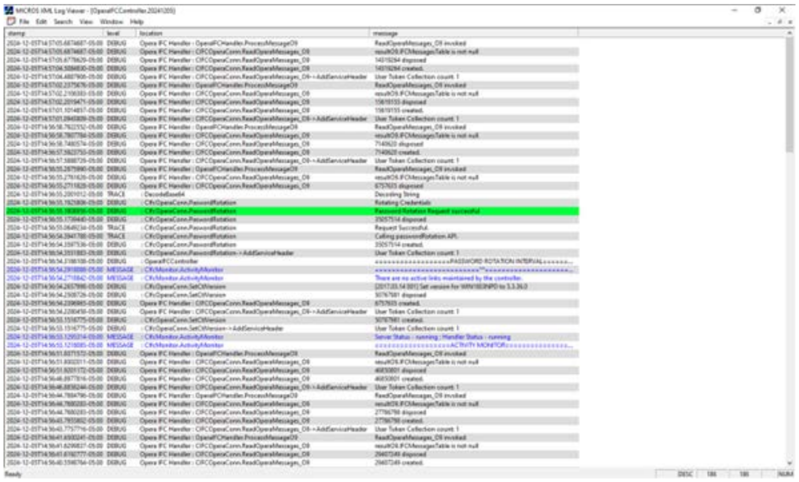
When the primary user's password is set to expire within 35 days, the IFC Controller automatically resets it. Until the primary credentials are updated, the backup user credentials are utilized.

Handling User Lockout Due to Incorrect Password Attempts

If the user is locked due to multiple incorrect password attempts, the credentials must be manually reset in the **Role Manager**. Please refer to the OPERA Cloud user guide here for instructions on accessing the IFC user credentials in the OPERA Cloud Role Manager.

