Oracle[®] Hospitality Hotel Mobile Installation and Configuration Guide

Installation and Configuration Guide Release 1.1 E87102-03

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Preface

This document explains how to install and configure Oracle Hospitality OPERA 5 Hotel Property and Oracle Hospitality Suite8 for Oracle Hospitality Hotel Mobile. The document also explains how to install the Oracle Hospitality Hotel Mobile application.

Audience

This document is intended for system administrators, support personnel, and users familiar with the Suite8 and OPERA 5 Hotel Property modules.

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

Date	Description of Change
May 2017	Initial publication
July 2018	Updated prerequisites and installation procedures.

1 Prerequisites

Verify that the environment meets the following requirements:

- Suite8 Version 8.10.2.20 and higher or OPERA 5 Hotel Property and higher
- Hotel Mobile REST API version 1.1
- OPERA 5 Hotel Property installation with an active PMS license:
 - Premise-based SKU (Controlled Availability)
 - o Oracle Hospitality OPERA Hotel Mobile license and support agreement
 - OPERA 5 Hotel Property (5.4.2.26+ 5.5.0.17+ or 5.5.1.7+) OPERA Web Service-based
- Suite8 installation with an active PMS license
 - XML Interface installed
 - Kiosk Interface
- OPERA 5 Hotel Property and Suite8 on-premise recommended settings: Oracle Hospitality recommends that hotels activate and configure the following applications to take full advantage of the Hotel Mobile application:
 - o Housekeeping Task Assignment
 - Housekeeping Attendants
 - o Maintenance
- OPERA Web Services server
 - Operating system: Microsoft Windows 2008 R2 or Microsoft Windows 2012 R2 purchased by the client
 - Microsoft .NET Framework:
 - Microsoft Windows 2008 R2: 2.0, 4.5 and 4.6.3 Available for free from the Microsoft web site
 - Microsoft Windows 2012 R2: 3.5 (include .Net 2.0), 4.5, and 4.6.3 -Available for free from the Microsoft web site
 - Microsoft IIS 7 or Microsoft IIS 8 Available with the Microsoft Windows operating system
 - o TLS 1.2 enabled
 - SSL SHA2 certificate supporting TLS 1.2 for the OPERA Web Services server to be purchased separately by the client
 - Oracle client installed
 - Install OPERA Web Services (PMS mode in OEDS) interfaces:
- EFT chip and pin interface with IFC8 EMV credit card interface is to perform check-ins, check-outs, and process payments with credit cards.
- Key card interface with IFC8 required to cut credit cards.
- Microsoft Windows devices:
 - o Operating system Microsoft Windows 8.1 or higher
 - Microsoft .NET Framework 4.6.3 Available for free from the Microsoft web site

- iOS-based devices:
 - iOS 10 or higher
- Android devices:
 - Android 5 or later
- Network printer installed on the device for printing documents using Hotel Mobile devices.

2 Configuring OPERA Web Services

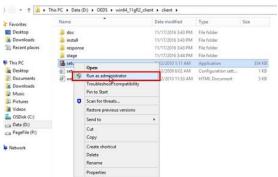
OPERA Web Services Server Prerequisites

The OPERA online Help provides more information on OPERA Web Services server prerequisites.

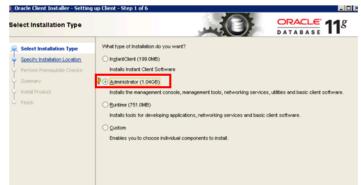
Installing the Oracle Client

You need the Oracle Client (11g) to connect to the OPERA database.

- Download the installer from: http://www.oracle.com/technetwork/database/enterprise-edition/downloads/112010win64soft-094461.html and save it to D:\Upgrade\Media\Oracle Client.
- 2. Run the Oracle 64-bit Client as administrator.



3. Select Administrator, and then click Next.



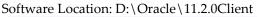
4. Click **Yes** on the following prompt:



5. Select English, and then click Next.



 Specify the installation location, and then click Next. Oracle Database: D:\Oracle\
 Software Location D\Oracle\1120Climat





7. Click **Next**, and then wait for the process to finish.



9. Select **Close** to complete.

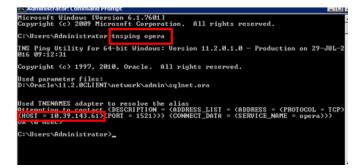


Configuring Oracle Net

1. Copy **tnsnames.ora** from the OPERA application server to the following location on the OPERA Web Services server:

 $D: \verb|Oracle|11.2.0client|network|admin|$

Go to Windows Start Button -> Run -> type command or cmd to open a DOS prompt
 -> type tnsping opera for OPERA to make sure the Oracle Client has been installed
 correctly and it is communicating with the database. The following figure shows an
 example:



Updating Language Settings

- Go to Windows Start Button -> Run -> type regedit -> press CTRL+F -> search for NLS_LANG
- 2. Update the value of NLS_LANG to AMERICAN_AMERICA.UTF8.

🖃 👑 oracle		Difference Schemer	REG_SZ	NOTEPAD.EXE
	KEY_1213ohs	ab MM	REG_SZ	D:\ORA\MWFR\11gappr2\tools\common
	KEY_OH159383531	MSHELP_TOOLS	REG_SZ	D:\ORA\MWFR\11gappr2\MSHELP
	KEY_OH91935377	A NLS_LANG	REG_SZ	AMERICAN_AMERICA.UTF8
.	KEY_OraDb11g_home1	DRACLE BUNDLE	REG SZ	Enterprise

3 Installing OPERA Electronic Distribution Suite with OPERA Web Services

Introduction

OPERA Electronic Distribution Suite (OEDS) distributes and exchanges OPERA data over the Internet.

OPERA Web Services is a collection of Microsoft Windows services that provide access to OPERA functionality. They provide an interface between OPERA and external applications, such as a web booking engine.

Prerequisites

Installers should be familiar with the following:

- OPERA Web Services configuration
- Setting OPERA Web Services in debug mode
- Tools to verify OPERA Web Services is SoapUI

Installing OEDS

- 1. From the OPERA server, copy D:\Micros\Opera\Tools\OEDS\oeds.zip to the OPERA Web Services Server under: D:\Upgrade\OEDS\ (or any other location convenient to you).
- 2. Unzip the file.
- 3. Run D:\Upgrade\OEDS**setup.exe** as an administrator.

🕌 IISRootFolder	7/2	29/2016 11:08 AM	File folder	
📙 program 🕯 😵	7/2	29/2016 11:08 AM	File folder	
0x0409 VC	2/2	25/2003 11:04 AM	Configuration settings	5 KB
🖁 Opera Electronic Distribution Suite	10	/1/2012 6:04 PM	Windows Installer P	606 KB
Setup Open	7/1	15/2011 1:39 PM	Application	224 KB
🗿 Setup 😽 Run as adminis	rator 10	/1/2012 6:04 PM	Configuration settings	2 KE
🛱 Upgrade Opera 👘 Troubleshoot o		12/2012 4:54 PM	Application	16 KE
Upgrade Opera Restore previo	s versions	/22/2010 12:02 PM	MANIFEST File	1 KE
Send to	•			
Cut				
Сору				
Create shortcu				
Delete				
Rename				
Properties				

4. Click Next.



5. Select **Custom**, and then click **Next**.

Opera Electronic Distribution			×
Choose the setup type that best	t suits your needs.		
Pleas select a setup type.			
C Complete			
All program feat space.)	ures will be installed. (Re	quires the most disk	C.
· Custom			
	rogram features you wan Recommended for advan		re they
Instalizheid -			
	< Back	Next >	Cancel

6. Select **Opera Access Point > This feature will be installed on local hard drive**, and then scroll down.

Opera Electronic Distribution Suite	Ceature Description Opera Access Point
 This feature will be installed on loc	al hard drive.

7. Select **OWS-WS Version 5.1** > This feature will be installed on local hard drive.

_	OWS-WS Version 5.1		This feature requires 4592KB on	
 •	This feature will be insta	alled on local har	rd drive.	

8. Click Next

🖗 Opera Electronic Distribution Suite - InstallShie	iu wizaru	
Custom Setup		
Select the program features you want installed.		
Click on arrhon in the list below to change how a feature	is installed.	
Opera Electronic Distribution Suite Opera Access Point C Corrice C Service Gwiz Pegasus Gaming / WBR OWS-WS Version 5.0 S25 Adaptor OWS-WS Version 5.1	your hard driv subfeatures s subfeatures re	aquires 144KB or e. Tt has 2 of 19 elected. The squire 10MB on
Instal to:	your hard driv	e.
C:\Program Files (x86)\Micros Systems\OEDS\		Change
- United and a second se		
Instalishield	-	7
Help Space < Back Click Install. Opera Electronic Distribution Suite - InstallShield Ready to Install the Program	Next >	Cancel
Click Install. Opera Electronic Distribution Suite - InstallShield Ready to Install the Program The wizard is ready to begin installation.		Cancel
Click Install.	Wizard	
Click Install. Opera Electronic Distribution Suite - InstallShield Ready to Install the Program The wizard is ready to begin installation.	Wizard	
Click Install. Click Install. Constall the Program The wizard is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation.	Wizard	
Click Install. Click Install. Constall the Program The wizard is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation.	Wizard	
Click Install. Click Install. Constall the Program The wizard is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation.	Wizard	
Click Install. Click Install. Constall the Program The wizard is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation.	Wizard	
Click Install. Click Install. Constall the Program The wizard is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation.	Wizard	
Click Install. Click Install. Constall the Program The wizard is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation.	Wizard	
Click Install. © Opera Electronic Distribution Suite - InstallShield Ready to Install the Program The wizard is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation exit the wizard.	Wizard	
Click Install. Click Install. Click Install the Program The woard is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation exit the woard.	witzard	kdx Cancel to
Click Install. © Opera Electronic Distribution Suite - InstallShield Ready to Install the Program The wizard is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation exit the wizard.	Wizard	
Click Install. Click Install. Click Install the Program The woard is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation exit the woard.	witzard	kdx Cancel to

10.