Reviewing Password Rotation in Logs

- To verify if the password rotation request was successful, review the IFC Controller logs.
- Look for the log entry **“Password Rotation Request Successful”** to confirm a successful password rotation.



```
stamp                                       level    location                                                             message
2024-12-05T14:57:05.[illegible]-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                 ReadOperaMessages_O9 invoked
2024-12-05T14:57:05.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               resultOS.IFCMessagesTable is not null
2024-12-05T14:57:05.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               14019294 disposed
2024-12-05T14:57:04.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               14019294 created.
2024-12-05T14:57:04.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader   User Token Collection count: 1
2024-12-05T14:57:02.[illegible]-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                 ReadOperaMessages_O9 invoked
2024-12-05T14:57:02.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               resultOS.IFCMessagesTable is not null
2024-12-05T14:57:02.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               15619155 disposed
2024-12-05T14:57:01.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               15619155 created.
2024-12-05T14:57:01.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader   User Token Collection count: 1
2024-12-05T14:56:58.[illegible]-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                 ReadOperaMessages_O9 invoked
2024-12-05T14:56:58.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               resultOS.IFCMessagesTable is not null
2024-12-05T14:56:58.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               7140620 disposed
2024-12-05T14:56:57.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               7140620 created.
2024-12-05T14:56:57.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader   User Token Collection count: 1
2024-12-05T14:56:55.[illegible]-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                 ReadOperaMessages_O9 invoked
2024-12-05T14:56:55.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               resultOS.IFCMessagesTable is not null
2024-12-05T14:56:55.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               6757603 disposed
2024-12-05T14:56:55.[illegible]-05:00   TRACE      : DecodeBase64                                                     Decoding String
2024-12-05T14:56:55.[illegible]-05:00   DEBUG      : CIfcOperaConn.PasswordRotation                                   Rotating Credentials
2024-12-05T14:56:55.[illegible]-05:00   DEBUG      : CIfcOperaConn.PasswordRotation                                   Password Rotation Request successful
2024-12-05T14:56:55.[illegible]-05:00   DEBUG      : CIfcOperaConn.PasswordRotation                                   35057514 disposed
2024-12-05T14:56:55.[illegible]-05:00   TRACE      : CIfcOperaConn.PasswordRotation                                   Request Successful.
2024-12-05T14:56:54.[illegible]-05:00   TRACE      : CIfcOperaConn.PasswordRotation                                   Calling passwordRotation API.
2024-12-05T14:56:54.[illegible]-05:00   DEBUG      : CIfcOperaConn.PasswordRotation                                   35057514 created.
2024-12-05T14:56:54.[illegible]-05:00   DEBUG      : CIfcOperaConn.PasswordRotation->AddServiceHeader                 User Token Collection count: 1
2024-12-05T14:56:54.[illegible]-05:00   DEBUG      : OperaIFCController                                               ================PASSWORD ROTATION INTERVAL=====...
2024-12-05T14:56:54.[illegible]-05:00   MESSAGE    : CIfcMonitor.ActivityMonitor                                      ========================***===================...
2024-12-05T14:56:54.[illegible]-05:00   MESSAGE    : CIfcMonitor.ActivityMonitor                                      There are no active links maintained by the controller.
2024-12-05T14:56:54.[illegible]-05:00   DEBUG      : CIfcOperaConn.SetCIVersion                                       [2017.03.14 001] Set version for WIN1803NPD to 3.3.26.0
2024-12-05T14:56:54.[illegible]-05:00   DEBUG      : CIfcOperaConn.SetCIVersion                                       50767581 disposed
2024-12-05T14:56:54.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               6757603 created.
2024-12-05T14:56:54.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader   User Token Collection count: 1
2024-12-05T14:56:53.[illegible]-05:00   DEBUG      : CIfcOperaConn.SetCIVersion                                       50767581 created.
2024-12-05T14:56:53.[illegible]-05:00   DEBUG      : CIfcOperaConn.SetCIVersion->AddServiceHeader                     User Token Collection count: 1
2024-12-05T14:56:53.[illegible]-05:00   MESSAGE    : CIfcMonitor.ActivityMonitor                                      Server Status : running ; Handler Status : running
2024-12-05T14:56:53.[illegible]-05:00   MESSAGE    : CIfcMonitor.ActivityMonitor                                      ==================ACTIVITY MONITOR==============...
2024-12-05T14:56:51.[illegible]-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                 ReadOperaMessages_O9 invoked
2024-12-05T14:56:51.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               resultOS.IFCMessagesTable is not null
2024-12-05T14:56:51.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               46850801 disposed
2024-12-05T14:56:48.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               46850801 created.
2024-12-05T14:56:48.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader   User Token Collection count: 1
2024-12-05T14:56:44.[illegible]-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                 ReadOperaMessages_O9 invoked
2024-12-05T14:56:44.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               resultOS.IFCMessagesTable is not null
2024-12-05T14:56:44.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               27786798 disposed
2024-12-05T14:56:43.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               27786798 created.
2024-12-05T14:56:43.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader   User Token Collection count: 1
2024-12-05T14:56:41.[illegible]-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                 ReadOperaMessages_O9 invoked
2024-12-05T14:56:41.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               resultOS.IFCMessagesTable is not null
2024-12-05T14:56:41.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               29407249 disposed
2024-12-05T14:56:40.[illegible]-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9               29407249 created.
```

For Windows Server 2012 R2 install the following Microsoft Patch (KB2919355) and the latest available Windows security patches to support approved Ciphers (e.g. TLS_DHE_RSA_WITH_AES_128_GCM_SHA256, TLS_DHE_RSA_WITH_AES_256_GCM_SHA384)

https://www.microsoft.com/en-us/download/details.aspx?id=42334

If other settings were changed, use the Update button to implement those changes. The Restart button can be used to conduct a quick restart of the Opera IFC Controller Service. The View Log and the Test URL buttons should not be used (improvements are forthcoming for these buttons).

Quit or X out of the window.

8

OPERA IFC Controller Troubleshooting

Troubleshooting of OPERA IFC Controller can be reviewed with the error messages found in the IFC Controller Log file found at the path defined with install.

Some common error scenarios and the error that may be seen:

When there is an incorrect server name or URL endpoint provided for the Controller connection to OPERA. (see Chapter 4, Part 5, point 6 for configuration of endpoint)

```
WARNING : CIfcOperaConn.CheckWebService          System.Net.WebException:
The  remote name could not be resolved: 'appserverorOSB.us.hoteltest.com'

at   System.Net.HttpWebRequest.GetRequestStream(TransportContext&   context)  at
System.Net.HttpWebRequest.GetRequestStream()

at   System.Web.Services.Protocols.SoapHttpClientProtocol.Invoke(String    methodName,
Object[] parameters)

at IFCProcessor.ifc8WS.Ifc8ws.getGenericMsg(String inConnectStr, String inResort,
String inProcedure, String inParam1, String inParam2, String inParam3, String inParam4,
String inParam5, String inParam6)

at    IFCProcessor.CIfcOperaConn.CheckWebService()
```

With the OPERA Cloud web service in use, and there is no username/pwd or incorrect username/pwd configured for the Controller. (see Chapter 7 for User Credentials)

```
ERROR Opera IFC Controller : CIfcOperaConn.CheckWebService      Soap
exception

:  FAULT CODE - Server; SOURCE - System.Web.Services; MESSAGE - OSB-386200:

General web service security error
```

When the TLS settings or protocol levels are not in sync between the IFC machine and OSB/WS machine. (see Chapter 7 for Security Level Settings)

```
ERROR Opera IFC Controller : CIfcOperaConn.RecheckWebService        Error
connecting to Web Service with SSL protocol
```

When the Hotel Code/Resort/Property is not found for the tenant the Controller username is linked with. (see Chapter 4, Part 5, point 8 for Property configuration)

ERROR Opera IFC Controller : CIfcOperaConn.CheckWebService Soap exception

: FAULT CODE - SSD00002; SOURCE - System.Web.Services; **MESSAGE - Error in SSD Resource: User is not authorized for the hotel code in the payload.**

When the specific IFC Machine name, where the Controller is installed, is not configured in OPERA Property Interfaces IFC Machine Configuration. (log in to OPERA UI and check the IFC Machines configuration)

ERROR Opera IFC Controller : CIFCOperaConn.ReadMachineInfo **Configuration is missing for machine IFCMACHINE4. Assuming default values.**

When there is an issue in the OPERA Database. (verify OPERA DB is up and check on WebServices)

ERROR Opera IFC Controller : CIfcOperaConn.SetRegSettings**set_reg_settings -**

ORA-06508: PL/SQL: could not find program unit being called

When the start of an IFC8 executable for a specific property interface doesn't come up to full communication handling. (see Chapter 8, Link IFC8 instance to OPERA)

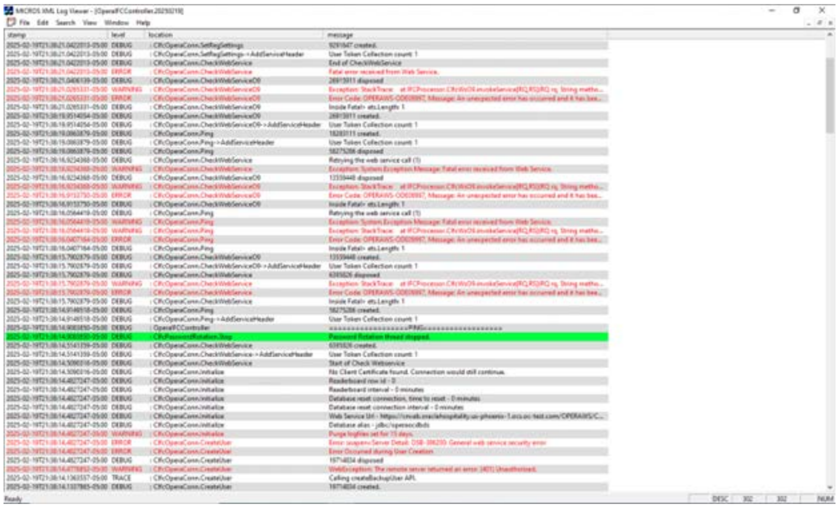
ERROR : CIfcOperaConn.ProcessLinkDesc error processing link desc