User Name :	Max Pool Size :(20 is recommende
opera	20
Password :	Connection LifeTime:(in minutes, 5 is recommended)
Connection String :	5
opera	Clear Connection Pool:
	(Only for OAP Availability Service)
Check Oracle Connection :	YES
Not Connected	

11. When the installer shows **Connected**, click **Next**.

User Name :	Max Pool Size :(20 is recommended)
opera	20 ÷
Password :	Connection LifeTime:(in minutes, 5 is recommended)
Connection String :	5
Connection Pool:	Clear Connection Pool: (Only for OAP Availability Service)
true 💌	YES 💌
Check Oracle Connection : Connected	

12. Enter the field Login Property / CRO Name, **Hotel/Inn code**, and select **PMS** from the **Running Application** drop-down list.

The Login Property must have an active license code and the running application must be **PMS**.

Opera Electronic Distribution	
Operation Login Information	
Login Property / CRO Name : HM Running Application : IMS	
	<back next=""> Cancel ,</back>

- 13. Click Next.
- 14. Configure OPERA Web Services to use e-registration card.

The OEDS Installation Guide in the OPERA Help provides more information on the settings and their values.

Specify settings as shown in the following example. Use the default values for the other settings.

pera Electronic Distribution	
-	
Suppress Closed : false	Report Format : PDF
Name Response GDS Object :	Web Report Path :
NO	\WebServerName\reports\
Report Remote Path :	Log File Size (MB) :
http://meo55mobile/webtemp/opera/	2
Report Local Path : c:\micros\opera\operaias\webtemp\SchemaName	WSE3 Security
Report Server Repmeo55mobileopera	Reduce Response Message Size
Report Gateway : http://meo55mobile/reports/rwservlet/	
<	Back Next> Cancel

Report Remote Path: Schema in the webtemp directory on the OPERA application server. The value is an HTTP URL. In most cases, the URL is:

http://OperaAppServer/webtemp/opera

Report Server: Name of the report server installed on the OPERA application server for the schema installed. In most cases, the value is:

repMACHINENAME schema

Report Gateway: URL for the rwservlets installed on the OPERA application server. In most cases, the URL is:

http://OperaAppServer/reports/rwservlet/

15. Click Next in OAP Utility Parameters. Opera Electronic Distribution

✓ Log Requests	Email Server (SMTP) : MailServerName		
Property Name	Request Log Insert Interval(in minutes) :		
ender Email Address :	30 *		
SenderEmail@company.com	Log Files Purge Time (HH24:MtSS 23:59:59		
Recipient Email Address :(separate by			
semicolon(';')):	Archive Interval(in hours):		
Recipient1Email@company.com;Recipient2E 🗾	1		
mail@company.com;Recipient3Email@compa ny.com	Memory Threshold to archive/unarchive logs(% of Available Memory):		
-	10		

16. Click Next.

Rollover Time (Should be in form	hat HH24:MI:SS and in CRO database time zone):
23.59.59	
Rollover Check Interval(in minutes	s):
15	-
Email Server (SMTP) :	
MailServerName	
Sender Email Address :	
SenderEmail@company.com	
Recipient Email Address :(separa	te by semicolon(',')):

17. Click Next. Opera Electronic Distribution

Reque SMonitor Parameters			
Log OWS Availability Request			
Log OWS Reservation Request			
Log OWS Name Request			
Log GDS Availability Request			
Log GDS Reservation Request			
Log ADS Availability Request			
Log ADS Reservation Request			
			6 ml 1
	< <u>B</u> ack	<u>N</u> ext >	Cancel

18. If necessary, change Log Directory and Request Log Directory.

Log Directory: Enter the storage location for the logs. The following figure shows the default location. Change the path to the D drive if the C and D drives are used.

Request Log Directory: Enter the directory path to the RequestLog.xml file. The following figure shows the default location. Change the path to the D drive if the C and D drives are used.

OAP / GDS Server Name		OAP Log File Size (MB)	Payment LIVE 8	Environmen
locahort		2	NO	*
Populate Price Interval (in 5	n mts) :	Request Log Directory : D 'Micros Systems\DEDS\Reque	1	
Log Level : MESSAGE	-	Request Log File Size : 500 KB 💌	1	
Log XML :	-	Request Log Write Maximum Retro	v. 1+.	
Log Purge Offset (in days	_	Request Log Lock Time Out:	, - <u>1</u> 2	
30	+	10	1	
Log Directory :		Request Log Write Thread Sleep(in ms):	
D: \Micros Systems\OED	S\Logs	100 +	1	

19. Click Next.

Command windows appear as the installer completes the installation.

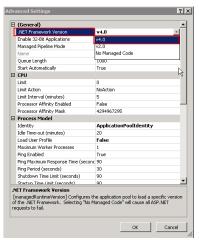
20. Click Finish.

	InstallShield Wizard Completed
A	The InstaliShield Wizard has successfully installed Opera Electronic Distribution Suite. Click Pinish to exit the wizard.
4	

- 21. Go to **IIS Manager** and start **Administrative tool > Internet Information Services (IIS)** Manager.
- 22. Click on application pool, right-click OEDS, and then select Advanced Settings.

Internet Information Services (IIS) Manager		
File View Help Connections		
Connections Connections Connection Connection Connection Connection Connection Connection Connection Connection	Application Pools This page lets you view and manage the	list of application pools on the server. Application pools
Application Pools	Filter: • 🔐 Go	- 🖙 Show All Group by: No Grouping
😟 📲 🧃 Sites	Name A Status .N	IET Frame Managed Pipeli Identity
		4.0 Integrated ApplicationPoolIder
	ASP.NET v4.0 Cl Started v4	 Classic ApplicationPoolIder
	Classic .NET App Started v4	4.0 Classic ApplicationPoolIde
	DefaultAppPool Started v4	1.0 Integrated ApplicationPoolIde
	PEDS Started v2	2.0 Classic ApplicationPoolIde
	Add Application Pool Set Application Pool Defaults Start Start Start Start Recycle Basic Settings Recycle Recycle	Integrated ApplicationPoolIde

23. For Windows 2012 server, change .NET Application Pool for OEDS to v4.0.



24. Click Close.

4 Installing the Suite8 XML Interface

If your environment uses Suite8, complete the procedures in this section to install the Suite8 XML interface on Microsoft Windows 7 and Microsoft Windows 8.x versions.

Installing the Suite8 Client

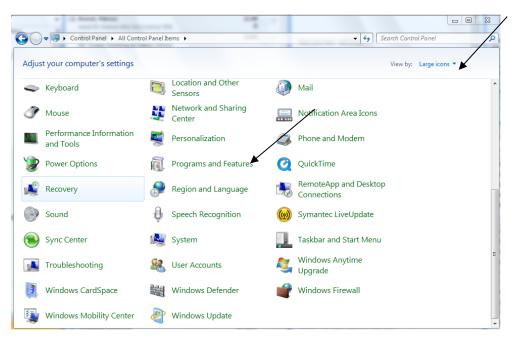
The Oracle Hospitality Suite8 InstallShield Guide on http://docs.oracle.com contains more information about the Client installation of Suite8.

XML Interface and OTA XML Interface

To do extra programming based on the XML Interface or OTA XML Interface, the local office needs to complete the NDA (Non-disclosure agreement) Info sheet. Each company needs to sign the Non-disclosure Agreement. The NDA forms are located on the Micros-Fidelio FTP Server and Share Point in the directory **Confidentially Agreements** under Internal Documentation.

Turning Microsoft Windows 7 Features On or Off

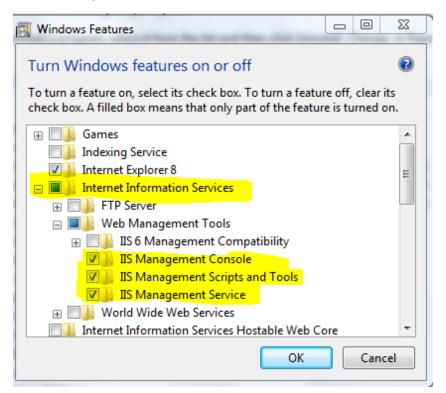
- 1. Open the Microsoft Windows Control Panel.
- 2. Select Large icons for the option View by.
- 3. Click **Programs and Features**.



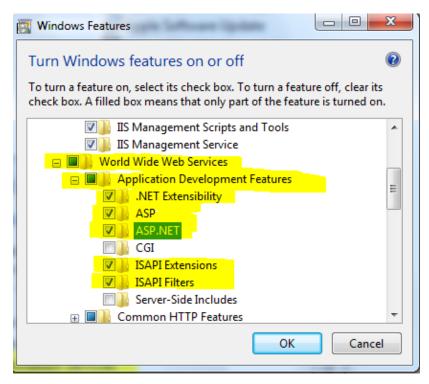
4. Click Turn Windows features on or off.

🔾 🗢 🛃 🕨 Control Pane	I All Control Panel Items Programs and Featu	ıres
Control Panel Home View installed updates	Uninstall or change a program To uninstall a program, select it from the l	list and then click Uninstall, C
off	Organize 🔻	
Install a program from the network	Name	Publisher
	T-Zip 4.65	
	Adobe AIR	Adobe Systems
	💁 Adobe Captivate Reviewer	Adobe Systems
	🔽 Adobe Flash Player 10 ActiveX	Adobe System
	😕 Adobe Reader 9.3.1	Adobe System
	🔄 Adobe Shockwave Player 11.5	Adobe System
	🕼 Apple Application Support	Apple Inc.
	🛃 Apple Software Update	Apple Inc.
	Astaro SSL VPN Client 1.6	
	🔀 Codesite client tools	Raize Software
	Crystal Reports	Seagate Softwa

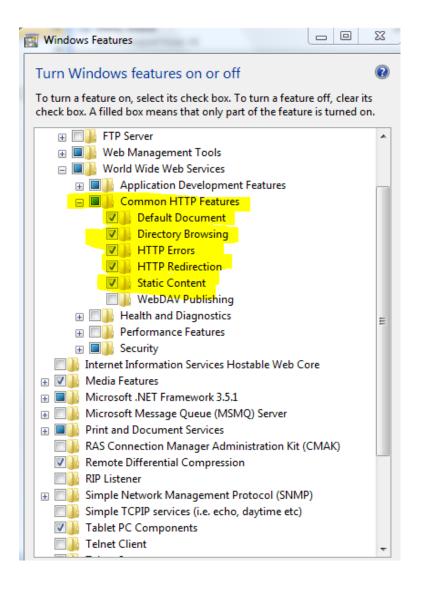
- 5. Open Internet Information Services and select the following options:
 - IIS Management Console
 - IIS Management Script and Tools
 - IIS Management Service