"<LinkDescription Date="200326" Time="134420" InterfaceFamily="PB" RequestType="4023" IfcNum="6635" ProcessId="4796" VerNum="9.6.11" FktLogo="SIM" Cryptogram="FidCryptDI|0;97;PSezh8L1TziMBQTOFB0tQA=="/>"; ERROR : Interface is not active.(6635)

ERROR: Password Rotation thread stopped

This error typically occurs when the IFC Controller service has stopped. Please follow these steps to resolve the issue:

- Ensure the IFC Controller is updated: Verify that the controller is running the latest version. (Refer to *Chapter 4* for detailed instructions.)
- Restart the Controller: Restart the controller and confirm it is back online. This should resolve the error.

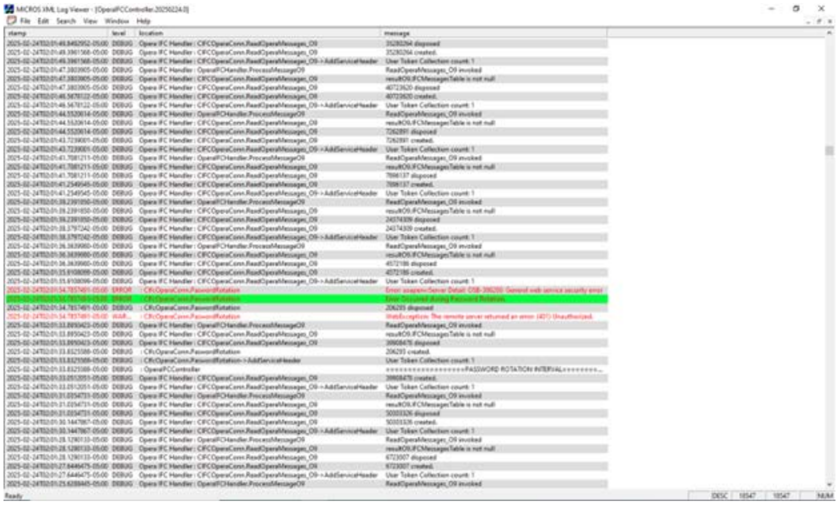

MICROS XML Log Viewer - [OperaIFCController.20250219]
File Edit Search View Window Help

```
stamp                               level    location                                          message
2025-02-19T21:38:21.0422013-05:00   DEBUG    : CIfcOperaConn.SetRegSettings                    9291647 created.
2025-02-19T21:38:21.0422013-05:00   DEBUG    : CIfcOperaConn.SetRegSettings->AddServiceHeader  User Token Collection count: 1
2025-02-19T21:38:21.0422013-05:00   DEBUG    : CIfcOperaConn.CheckWebService                   End of CheckWebService
2025-02-19T21:38:21.0422013-05:00   ERROR    : CIfcOperaConn.CheckWebService                   Fatal error received from Web Service.
2025-02-19T21:38:21.0406139-05:00   DEBUG    : CIfcOperaConn.CheckWebServiceO9                 26915911 disposed
2025-02-19T21:38:21.0265331-05:00   WARNING  : CIfcOperaConn.CheckWebServiceO9                 Exception: StackTrace:   at IFCProcessor.CIfcWsO9.invokeService(RQ,RS)(RQ rq, String metho...
2025-02-19T21:38:21.0265331-05:00   ERROR    : CIfcOperaConn.CheckWebServiceO9                 Error Code: OPERAWS-OD03997, Message: An unexpected error has occurred and it has bee...
2025-02-19T21:38:21.0265331-05:00   DEBUG    : CIfcOperaConn.CheckWebServiceO9                 Inside Fatal> etsLength: 1
2025-02-19T21:38:19.9514054-05:00   DEBUG    : CIfcOperaConn.CheckWebServiceO9                 26915911 created.
2025-02-19T21:38:19.9514054-05:00   DEBUG    : CIfcOperaConn.CheckWebServiceO9->AddServiceHeader  User Token Collection count: 1
2025-02-19T21:38:19.0863879-05:00   DEBUG    : CIfcOperaConn.Ping                              18283111 created.
2025-02-19T21:38:19.0863879-05:00   DEBUG    : CIfcOperaConn.Ping->AddServiceHeader            User Token Collection count: 1
2025-02-19T21:38:19.0863879-05:00   DEBUG    : CIfcOperaConn.Ping                              58275286 disposed
2025-02-19T21:38:16.9234368-05:00   DEBUG    : CIfcOperaConn.CheckWebService                   Retrying the web service call (1)
2025-02-19T21:38:16.9234368-05:00   WARNING  : CIfcOperaConn.CheckWebService                   Exception: System.Exception Message: Fatal error received from Web Service.
2025-02-19T21:38:16.9234368-05:00   DEBUG    : CIfcOperaConn.CheckWebServiceO9                 13339448 disposed
2025-02-19T21:38:16.9234368-05:00   WARNING  : CIfcOperaConn.CheckWebServiceO9                 Exception: StackTrace:   at IFCProcessor.CIfcWsO9.invokeService(RQ,RS)(RQ rq, String metho...
2025-02-19T21:38:16.9133750-05:00   ERROR    : CIfcOperaConn.CheckWebServiceO9                 Error Code: OPERAWS-OD03997, Message: An unexpected error has occurred and it has bee...
2025-02-19T21:38:16.9133750-05:00   DEBUG    : CIfcOperaConn.CheckWebServiceO9                 Inside Fatal> etsLength: 1
2025-02-19T21:38:16.0564419-05:00   DEBUG    : CIfcOperaConn.Ping                              Retrying the web service call (1)
2025-02-19T21:38:16.0564419-05:00   WARNING  : CIfcOperaConn.Ping                              Exception: System.Exception Message: Fatal error received from Web Service.
2025-02-19T21:38:16.0564419-05:00   WARNING  : CIfcOperaConn.Ping                              Exception: StackTrace:   at IFCProcessor.CIfcWsO9.invokeService(RQ,RS)(RQ rq, String metho...
2025-02-19T21:38:16.0407164-05:00   ERROR    : CIfcOperaConn.Ping                              Error Code: OPERAWS-OD03997, Message: An unexpected error has occurred and it has bee...
2025-02-19T21:38:16.0407164-05:00   DEBUG    : CIfcOperaConn.Ping                              Inside Fatal> etsLength: 1
2025-02-19T21:38:15.7902879-05:00   DEBUG    : CIfcOperaConn.CheckWebServiceO9                 13339448 created.
2025-02-19T21:38:15.7902879-05:00   DEBUG    : CIfcOperaConn.CheckWebServiceO9->AddServiceHeader  User Token Collection count: 1
2025-02-19T21:38:15.7902879-05:00   DEBUG    : CIfcOperaConn.CheckWebService                   6395026 disposed
2025-02-19T21:38:15.7902879-05:00   WARNING  : CIfcOperaConn.CheckWebService                   Exception: StackTrace:   at IFCProcessor.CIfcWsO9.invokeService(RQ,RS)(RQ rq, String metho...
2025-02-19T21:38:15.7902879-05:00   ERROR    : CIfcOperaConn.CheckWebService                   Error Code: OPERAWS-OD03997, Message: An unexpected error has occurred and it has bee...
2025-02-19T21:38:15.7902879-05:00   DEBUG    : CIfcOperaConn.CheckWebService                   Inside Fatal> etsLength: 1
2025-02-19T21:38:14.9149518-05:00   DEBUG    : CIfcOperaConn.Ping                              58275286 created.
2025-02-19T21:38:14.9149518-05:00   DEBUG    : CIfcOperaConn.Ping->AddServiceHeader            User Token Collection count: 1