- 6. Open Application Development Features and select the following options:
 - .NET Extensibility
 - ASP
 - ASP.NET
 - ISAPI Extensions
 - ISAPI Filters



- 7. Open **Common HTTP Features** and select the following options:
 - Default Document
 - Directory Browsing
 - HTTP Errors
 - HTTP Redirection
 - Static Content

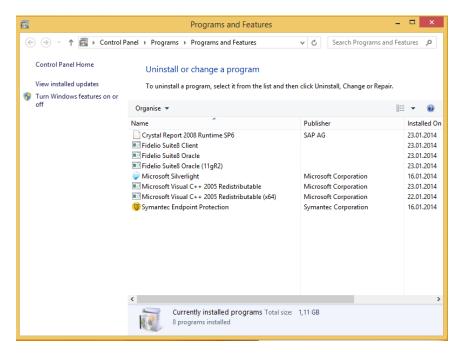


Turning Microsoft Windows 8.x Features On or Off

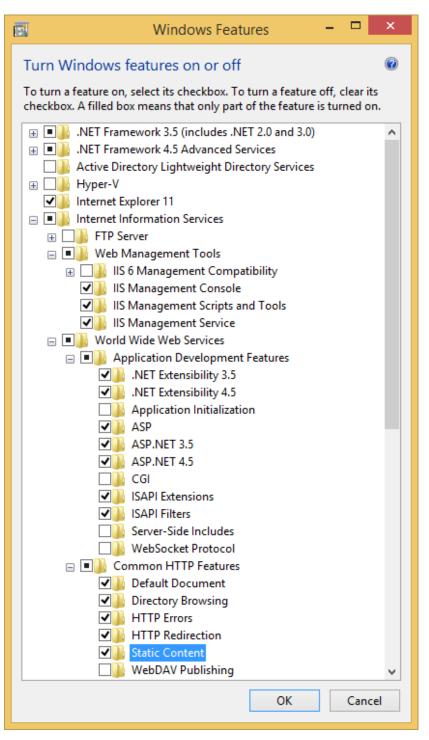
- 1. Go to the Start screen from Windows 8.x and search for Programs and Features.
- 2. Go to **Programs and Features** and open the utility.



3. Click Turn Windows features on or off.



8. Select options as shown in the following figure:



Configuring the Suite8 XML Interface

- 1. Create a new folder: C:\fidelio\programs\webpublished.
- 2. Copy FidelioIISWrapper.dll to this folder.
- 3. Go to C:\fidelio\programs\FidelioWebAppSetup.exe.

					х
🕒 🔾 🗢 📙 🕨 Computer	► Local Disk (C:) ► Fidelio ► programs ►	▼ € ₇	Search programs		م
Organize 🔻 📑 Open	Burn New folder		8	-	?
🌗 cache 🛛 🔺	Name	Date modified	Туре	Size	
퉬 WebPublisł	fideliov8.exe	21.12.2009 18:31	Application	41.142 KB	
VersionCtrl	🕼 FidelioV8DBPasswordEncrypt.exe	21.12.2009 18:31	Application	752 KB	
🌗 inetpub	Fideliovalidation.dll	21.12.2009 18:33	Application extens	1.311 KB	
🌗 Intel	N FidelioWebAppSetup.exe	21.12.2009 18:31	Application	1.811 KB	
PerfLogs	S FidelioXMLInterface.dll	21.12.2009 18:34	Application extens	3.461 KB	
퉬 Program Files	S fidTIIFCProcessor.dll	21.12.2009 18:33	Application extens	1.585 KB	
퉬 temp	😰 FrontDesk.chm	21.12.2009 14:17	Compiled HTML	150 KB	
퉬 Users	🚳 GdiPlus.dll	01.12.2009 00:09	Application extens	1.600 KB	
V8FO_IFC_LOG	🚳 GLUT32.DLL	01.12.2009 00:10	Application extens	232 KB	
🌗 Windows 🚽	🚳 HHActiveX.dll	21.09.2006 09:24	Application extens	460 KB	
👝 New Volume (D:)	🚳 HIMapper.dll	21.12.2009 18:35	Application extens	2.605 KB	
👝 New Volume (F:)	😰 HotelConnector.chm	21.12.2009 14:17	Compiled HTML	142 KB	- F
🖵 wdeweerd\$ (\\eu	🔁 How_to_install_ssl.pdf	21.12.2009 14:17	Adobe Acrobat D	131 KB	:
🚽 apps (\\eudata1)	😰 HowTo.chm	21.12.2009 14:17	Compiled HTML	1.092 KB	
🖵 transfer\$ (\\euda	🚳 IDEALMapper.dll	21.12.2009 18:35	Application extens	2.651 KB	
🖵 public\$ (\\eudata 🗉	IfcAction.TLB	26.11.2009 11:58	TLB File	72 KB	
🚽 tpm\$ (\\eudata1)	🚳 IfcBusi.dll	26.11.2009 11:58	Application extens	792 KB	
🖵 install (\\172.28.1	🚳 InstWizard.dll	21.12.2009 18:36	Application extens	1.775 KB	
Apple iPhone	😰 Introduction.chm	21.12.2009 14:17	Compiled HTML	160 KB	
	🚳 LeadMapper.dll	21.12.2009 18:35	Application extens	2.605 KB	
👊 Network	😵 Leisure.chm	21.12.2009 14:17	Compiled HTML	55 KB	
~	🚳 Logging.dll	21.12.2009 18:34	Application extens	888 KB	
FidelioWebApp Application	Setup.exe Date modified: 21.12.2009 18:31 Size: 1,76 MB	Date created: 16.0	3.2010 18:15		

4. Right-click **FidelioWebAppSetup.exe**, and then select **Run as administrator**.

*	Name			Date modified	Туре	Size	*
	🔀 fideliov8.exe			21.12.2009 18:31	Application	41.142 KB	
	🗊 FidelioV8DBPasswordEn	ncryp	ot.exe	21.12.2009 18:31	Application	752 KB	
	Fideliovalidation.dll			21.12.2009 18:33	Application extens	1.311 KB	
	n FidelioWebAppSetup.e		Open		Application	1.811 KB	
	FidelioXMLInterface.dl	()	Run as admin	istrator	Application extens	3.461 KB	
	idTIIFCProcessor.dll			compatibility	Application extens	1.585 KB	
	😵 FrontDesk.chm		7-Zip	•••••••••••••••••••••••••••••••••••••••	Compiled HTML	150 KB	
	🚳 GdiPlus.dll		7-2ip	,	Application extens	1.600 KB	
	🚳 GLUT32.DLL		Scan for Virus	ies	Application extens	232 KB	
	NHActiveX.dll	1	Edit with Note	epad++	Application extens	460 KB	
	🚳 HIMapper.dll		Restore previo	ous versions	Application extens	2.605 KB	
	😵 HotelConnector.chm		Send to		Compiled HTML	142 KB	
	🔁 How_to_install_ssl.pdf		Senato	,	Adobe Acrobat D	131 KB	≡
	울 HowTo.chm		Cut		Compiled HTML	1.092 KB	
	🚳 IDEALMapper.dll		Сору		Application extens	2.651 KB	
Ξ	IfcAction.TLB		Create shortc	ut	TLB File	72 KB	
	🚳 IfcBusi.dll		Delete	ut i	Application extens	792 KB	
	🚳 InstWizard.dll		Rename		Application extens	1.775 KB	
	😵 Introduction.chm		Kename		Compiled HTML	160 KB	
	🚳 LeadMapper.dll		Properties		Application extens	2.605 KB	
	😵 Leisure.chm	_		21.12.2009 14:17	Compiled HTML	55 KB	
Ŧ	🚳 Logging.dll			21.12.2009 18:34	Application extens	888 KB	-

The User Account Control dialog appears.



- 5. Select Yes.
- 6. Select **Options Allowed WEB Applications**.

🗊 W	EB Ap	oplication Setup	
File	Opti	ions	
		DB Setup	
		Allowed WEB Applications	
		Traffic Logging	

- 7. Click New.
- 8. Enter the object name as **FidelioXMLInterface.DataHandler**.
- 9. Select **Options > DB Setup**.

🎽 DB Ir	nstance Setu	ıp				
Code	Name	DB Service	Username	Password	DLL Path (XML IFC)	New
		V8	V8Live	*******	C:\Fidelio\programs	🗶 Delete
						🗱 <u>C</u> lose

10. Enter the Oracle11 Username and password.

The user name and password are case sensitive.

- 12. Select the location of the dll path. Example: c:\fidelio\programs.
- 13. Select **Options > Traffic Logging**.

🐠 Traffic Logg	ing Setup	
Enable Logging	v	
Log File Name	XMLIFC_Traffic_Log	
Write after	1 🔹 messages	

Since Suite8 Version 8.9.0.0, traffic logging can be activated for the XML Interface. If you are using traffic logging, select **Enable Logging**, enter a Log file name, and define the number of messages after which a log entry is generated.

Configuring IIS for Running the XML Interface

- 1. Select computer and then select **Manage** from the right mouse shortcut menu.
- 2. Go to **Default Web Site**.
- 3. Select Add virtual Directory from the right mouse shortcut menu.