2025-02-19T21:38:14.9083850-05:00   DEBUG    : OperaIFCController                              ==================PING==================
2025-02-19T21:38:14.9083850-05:00   DEBUG    : CIfcPasswordRotation.Stop                       Password Rotation thread stopped.
2025-02-19T21:38:14.5141359-05:00   DEBUG    : CIfcOperaConn.CheckWebService                   6395026 created.
2025-02-19T21:38:14.5141359-05:00   DEBUG    : CIfcOperaConn.CheckWebService->AddServiceHeader User Token Collection count: 1
2025-02-19T21:38:14.5090316-05:00   DEBUG    : CIfcOperaConn.CheckWebService                   Start of Check Webservice
2025-02-19T21:38:14.5090316-05:00   DEBUG    : CIfcOperaConn.Initialize                        No Client Certificate found. Connection would still continue.
2025-02-19T21:38:14.4827247-05:00   DEBUG    : CIfcOperaConn.Initialize                        Readerboard row id - 0
2025-02-19T21:38:14.4827247-05:00   DEBUG    : CIfcOperaConn.Initialize                        Readerboard interval - 0 minutes
2025-02-19T21:38:14.4827247-05:00   DEBUG    : CIfcOperaConn.Initialize                        Database reset connection, time to reset - 0 minutes
2025-02-19T21:38:14.4827247-05:00   DEBUG    : CIfcOperaConn.Initialize                        Database reset connection interval - 0 minutes
2025-02-19T21:38:14.4827247-05:00   DEBUG    : CIfcOperaConn.Initialize                        Web Service Url - https://cmvab.oraclehospitality.us-phoenix-1.ocs.oc-test.com/OPERAWS/C...
2025-02-19T21:38:14.4827247-05:00   DEBUG    : CIfcOperaConn.Initialize                        Database alias - jdbc/operaocdbds
2025-02-19T21:38:14.4827247-05:00   WARNING  : CIfcOperaConn.Initialize                        Purge logfiles set for 15 days.
2025-02-19T21:38:14.4827247-05:00   ERROR    : CIfcOperaConn.CreateUser                        Error: soapenv:Server Detail: OSB-386200: General web service security error
2025-02-19T21:38:14.4827247-05:00   ERROR    : CIfcOperaConn.CreateUser                        Error Occured during User Creation
2025-02-19T21:38:14.4827247-05:00   DEBUG    : CIfcOperaConn.CreateUser                        19714034 disposed
2025-02-19T21:38:14.4778852-05:00   WARNING  : CIfcOperaConn.CreateUser                        WebException: The remote server returned an error: (401) Unauthorized.
2025-02-19T21:38:14.1363557-05:00   TRACE    : CIfcOperaConn.CreateUser                        Calling createBackupUser API.
2025-02-19T21:38:14.1337865-05:00   DEBUG    : CIfcOperaConn.CreateUser                        19714034 created.
Ready                                                                                   DESC | 302 | 302 | NUM
```