A Computer Management	and Million Housing			
File Action View Help				
🗢 🄿 🖄 🖬 👔				
Computer Management (Local	COC RONNB1	0-005 ► Sites ► Default We	b Site ▶	📴 🖂 🚱 🕶
 Task Scheduler Event Viewer Shared Folders Local Users and Groups Performance 	Connections Image: Connections Image: Connections Image: Connections Image: Connections Image: Connections Image: Connections Image: Connections Image: Connections Image: Connections	Filter:	o Site Home → ∰ Go → 🕁 Show All	Actions Explore Edit Permissions Edit Site
 Device Manager Storage Disk Management Services and Applications Internet Information Ser 	 ▲ Sites ▶ Conduct Web Site 	ASP.NET Explore Edit Permissions Add Application	AGA EVANOVATION STATEMENT IN THE INFORMATION STATEMENT INTERVALUES INTERVALUES INTERVALUES INTERVALUES INTERVALUES INTERVALUES INTERVALUES INTERVALINA STATEMENTE INTERVALUES INTERVALUES INTE	Bindings Basic Settings View Applications View Virtual Directories
🚵 Services 🗃 WMI Control	2	Add Virtual Directory Edit Bindings Manage Web Site	NET Trust .NET Users Levels	Manage Web Site Restart Start Stop
	×	Refresh Remove Rename	Machine Key Pages and Controls	Browse Web Site Browse *:80 (http) Advanced Settings
		Switch to Content View Providers Session State IIS	SMTP E-mail	Configure Limits Help Online Help

4. Create a virtual directory with the name V8, and then click OK.

Add Virtual Directory	? 💌
Site name: Default Web Site Path: /	
Alias:	
V8	
Example: images	
Physical path:	
C:\Fidelio\programs\WebPublished	
Pass-through authentication	
Connect as Test Settings	
	OK Cancel

5. Right-click **V8** and select **Convert to Application**.

a 📲 DE-B-AC-TRU/ (de	-b-ac-trU/\lnstall)	F
- 🔐 Application Po	ols	_
🖬 💽 Sites		
a 🌏 Default Wel	o Site	
🍐 🚞 aspnet_	client	
Þ 🗾 V8		
	Explore	
	Edit Permissions	
	Committe Annlinetics	_
Ē	Convert to Application	
1	Add Application	
2	Add Virtual Directory	
	Manage Virtual Directory	۲
4 2	Refresh	
×	Remove	
	Switch to Content View	

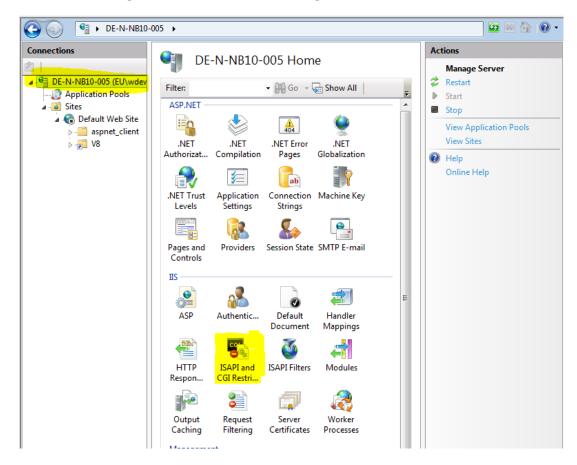
6. Double-click on Handler Mapping in the IIS section, and then select ISAPI.dll.

Connections	🧥 II			Actio
	🕘 Handler Mappin	gs		Α
DE-N-NB10-005 (EU\wdeweer				А
Application Pools	Use this feature to specify the res code, that handle responses for s		nd managed	А
🖌 🧕 Sites		peeme request types		A
Default Web Site	Group by: State -			E
	Name	Path	State	R
	Disabled			v
	ISAPI-dll	*.dll	Disabled	-
	Enabled			?) F
	ASPClassic	*.asp	Enabled	C
	AssemblyResourceLoader-Inte	WebResource.axd	Enabled	
	AXD-ISAPI-2.0	*.axd	Enabled	
	HttpRemotingHandlerFactory	*.rem	Enabled	
	HttpRemotingHandlerFactory	*.rem	Enabled	
	HttpRemotingHandlerFactory	*.soap	Enabled	
	HttpRemotingHandlerFactory	*.soap	Enabled	
	OPTIONSVerbHandler	*	Enabled	
	PageHandlerFactory-Integrated	*.aspx	Enabled	
	PageHandlerFactory-ISAPI-2.0	*.aspx	Enabled	
	SecurityCertificate	*.cer	Enabled	
	SimpleHandlerFactory-Integra	*.ashx	Enabled	
	SimpleHandlerFactory-ISAPI-2.0	*.ashx	Enabled	
	TraceHandler-Integrated	trace.axd	Enabled	
	TRACEVerbHandler	*	Enabled	
	WebAdminHandler-Integrated	WebAdmin.axd	Enabled	
	WebServiceHandlerFactory-Int	*.asmx	Enabled	
	WebServiceHandlerFactory-IS	*.asmx	Enabled	
	StaticFile	*	Enabled	
	< III		•	

7. Select Edit Feature Permissions on the Actions menu and select Execute.

Connections							Actions
DE-B-AC-TR07 (de-b-ac-tr07\Install)	Handler Mappir	5	and managed cod	e, that handle respo	nses for specific request types.		Add Managed Handler Add Script Map Add Wildcard Script Map
🖬 🔞 Sites	Group by: State						Add Module Mapping
a 😌 Default Web Site	Name	Path	State	Path Type	Handler	Entry Type	Edit
> - aspnet_client	Enabled						X Remove
⊳ - 🔁 V8	ASPClassic	*.asp	Enabled	File	IsapiModule	Inherited	Edit Feature Permissions
	AssemblyResourceLoader-Inte	WebResource.axd	Enabled	Unspecified	System.Web.Handlers.Assem	Inherited	Revert To Parent
	AXD-ISAPI-2.0	*.axd	Enabled	Unspecified	IsapiModule	Inherited	View Ordered List
	HttpRemotingHandlerFactory	*.rem	Enabled	Unspecified	System.Runtime.Remoting.C	Inherited	
	HttpRemotingHandlerFactory	*.rem	Enabled	Unspecified	IsapiModule	Inherited	😧 Help
	HttpRemotingHandlerFactory	*.soap	Enabled	Unspecified	System.Runtime.Remoting.C	Inherited	Online Help
	HttpRemotingHandlerFactory	*.soap	Enabled	Unspecified	IsapiModule	Inherited	
	OPTION Edit Feature Permissio	ins	? 💌	Unspecified	ProtocolSupportModule	Inherited	
	PageHa			Unspecified	System.Web.UI.PageHandlerF	Inherited	
	PageHa Permissions:			Unspecified	IsapiModule	Inherited	
	Security Read			File	IsapiModule	Inherited	
	Simple			Unspecified	System.Web.UI.SimpleHandle		
	SimpleH 🗹 Script			Unspecified	IsapiModule	Inherited	
	TraceHa 💟 Execute			Unspecified	System.Web.Handlers.TraceH		
	TRACEV			Unspecified	ProtocolSupportModule	Inherited	
	WebAdr	ОК	Cancel	Unspecified	System.Web.Handlers.WebAd		
	WebSen			Unspecified	System.Web.Services.Protoco		
	WebServicemanuremactory-15	astrix	enableu	Unspecified	IsapiModule	Inherited	
	StaticFile	•	Enabled	File or Folder	StaticFileModule,DefaultDocu		
	ISAPI-dii	*.dll	Enabled	File	IsapiModule	Inherited	

8. Click the root computer name in the **Connections** pane.



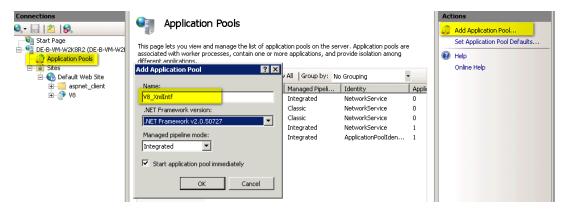
9. Double-click **ISAPI and CGI Restrictions**, click add to select the path to FidelioIISWrapper.DLL, and then select **Allow extension path to execute**.

Add ISAPI or CGI Restriction	? 🔀
ISAPI or CGI path:	
C:\Fidelio\programs\WebPublished\FidelioIISWrapper.dll	
Description:	
Fidelio XML Interface	
Allow extension path to execute	
ОК	Cancel
	Cancer

Configuring the XML Interface on a 64-bit platform

If you configure the XML interface to run on a 64-bit platform (Microsoft Windows 7 or Microsoft Server 2008), complete the following steps:

1. Create an application pool.



2. Right-click the application pool, and then click **Advanced Settings**.

***		_				Ac	tions
Applicatio		5					Add Application Pool
his nage lets you view a	and manage	the list of applica	ation nools on the se	rver. Application pools ar	e		Set Application Pool Defaults
issociated with worker p				provide isolation among	-		Application Pool Tasks
lifferent applications.						▶	Start
Filter:	- 8	Go 🕞 😽 Shov	VAII Group by: N	lo Grouping	-		Stop
Name 🔺	Status	.NET Frame	Managed Pipeli	Identity	Appli	2	Recycle
🗿 ASP.NET v4.0	Started	v4.0	Integrated	NetworkService	0		Edit Application Pool
🗊 ASP.NET v4.0 Cl	Started	v4.0	Classic	NetworkService	0		
🔂 Classic .NET App	Started	v2.0	Classic	NetworkService	0		Basic Settings
DefaultAppPool	Started	v2.0	Integrated	NetworkService	1		Recycling
健 V8_XmlIF	Started	No Manage	Integrated	ApplicationPoolIden	1		Advanced Settings
		·					Rename
						×	Remove
							View Applications
						2	Help
							Online Help

3. Change the settings as shown in the following figure:

Adv	anced Settings	
Ē	(General)	
	.NET Framework Version	No Managed Code
	Enable 32-Bit Applications	True
	Managed Pipeline Mode	Integrated
	Name	V8_XmlIF

4. Change the **Basic Settings** of the Virtual Directory V8, and then select an application pool that has been configured for this purpose.

Start Page Start Page Start Page Start Page	Filter: • 🙀 Go • 🙀 Show All Group by: Area • 📰 •	Actions Explore Edit Permissions
Application Pools Sites Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution S	IIS Edit Application ? 🛛	View Virtual Directories Manage Application
	Site name: Default Web Site Path: / Allias: Application pool: H Image: Select Example: sales Select	Browse #;80 (http) Advanced Settings Help Online Help
	Mai Physical path: C:\inetpub\wwwroot\V8\WebPublished Pass-through authentication Config Connect as Test Settings	
	OK Cancel	

Testing the XML Interface

Test the XML IFC using the following URL: http://localhost/v8/fidelioIISWrapper.dll/FidelioXMLInterface.DataHandler

If it is installed with the instance name, use the following URL:

http://localhost/v8/fidelioIISWrapper.dll/FidelioXMLInterface.DataHandler?ic=<INSTANCENAME >

The following response message appears:

If you cannot start IIS, the program Skype could be the cause. If Skype is installed before IIS, Skype is listening by default to port 80, so IIS cannot start. Change the Skype configuration by opening **Skype**, selecting **Tools->Options->Set connection parameters and proxies** and removing the selection for the option: **Use port 80 and 443 as alternative for incoming connections**.

5 Installing the Hotel Mobile REST API

Introduction

The Hotel Mobile REST API interface communicates with OPERA Web Services and the Suite8 XML Interface.

Prerequisites

- Suite8 Version 8.10.1.11 and higher
- OPERA Version 5
- Internet Information Service 7 or higher
- Microsoft .NET Framework 4.6.3
- Application pool for RestApi
- Externally Signed SSL Certificate with FQDN needs to be installed on the RestApi server
- Oracle Database Client with a valid TNS connection to the database Server
- Download the software for OPERA and Suite8 installations from: https://edelivery.oracle.com/.
 Version available:

RestApi 1.1.4 (distributed with Oracle Hospitality Suite8 Property Management 8.12.0.0) RestApi 1.1.3 (distributed with Oracle Hospitality Suite8 Property Management 8.11.0.0) RestApi 1.1.0.0 (distributed with Oracle Hospitality Suite8 Property Management 8.10.2.0) RestApi 1.0.0.0 (distributed with Oracle Hospitality Suite8 Property Management 8.10.1.0)

 Download a patch version for OPERA and Suite8 installations from MOS My Oracle Support. Versions available:

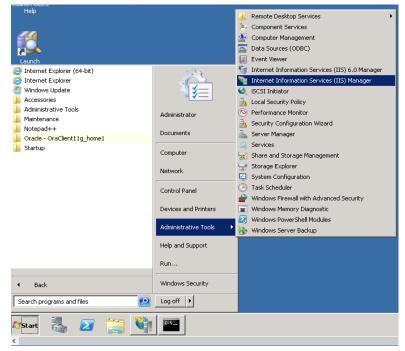
RestApi 1.1.2 (distributed with Oracle Hospitality Suite8 Property Management 8.10.2.10) RestApi 1.0.1.0 (distributed with Oracle Hospitality Suite8 Property Management 8.10.1.0)

Starting with OPERA release 5.5.0.20, the RestApi files will be part of the OEDS bundle and can be downloaded with the bundle.

For older versions, download the RestApi files using the Suite8 versions listed above.

Creating an Application Pool

1. In the OWS Server, go to IIS Manager and start Administrative Tool -> Internet Information Services (IIS) Manager.



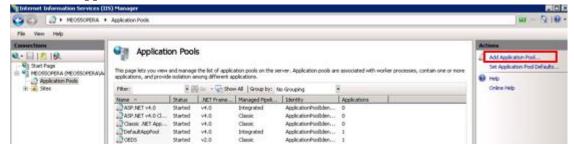
2. Click the **machine name**.

File View Help		
Connections ,	Application Server Manager	ervices 7
Application Pools Sites	Recent connections	Connection tasks
iti- <mark>le</mark> i ⊃ites	Name Server	Connect to localhost Connect to a server Connect to a site
		Connect to an applicatio
	IIS News	
	IIS News is disabled, click the Enable IIS News	ink to get the most recent online news.

3. On the **Actions** tab, click **View Application Pools**.

Act	lions
	Manage Server
z	Restart
⊳	Start
-	Stop
Γ	View Application Pools
	View Sites
	Change .NET Framework Versio
0	Help
	Online Help

4. Click Add Application Pool.



5. Specify settings as shown in the following figure, and then click **OK**.

Add Application Pool	? ×
Name:	
I	
.NET Framework version:	
.NET Framework v2.0.50727	•
Managed pipeline mode:	
Integrated 💌	
Start application pool immediately	
OK Canc	el

Name: RestApi

.Net Framework version: v4.0. (If .net 4.5 and 4.6.1 were already installed on the machine) **Managed pipeline mode**: Integrated

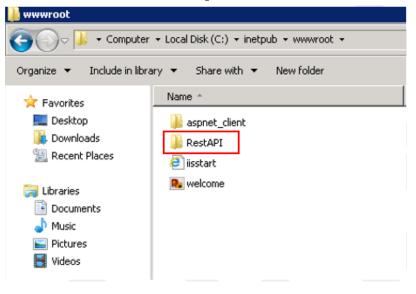
Start application pool Immediately: Selected

6. Make sure the **application pool** is created, and then close the screen.

File View Help								Processore .
Connections	This page lets you view applications, and provide	and manage	the list of applic		river. Application pools are	e associated with wo	orker processes, contain one or more	Actions Add Application Pool Set Application Pool Defaults
🛞 🙀 Sites	Filter:	40	8 Ga + 🖓 Sho	w All Group by: N	io Grouping	1		Online Help
and the second sec	Name +	Status	NET Frame	Managed Pipeli	Identity	Applications		
	ASP.NET v4.0	Started	v4.0	Integrated	ApplicationPoolIden	0		
	ASP.NET v4.0 Cl	Started	v4.0	Classic	ApplicationPoolIden	0		
	Classic .NET App	Started	v4.0	Classic	ApplicationPoolEden	0		
	DefaultAppPool	Started	v4.0	Integrated	ApplicationPoolIden	1		
	COEDS.	Started	v2.0	Classic	ApplicationPoolIden	1		
	(2) restapi	Started	v4.0	Integrated	ApplicationPoolIden	1		

Creating the RestApi Directory

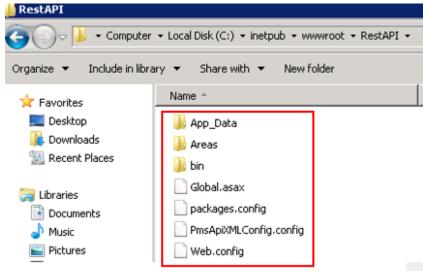
1. Create a new folder under C:\Inetpub\wwwroot and name it RestAPI.



2. Go to the Media Folder that contains the restapi.zip file, and then unzip the file to the new path: C:\inetpub\wwwroot\RestAPI.

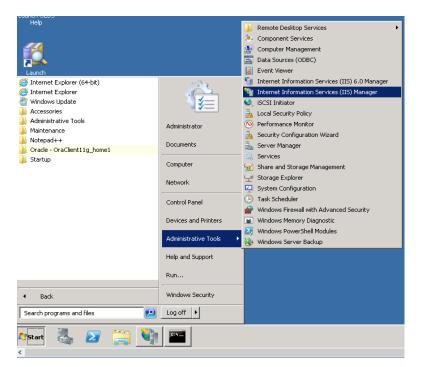
Organize 🔻 🦙 Open 🤜	 New folder 		8== -	0
E 📩 Favorites	Name ^	Date modified	Туре	Size
Tesktop	DOTNet Framework	7/29/2016 6:33 AM	File folder	
Downloads	Deds 🔒	7/29/2016 11:09 AM	File folder	
🔛 Recent Places) Oracle Client	7/29/2016 6:34 AM	File folder	
🗉 🥽 Libraries) other	7/29/2016 6:34 AM	File folder	
Documents	🔒 RestAPI	7/25/2016 11:54 AM	Compressed (zippe	6,62
P → Music P → Pictures Videos Videos P ← Computer e ← Local Disk (C:) e ← New Volume (D:) w ← Network	Extract Compressed (Zipped) Folders Extract Compressed (Zipped) Folders Select a Destination and Extract Files Files will be extracted to this folder: Extinctpub\wwwroot\RestAF Show extracted files when complete		Browse	

3. Verify that the following items are copied to the destination folder:



Creating the RestApi Application

1. On the OPERA Web Services Server, go to **IIS Manager** and then start **Administrative tool** -> **Internet Information Services (IIS) Manager**.



2. Expand Machine Name and expand Sites.

File View Help Connections	Mcrosoft	
Q.• 日1219.	Internet Information Ser	rvices 7
Start Page	Application Server Manager	
Application Pools	Recent connections	Connection tasks
t e skos	Name Server	Connect to localhost
* *	₩JIMEOSSOPERA localhost	Connect to a server Connect to a site Connect to an application
	IIS News	
	IIS News is disabled, click the Enable IIS News link	to get the most recent online news.
	the rest of an and the grant of a state of the second of the	

3. Click **Default Web Site**.



4. Click View Application.



5. Click Add Application.



6. Create an application with the RestApi directory path, and then specify the application pool settings as shown in the following figure:

Add Applicati	on			? X
Site name: Path:	Default Web Site /			
Alias:	85	Application pool: DefaultAppPool		Select
Physical path				
Pass-through Connect as	authentication			
			OK	Cancel

Alias: RestApi

Application Pool: Select the application pool from the list.

Physical	Path: C:	\inetpub	\wwwroot	∖restApi
----------	----------	----------	----------	----------

Edit Applicati	on			? X
Site name: Path:	Default Web Site			
Alias:		Application pool:		
RestAPI		ResApi		Select
Example: sal	es			
Physical path	1:			
C:\inetpub\w	/wwroot\RestAPI			
Pass-through	n authentication			
Connect as	Test Settings			
		[OK	Cancel

7. Click OK.

Creating the Cache DB Oracle schema

For OPERA, perform the steps in this section on the OPERA DB Server. For Suite8, use the existing Suite8 Schema. The table WPER already exists in Suite8 schema.

Perform the following steps on the Database Server.

The RESTAPI schema, also called Cache DB is not related or linked to OPERA/Suite8 schema and must not be granted any role to access any other Oracle schema in the database (especially OPERA or OXI schema). RESTAPI schema can be created in the OPERA/Suite8 Oracle database or in a separate dedicated Oracle database.

The data in the Cache DB is dynamic and normally currently require approximately 1 record per active user session. When the sessions become inactive or logged out, associated DB records will be removed.

When the delta API will be implemented, the amount of data stored in the Cache DB will increase. It is then estimated to have about 100 records per active user session.

Follow these steps to create the cache DB Oracle schema:

- 1. Log in to the OPERA PMS or Suite8 Database server or single server.
- 2. Log in to **SQL Plus** by typing **SQLPLUS** in a command prompt and then pressing enter.

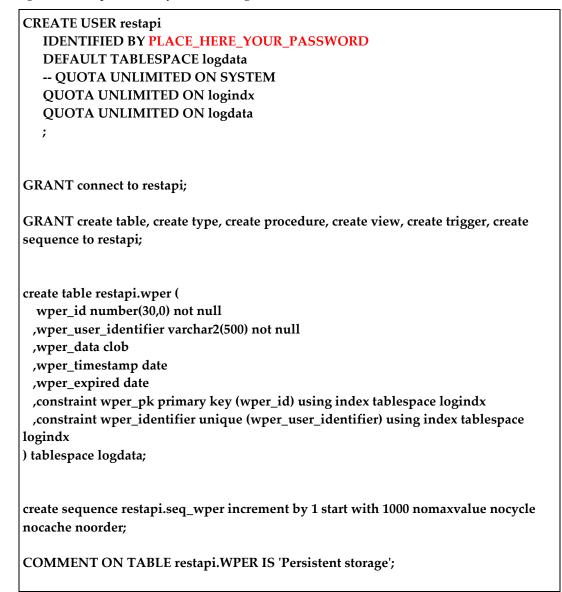
```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.
C:\Users\Administrator>sqlplus
SQL*Plus: Release 11.2.0.4.0 Production on Fri Aug 5 12:52:14 2016
Copyright (c) 1982, 2013, Oracle. All rights reserved.
Enter user-name: _
```

3. For username, type in **sys as sysdba**, then press Enter. For password, type in the SYS password that was set Login to the OPERA PMS Server (ask Property to enter Password).