Error 401 (Unauthorized)

This error indicates invalid credentials for the primary or backup user. Please follow these steps to resolve the issue:

- Verify user credentials: Navigate to the User Config section and ensure the credentials are correct to enable password rotation. (See Steps 2 and 3 in *Chapter 7* for details.)
- Reinstall the IFC Controller: Since valid user credentials must be entered during the initial setup, a reinstallation of the controller and activation of the parameter **Automatic Management of IFC Credentials** will be required. Please refer to *Chapter 4* for detailed steps.


MICROS XML Log Viewer - [OperaIFCController.20250224.0]
File Edit Search View Window Help

```
stamp                               level    location                                                              message
2025-02-24T02:01:49.8492952-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                35280264 disposed
2025-02-24T02:01:49.3961568-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                35280264 created.
2025-02-24T02:01:49.3961568-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader  User Token Collection count: 1
2025-02-24T02:01:47.3803905-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                  ReadOperaMessages_O9 invoked
2025-02-24T02:01:47.3803905-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                resultO9.IFCMessagesTable is not null
2025-02-24T02:01:47.3803905-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                40723620 disposed
2025-02-24T02:01:46.5478122-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                40723620 created.
2025-02-24T02:01:46.5478122-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader  User Token Collection count: 1
2025-02-24T02:01:44.5520614-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                  ReadOperaMessages_O9 invoked
2025-02-24T02:01:44.5520614-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                resultO9.IFCMessagesTable is not null
2025-02-24T02:01:44.5520614-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                7262891 disposed
2025-02-24T02:01:43.7239001-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                7262891 created.
2025-02-24T02:01:43.7239001-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader  User Token Collection count: 1
2025-02-24T02:01:41.7081211-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                  ReadOperaMessages_O9 invoked
2025-02-24T02:01:41.7081211-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                resultO9.IFCMessagesTable is not null
2025-02-24T02:01:41.7081211-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                7896137 disposed
2025-02-24T02:01:41.2549545-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                7896137 created.
2025-02-24T02:01:41.2549545-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader  User Token Collection count: 1
2025-02-24T02:01:39.2391850-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                  ReadOperaMessages_O9 invoked
2025-02-24T02:01:39.2391850-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                resultO9.IFCMessagesTable is not null
2025-02-24T02:01:39.2391850-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                24374309 disposed
2025-02-24T02:01:38.3797242-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                24374309 created.
2025-02-24T02:01:38.3797242-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader  User Token Collection count: 1
2025-02-24T02:01:36.3639960-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                  ReadOperaMessages_O9 invoked
2025-02-24T02:01:36.3639960-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                resultO9.IFCMessagesTable is not null
2025-02-24T02:01:36.3639960-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                4572186 disposed
2025-02-24T02:01:35.8108099-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                4572186 created.
2025-02-24T02:01:35.8108099-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader  User Token Collection count: 1
2025-02-24T02:01:34.7857491-05:00   ERROR    : CIfcOperaConn.PasswordRotation                                      Error: soapenv:Server Detail: OSB-386200: General web service security error
2025-02-24T02:01:34.7857491-05:00   ERROR    : CIfcOperaConn.PasswordRotation                                      Error Occured during Password Rotation.
2025-02-24T02:01:34.7857491-05:00   DEBUG    : CIfcOperaConn.PasswordRotation                                      206293 disposed
2025-02-24T02:01:34.7857491-05:00   WAR...   : CIfcOperaConn.PasswordRotation                                      WebException: The remote server returned an error: (401) Unauthorized.
2025-02-24T02:01:33.8950423-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                  ReadOperaMessages_O9 invoked
2025-02-24T02:01:33.8950423-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                resultO9.IFCMessagesTable is not null
2025-02-24T02:01:33.8950423-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                39908475 disposed
2025-02-24T02:01:33.8325588-05:00   DEBUG    : CIfcOperaConn.PasswordRotation                                      206293 created.
2025-02-24T02:01:33.8325588-05:00   DEBUG    : CIfcOperaConn.PasswordRotation->AddServiceHeader                    User Token Collection count: 1
2025-02-24T02:01:33.8325588-05:00   DEBUG    : OperaIFCController                                                  ================PASSWORD ROTATION INTERVAL========...
2025-02-24T02:01:33.0512051-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                39908475 created.
2025-02-24T02:01:33.0512051-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader  User Token Collection count: 1
2025-02-24T02:01:31.0354731-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                  ReadOperaMessages_O9 invoked
2025-02-24T02:01:31.0354731-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                resultO9.IFCMessagesTable is not null
2025-02-24T02:01:31.0354731-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                50333326 disposed
2025-02-24T02:01:30.1447867-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                50333326 created.
2025-02-24T02:01:30.1447867-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader  User Token Collection count: 1
2025-02-24T02:01:28.1290133-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                  ReadOperaMessages_O9 invoked
2025-02-24T02:01:28.1290133-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                resultO9.IFCMessagesTable is not null
2025-02-24T02:01:28.1290133-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                6723007 disposed
2025-02-24T02:01:27.6446475-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9                6723007 created.
2025-02-24T02:01:27.6446475-05:00   DEBUG    Opera IFC Handler : CIFCOperaConn.ReadOperaMessages_O9->AddServiceHeader  User Token Collection count: 1
2025-02-24T02:01:25.6288445-05:00   DEBUG    Opera IFC Handler : OperaIFCHandler.ProcessMessageO9                  ReadOperaMessages_O9 invoked
Ready                                                                                                 DESC | 10547 | 10547 | NUM
```