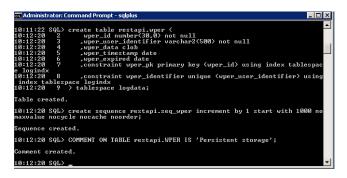
```
    Administrator: Command Prompt - sqlplus
    Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.
    C:\Users\Administrator>sqlplus
    SQL*Plus: Release 11.2.0.4.0 Production on Fri Aug 5 13:04:57 2016
    Copyright (c) 1982, 2013, Oracle. All rights reserved.
    Enter user-name: sys as sysdba
Enter password:
    Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.4.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options
    13:05:18 SQL> _
```

4. Run the following script to create a Cache DB Oracle schema.

Before applying the script, change the schema password and save it because you use it later. If logdata table space already exists, change it to a different one.



5. Copy the amended script, paste it in the command prompt, and then press Enter.



Adjusting Data access Client Configuration Files

Perform the following steps on the Database Server.

1. Locate the Web.config file at: C:\inetpub\wwwroot\RestAPI.

📙 RestAPI					
🌀 🕞 🗸 🕨 🗸 Compute	r + Local Disk (C:) + inetpub + www.root + R	estAPI 🔹 💌 🖅	Search RestAPI		
Organize 👻 📄 Open 🔻	New folder				
🔆 Favorites	Name *	Date modified	Туре	Size	
🧮 Desktop	퉬 App_Data	8/4/2016 9:44 AM	File folder		
鷆 Downloads	퉬 Areas	8/4/2016 9:44 AM	File folder		
🖳 Recent Places	鷆 bin	8/4/2016 9:44 AM	File folder		
📄 Libraries	Global.asax	6/17/2016 4:44 PM	ASAX File		1 KB
Documents	packages.config	6/17/2016 4:44 PM	CONFIG File		2 KB
J Music	PmsApiXMLConfig.config	8/4/2016 10:14 AM	CONFIG File		19 KB
📔 Pictures	📄 Web.config	8/4/2016 9:49 AM	CONFIG File		7 KB
🛃 Videos					

- 2. Right-click and then open the file in a text editor (for example, Notepad).
- 3. Find the following string: oracle.manageddataaccess.client

```
<oracle.manageddataaccess.client>
    <version number="*">
        <settings>
            <setting name="TNS_ADMIN" value="c:\ORACLE\11.2.0\CLIENT\network\admin"/>
            </settings>
            </version>
            </oracle.manageddataaccess.client>
```

- 4. Configure **TNS_ADMIN value** to path where **tnsnames.ora** is stored according to oracle client settings.
- 5. To define proxy settings to connect to, add:

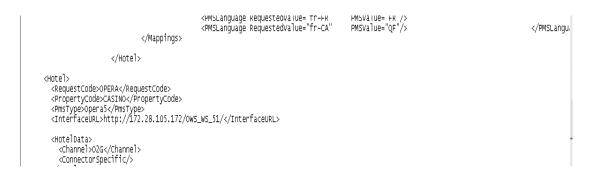
```
<defaultProxy>
<defaultProxy>
        <proxy bypassonlocal="False" usesystemdefault="True"
proxyaddress="http://127.0.0.1:8888" />
</defaultProxy>
```

Adjusting PmsApiXMLConfig file.

1. Locate the **PmsApiXMLConfig.config** file and open it with a text editor (for example, Notepad).

📙 RestAPI					_	
G 🕞 🗸 🕨 - Computer	Local Disk (C:) inetpub wwwroot restAPI r	- 🐓	Search RestAPI			P
Organize 🔻 📄 Open 👻	New folder			:==	- 🔟	0
🗆 🚖 Favorites	Name *	Date modified	Туре	Size		
Tesktop	🐌 App_Data	8/4/2016 9:44 AM	File folder			
Downloads	🐌 Areas	8/4/2016 9:44 AM	File folder			
🔚 Recent Places	\mu bin	8/4/2016 9:44 AM	File folder			
□ □ □ Libraries	📄 Global. asax	6/17/2016 4:44 PM	ASAX File		1 KB	
	packages.config	6/17/2016 4:44 PM	CONFIG File		2 KB	
🕀 🌙 Music	PmsApiXMLConfig.config	8/4/2016 10:14 AM	CONFIG File		19 KB	
🕀 🔛 Pictures	Web.config	8/4/2016 9:49 AM	CONFIG File		7 KB	

2. Scroll down until you see the following string:



3. Replace with the following values:

Request Code: no specifications, but no space, no special character Property Code: Resort Property Code PmsType: OPERA5 for OPERA and Suite8 for Suite8 Interface URL: URL of OWS Channel: O2G

Multi-property

Multi-property functionality is not given within the app. For multi-property connections, configure a request code in PmsApiXMLConfig.config for each property. The same OPERA or Suite8 Web Service could be used.

Here an example for two properties:

<Hotel>

<RequestCode>Property1</RequestCode> <PropertyCode>CASINO</PropertyCode> <PmsType>OPERA5</PmsType>

<InterfaceURL>http://server_IP_address/OWS_WS_51/</InterfaceURL>

```
<HotelData>

<Channel>O2G</Channel>

<ConnectorSpecific/>

</HotelData>

.....
```

</Hotel>

<Hotel>

<RequestCode>Property2</RequestCode> <PropertyCode>TEJALQA</PropertyCode> <PmsType>OPERA5</PmsType>

<InterfaceURL>http://server_IP_address/OWS_WS_51/</InterfaceURL>

</Hotel>

Within the app, configure two endpoints with the correct request code. To switch between the properties, the user logs out of property 1 and logs in to property 2.

4. Scroll down to Locate the following DB String and change setting pointing to the Cache DB instance.

<DB>

<Service>Oracle Alias</Service> <UserName>Oracle User</UserName> <Password>encrypted password</Password>

</DB>

Change the values as follows for your environment:

Service: TNS Alias to connect to Cache DB Oracle schema: OPERA / Suite8

UserName: Restapi schema name: RESTAPI

Password: Encrypted password for the schema. The following steps explain how to encrypt the password.

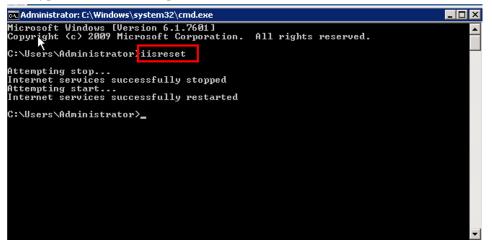
- 5. To retrieve the password to write to the password element, open the localhost page where RestAPI is installed with the URL /setup for example: http://localhost/RestAPI/setup The URL works only if invoked as localhost; otherwise the access will be declined. Open the index-cshtm and copy the link: https://code.jquery.com/jquery to Microsoft Internet Explorer and then add the URL as a trusted site, setting the security level to low.
- 6. Enter the schema password that was used earlier when creating the DB cache, and then click **Encrypt** to encrypt the password.

Password ---- Encrypt

- Copy the encrypted password to the PmsApiXMLConfig file.
 <Password>:\V\$!EQ7rw20EqnZBYExhVk2akqV\$?VK5b01YBbh3w59LwjFtCK5FHvJM6FpuaeIdchaQJTx\$m5ArxkcBGmxM6NTGUw== </Password>
- 9. Restart IIS.

Whenever you change the restapi files, restart IIS as follows:

- 1. Open CMD on the OPERA Web Services server Start> Run> CMD
- 2. Type iisreset, and then press Enter.



Parameters used in PmsApiXMLConfig.config file

<Feature Name="ViewDashboards" Enabled="false" Group=""/><!--Global: Turn view of dashboard on and off -->

<Feature Name="ListMyRooms" Enabled="true"/><!--Suite8: show my assigned rooms for maids-->

<Feature Name="ListAllRooms" Enabled="true"/><!--Suite8: show all assigned rooms for maids-->

<Feature Name="ChangeRoomStatus" Enabled="true"/><!--Global: Option to change room status on and off -->

<Feature Name="ModifyHousekeepingStatus" Enabled="true" Group=""/><!--Global: Option to change housekeeping occupied status on and off-->

<Feature Name="ViewMaintenance" Enabled="true" Group=""/><!--Global: Option to view maintenance task-->

<Feature Name="AddMaintenance" Enabled="true" Group=""/><!--Global: Option to add maintenance task-->

<Feature Name="ResolveMaintenance" Enabled="true" Group=""/><!--Global: Option to resolve maintenance task-->

<Feature Name="MaintenancePictureSupport" Enabled="true" Group=""/><!--Global: Option to manage pictures in maintenance task-->

<Feature Name="ProtectExistingComment" Enabled="true" Group=""/><!--Global: if true, new comments are added to existing comments-->

<Feature Name="ViewReservation" Enabled="true" Group=""/><!--Global: Option to view reservations-->

<Feature Name="CheckIn" Enabled="true" Group="COMPLEX"/><!--Global: Option to Check In reservations-->

<Feature Name="AddReservationToQueue" Enabled="true" Group=""/><!--Global: Option to add reservations to queue-->

<Feature Name="ChangePaymentTypes" Enabled="true" Group=""/><!--Global: Option to change payment type-->

<Feature Name="ChangeRoomForArrival" Enabled="true" Group=""/><!--Global: Option to assign room to reservations-->

<Feature Name="CancelReservation" Enabled="true" Group=""/><!--Global: Option to cancel reservations-->

<Feature Name="CreateDoorKey" Enabled="true" Group=""/><!--Global: Option to create key-->

<Feature Name="ChangeGuestAddress" Enabled="true" Group=""/><!--Global: Option to change address of the guest-->

<Feature Name="PostPayments" Enabled="true" Group="GROUP1"/><!--Global: Option to perform payments-->

<Feature Name="CheckOut" Enabled="true" Group="GROUP1"/><!--Global: Option to perform check out-->

<Feature Name="EarlyCheckOut" Enabled="false" Group="GROUP1"/><!--Global: For future releases-->

<Feature Name="PostRevenue" Enabled="true" Group=""/><!--Global: Option to post revenue--> <Feature Name="AdjustPostings" Enabled="true" Group=""/><!--Global: For future releases-->

<Feature Name="PreviewRegCard" Enabled="true" Group="RegCard"/><!--Global: Option to preview registration card-->

<Feature Name="SignRegCard" Enabled="true" Group="RegCard"/><!--Global: Option to sign registration card-->

<Feature Name="PrintRegCard" Enabled="true" Group="RegCard"/><!--Global: Option to print registration card-->

<Feature Name="PreviewInvoice" Enabled="true" Group="Invoice"/><!--Global: Option to preview folio-->

<Feature Name="ViewInvoiceDetails" Enabled="true" Group="Invoice"/><!--Global: Option to invoice details-->

<Feature Name="PrintInvoice" Enabled="true" Group="Invoice"/><!--Global: Option to print folio--> <Feature Name="UpdateGuestProfile" Enabled="true" Group=""/><!--Global: Option to change guest profile-->

<Feature Name="CustomEmailForFolioSending" Enabled="true" Group=""/><!--Global: Option enter custom email during folio sending-->

<Feature Name="ViewHouseStatusConfig" Enabled="true" Group=""/><!--Global: For future releases-->

<Feature Name="CreditCardPayOnlyPostings" Enabled="true" Group=""/><!--Global: Option to perform pay only credit card payments-->

<Feature Name="ChangeProfileDetailsOnBillingWindow" Enabled="true" Group=""/><!--Global: Option to change the profile details on billing window, OPERA5 always false-->

<Feature Name="AllowRemoveProfileVip" Enabled="true" Group=""/><!--Global: Option to remove VIP code from guest profile, OPERA5 always false-->

<Feature Name="CreateNewBillingWindow" Enabled="true" Group=""/><!--Global: Option to create new billing window, OPERA5 always false-->

<Feature Name="UnassignCreditCardFromBillingWindow" Enabled="true" Group=""/><!--Global: Option to change payment method back to non-credit card payment, when credit card was assigned--> <Feature Name="OfflineCreditCardPayment" Enabled="false" Group=""/><!--Global: Option to handle credit card without any interface, no PAN can be entered in Hotel mobile general-->

<Feature Name="SkipCCAuthorization" Enabled="false" Group=""/><!--Global: Option to suppress authorization calculation during check out-->

Parameters for UserDataPrivacy:

<Field Name="dateOfBirth" MaskType="Hidden"/> <!−Hide date of birth→

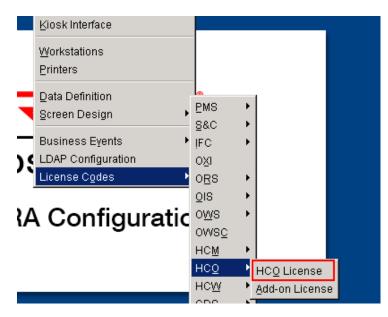
<Field Name="Telephone" MaskType="Masked" Mask="1-800-PERFECT"/> <! → Mask telephone number→

6 Configuring OPERA 5 Hotel Property

Perform the following procedures on the OPERA DB server.

Activating the License Code

 To activate the OPERA to GO license, go to OPERA > Configuration > Set Up > License Codes > HCO > HCO License.



2. Specify settings as shown in the following figure:

🙀 HM - OPERA License Codes	
Application OPERA HCO	✓ Acțive
Propert <mark>/</mark> HM	
Property Name Hotel Mobile	
Product Code OHO_500	
Number of Rooms 155	
Activat	e All <u>Q</u> K <u>C</u> lose

Activate the OWS license, go to OPERA > Configuration > Set Up > License Codes > OWS > OWS License.

Configuring O2G

Go to **Configuration -> Channels -> Channel set up** and verify that **Channel = O2G** is created).

Channel		🛨 Channel Ty	/pe	<u>*</u>	Rate Type		🛨 🗖 Inactive		Searc
Oreate/Upda	te Channels							1	
Channel	Channel 1	Type Name	Rate Pe	riod Future Ava	ail D Rate Change	Access Coc	Session Cor		
02G	WEB	OPERA2GO	26	365	FIRSTNIGHT	Y	N		
									Chang
									Selec
									Selec

Kiosk Interface

Go to **Setup -> Kiosk Interface -> Channel = O2G** and create or configure the Kiosk configuration for channel O2G as configured in the screenshot. Make sure to include all the forms of payments available.

Guest Stationery C Erint	Room Type Change
 Generate Eiles C Generate Data 	Allow if multiple rates Price Delta %: - +
Allow Check In Allow Check Out Checkout if all Windows paid Print only those windows paid	i by guest
Credit Card Authorization by E Generate Advance Bill at Che	
Windows for Check Out 1,2,3,4	5,6,7,8
Walkin Rate Codes	
Default Market Code	1
Default Source Code	1
Available Package Codes	1
Method Of Payments AA,AM,A	X,CA,CK,DA,DB,DC,DP,DS,MC,
	ip Time

Do not activate **Print only those windows paid by guest** if this is hotel agent-facing functionality.

Blob Schema

You need a blob schema to save pictures and other files generated by the Hotel Mobile app.

To install a Blob schema:

- 1. Go to: D: MICROS OPERAtools.
- 2. Right-click on **OPERA_SMT.exe** and run the file as an **administrator**.

😼 OPBackupSetup	.EXE	12/30/2013 2:57 PM	Application	з
😿 OPERA_SMT.ex		11/20/2015 11:06 AM	Application	5
🗾 Opera_SMT.pdl	Open Run as administrator	9/17/2002 8:27 AM	Adobe Acrobat Doc	
🚳 operawiz.dll	Troubleshoot compatibility	10/16/2014 5:00 PM	Application extension	5
🌃 OProcManDumr	Pin to Taskbar	7/21/2014 6:14 AM	Application	
OPurge.exe	Pin to Start Menu	5/11/2007 10:13 AM	Application	
🗮 ORda11g.exe	Restore previous versions	10/6/2015 7:47 AM	Application	2
🔏 ORMSOptInstV	Send to	6/11/2015 10:20 AM	Application	2

3. Click Start.



4. Click Schema Maintenance.



5. Specify settings as follows. Click **Connect**, and then click **Next**.

Schema / User	OPERA	
Password		
Oracle Alias	OPERA	•
Create New Schema / Us	er 🗖	Current
Run Grant Scripts		Connect

6. Click Blob Data Schema.

Server API Version	5.0.05.00 E00011	Update Server API
Ch <u>e</u> ck Schema	<u>C</u> ompile Schema	Analyze Schema
Refresh Synonyms	Kill Sessions Update Certifica	
Objec <u>t</u> Counts	JAVA Synonyms Check DB Obj	
Refresh <u>O</u> XI/OXI-Hub	Blob Data Schema	Property Shells
Screen Painter Data	Opera Policies	DB Snapshot
Opera Cache	Import Licenses	Opera Bl Schema
O2H Migration Prep.		Check Wrapped Code
		<u>N</u> ext E <u>x</u> it

7. Follow the steps to create the schema (needs SYS password).

The following figure shows a completed schema:

Schema Management fo OPERA on OPERAC	r OPERA@OPERA CLOUD - DB-Version: 11.2.0.4.0	
Schema / User	OPERA_BLOB	
	/ blob schema is already configured or this Opera schema.	
Messages	stave for black askama ast to OREDA . PLOP	
	eters for blob schema set to OPERA_BLOB ma exists: OPERA_BLOB	
	Done	

Registration Cards

- 1. Go to Configuration -> Set up -> Report Set up -> Reports Registration Card configuration.
- 2. Select **Registration Card** from the **Report Group** drop-down list.

Name		Report Group Registration Cards		Searc
PMS	₩ 58C	Property CASINO		
REP Name	Report Name	Report Group	s 🔺	
sample_registrati	on_card Registration Card	Registration Cards		
				AI
			——————————————————————————————————————	Ngne
				Cop
				New
				Edit
				Delet
			•	Close

3. Verify that the registration for Hotel Mobile appears in the list. If necessary, add one by clicking **New**.

CASINO - Reports - Configuration		
Name	Report Group Registration Cards	Search
M PMS 🙀 CASINO	- Reports - Edit	
sample_registration_	rt Name Registration Card	
	m to run	All
	anguage English	None
	stination PRINTER 🛓 Copies 1	
Repo	rt Group Registration Cards	
		Сору
	₩S ⊑ S&C	
Custor	ize Parameter <u>Q</u> K <u>C</u> lose	New
		Edit
		Delete
		Close

Kiosk Registration Cards

- 1. Go to **Configuration -> Set up -> Report Set up -> Reports**.
- 2. Select Kiosk Confirmation from the Report Group drop-down list.

Name	- Report of day	Kiosk Confirmation		
EP Name	Report Name	Report Group	s 🔺	
mple_registration_card	Sample Klosk Registration	Kiosk Confirmation		
				yew.
				⊑dit
				elete
			I I I	lose

3. Click **Edit** or **New** to update with the registration card to be generated by the Hotel Mobile app.

File List	
Find %registration	Report Group Klosk Confirmation
Filename sample_registration_card.rep chkregister.rep	ame Sample Klosk Registration
	ame sample_registration_card run age English
	ation PRINTER Copies 1 roup Klosk Confirmation
	Parameter QK Glose
	Qelete Qiose
Eind <u>QK</u> Cancel	

Application Settings

If more than one registration card is set up in OPERA, configure application settings as follows:

Go to Configuration -> Setup -> Application Settings -> Group: General -> Settings ->
DEFAULT ELECTRONIC REGISTRATION CARD -> setup with the correct Registration
Card with the signature merge code.

roperty CASINO	C Eunctions	C <u>P</u> arameters	© <u>S</u> e	ettings
)roup	Name		Value	
	DATA EXTRACTION CSV D/	ATE FORMAT	YYYY-MM-DD	
R	DATA EXTRACTION FORMA	хт	CSV	
ACK OFFICE	DATABASE TIME ZONE REG	JION	US/Central	
LOCKS	DAYS TO MASK CREDIT CA	RD INFORMATION	365	
ASHIERING	DECOMPRESSION UTILITY	/	UNZIP	
CATERING	DEFAULT ELECTRONIC PA	AYMENT RECEIPT	sample payment	
OMMISSION	DEFAULT ELECTRONIC RE	EGISTRATION CARD	sample_registration_card	
OMP ACCOUNTING	DEFAULT REGISTRATION	CARD		
AS ACTIVITIES	DEFAULT TIME TO UNLOC	KACCOUNT	5	
ND OF DAY	DEFAULT WALLET PASSW	ORD	*****	
XPORTS	EMAIL ATTACHMENT DIRE		EMAIL ATTACHMENTS	
RONT DESK	EMAIL ENCODING			
GENERAL	FINANCIAL DAILY STATISTI	CS DATE TYPE	TRX	
3RC	GAMING ID	0000/1121/112	OFF	
FC	IMAGES LOCATION		file://c:\	
(IOSK			116.00.1	· ·
MEMBERSHIP	Report Name for Electronic Si	ignature Registration Card.		
DEDS				
ows				
ROFILES				
RATES				
RESERVATIONS				

- 2. Activate the **KIOSK Parameter** under Configuration -> Set up -> Application Settings -> Kiosk.
- 3. Set USE KIOSK E-SIGNATURE REGISTRATION CARD = Y.

🙀 CASINO - Application Settings						
Property CASINO 👱		C Eunctions	⊙ <u>P</u> ara	ameters	C Settings	
ACTIVITY AR BLOCKS CASHIERING	x	ALLOW MULTIPLE CHECK IN INSPEC ENABLE UDF FOR	KIOSK			
	×	OVERRIDE VIDEO	CARD APPROVAL DA	TA		
EXPORTS FRONT DESK GENERAL	x	SEND COMMENTS SEND DO NOT MO				
GRC IFC KIOSK	X X X	SEND WINDOW ON	IG IN RESERVATION	YN		
MEMBERSHIP OEDS ORMS	×	SHOW INSPECTED SPECIALS COMME USE KIOSK E-SIGN		ON CARD		
PROFILES RATES RESERVATIONS	Use k	≺iosk e-Signature Reg	jistration Card			1
ROOMS MANAGEMENT SELLING SCREEN						_
				Copy Find	Edit <u>C</u> I	lose

4. To enable check-ins without a credit card on file, go to Configuration -> Set up -> Application Settings -> Kiosk and set ALLOW GUEST CHECKIN WO CC = Y.

🙀 HM - Application Settings							
Property HM		C Eunctions	⊙ <u>P</u> ar	ameters		C Sett	tings
Group	X	Name					_
AR 🔺		ALLOW CHECK IN PIC	KUP ROOM STAT	US			
BLOCKS	X	ALLOW GUEST CHEC	KIN WO CC				
CASHIERING		ALLOW MULTIPLE ME	MBERSHIPS ON F	RESV			
END OF DAY		CHECK IN INSPECTE	D ROOMS ONLY				
EXPORTS		ENABLE UDF FOR KIC)SK				
FRONT DESK		GET ARRIVING RESER	RVATION SUPPRE	SS RATE AMO	UNT		
GENERAL	x	OVERRIDE VIDEO CH	ECKOUT				
IFC		RETURN CREDIT CAP	RD APPROVAL DA	TA			
KIOSK		SEND ALERTS AND S	TATISTICS ON RE	SV FETCH			
MEMBERSHIP		SEND COMMENTS IN	RESERVATION Y	V			
OEDS		SEND DO NOT MOVE	ROOM FLAG YN				
PROFILES		SEND FIXED CHARGE					
RATES		SEND PAY ROUTING I		YN			
RESERVATIONS		SEND WINDOW ON C					
ROOMS MANAGEMENT	x	SHOW INSPECTED R					_
	<u> </u>	ONOW ING! ECTED IT	00000				
	Allow	guest to check in room i	n pickup status if ti	he parameter i	s set		_
							-
I				Сору	Find	Edit	Close

5. Go to Configuration -> Set up -> Application Settings -> General and set the parameter **ATTACHMENT STORAGE = BLOB**.

	C Parameters	Settings
	Value	
ALTERNATE NAME LANGUAG	E	
ATTACHMENT DIRECTORY N	AME ATTACHMEN	ITS
ATTACHMENT MAXIMUM SIZE	2	
ATTACHMENT STORAGE	BLOB	
BASE ADF URL		
BASE LANGUAGE	E	
CENTRAL CURRENCY CODE		
COMPRESSION UTILITY	PKZIP	
CURRENCY DIVISOR VALUE		
CURTAIN COLOR	BLUE	
CURTAIN STYLE	MAIN_	
CUSTOM CURTAIN IMAGE		
DASHBOARD LAYOUT VIEW	DASHBOARD	01
DATA EXTRACTION CSV DATE	E FORMAT YYYY-MM-DD)
NT DATA EXTRACTION FORMAT	HTML	

6. Go to Configuration -> Set up -> Application Settings -> Kiosk and activate the parameter **OVERRIDE VIDEO CHECKOUT = Y**.

	<u>-</u>	C Eunctions	e Parameters		C Settings
Group	. X	Name			
BLOCKS			PICKUP ROOM STATUS		
CASHIERING		ALLOW GUEST CH			
END OF DAY			MEMBERSHIPS ON RESV		
EXPORTS		CHECK IN INSPEC			
FRONT DESK		ENABLE UDF FOR			
GENERAL			SERVATION SUPPRESS RATI		
FC	x	OVERRIDE VIDEO		AMOONT	
KIOSK	<u> </u>		ARD APPROVAL DATA		
MEMBERSHIP			STATISTICS ON RESV FETO		
DEDS			IN RESERVATION YN	,H	
PROFILES					
RATES		SEND DO NOT MOV			
RESERVATIONS		SEND FIXED CHAR			
ROOMS MANAGEMENT			G IN RESERVATION YN		
SELLING SCREEN		SEND WINDOW ON			
DELLING BUREEN	X	SHOW INSPECTED	ROOMS		

7. Verify that **Report Application Server Name** under Configuration -> Set up -> Application Settings -> General -> Settings matches the report server name in **OApp11g**.

🙀 HM - Application Settings				
Property HM	C Eunctions	C <u>P</u> arameters		
Group	Name	V	/alue	_
AR 📥	PRIORITY FOR BI DATAMART MESSA	JES N	IORMAL	
BLOCKS	PROPERTY LOGO			
CASHIERING	PROPERTY TAX ID			
END OF DAY	PROXY CREDENTIALS			
EXPORTS	PROXY SERVER			
FRONT DESK	PROXY SERVER BYPASS			
GENERAL	PURGE BATCH PROC LOG DAYS	1	1	
IFC	PURGE UNNECESSARY CREDIT CAR	RDS		
KIOSK	REPORT APPLICATION SERVER NAM	IE		
MEMBERSHIP	REPORT HISTORY PURGE DAYS	3	0	

8. Go to Configuration -> Set up -> Application Settings -> OWS and set the setting **FETCH RESERVATION = ALL**.

operty M003A 👱	C Eunctions	C Parameters	Settings
Group	Name	Value	
	FETCH RESERVATION	ALL	
AR	OWS ACCT LOCK TIMEOUT	30	
BACK OFFICE	OWS BROCHURE EMAIL SU	JBJ Your Brock	nure
BLOCKS	OWS PASS CHANGE DAYS	90	
CASHIERING	OWS USERID-PASSWORD	REMINDER	
CATERING			
COMMISSION			
COMP ACCOUNTING			
END OF DAY			
EXPORTS			
FRONT DESK			
GENERAL			
GRC			
IFC			
KIOSK			
MEMBERSHIP			
OBI CLIENT	This setting allows the OPERA	Web Suite Engine to retrieve reservation	n for either all reservations,
OEDS	regardless of entry point or for	only created through OWS.	
OWS			
PROFILES			

Channel Parameters

- 1. Go to Configuration -> Channels -> Channel Property Parameters -> Search for channel = **O2g** and **uncheck property check box**.
- 2. Set the channel parameter **MASK CC FOR WSRESPONSE = Y**.

С	ASIN	IO - Channel Property Parameters				
		Channel 026 E C Parameters Property CASINO E I Property C Settings		Search		
Γ	X	Name	•			
ľ		ALLOW PAYMENT WITHOUT CREDIT CARD NUMBER				
ľ		DELETE PROFILE ATTRIBUTES				
		DO NOT SEND INVENTORY MESSAGE FOR STATUS UPDATE				
		DO NOT SEND SEPARATE INVENTORY MESSAGE WHEN AVAILABILITY OPEN/CLOSE LOG RESERVATION REGRETS				
	х					
	х	MASK CC FOR WSRESPONSE				
	X	MASK PILFOR WSRESPONSE				
		OVERRIDE_CHAIN_OWNERSHIP				
		OWNERS CONTRACT REFERRAL YN				
		OWS_FULL_PROTECTION				
		RETURN CP2 FIELDS IN AVAILABILITY AND RESERVATION RESPONSE				
		VIEW COMMISSION PERCENT	-			
				Changes		
Wł	nen t	his parameter is set to Y, the Credit Card Number (except last 4 digits) will be masked in		Сору		
٥V	VS re	sponses. When this parameter is set to N, the Credit Card Number will be unmasked in		⊑dit		
۶V	VS re	esponses.	Ţ	Close		

Hotel Mobile and Print Functionality

Registration cards and folios are transferred as PDFs to the application. To print PDFs, install the PDF Reader on the Hotel Mobile device.

When using the Windows App, registration cards and maintenance pictures are stored temporarily on the Windows machine in folder:

A network printer should be installed on the application because the Hotel Mobile application cannot use printers.

Hotel Mobile and Send E-Mail Functionality

E-mails are sent through the PMS configuration. The app does not send e-mails. To configure PMS to send e-mails:

Go to OPERA 5-> Configuration->Property -> Delivery Method Maintenance Folio -> Billing and specify settings as shown in the following figure:

05.00/11] HM - Hotel Mobile	07-27-16		in HM - Delivery Method Maintenance	-
Rooms Management AR Setup Channels	Property Exit		BILLING	
	Property Types Marketing Regions Marketing Cities		Email Fax Activate Email Delivery I ⁺	
	Property <u>D</u> etails	-	"From" E-Mail Address	
	Property UDE		User Password	
	Delivery Method	Billing Other Folios	Email Subject	
		Confirmation General Global Alerts	Email Body	
		Online Checkin File Export		<u>OK</u> <u>C</u> lose

Report Builder

To capture signatures on registration cards, use Report Builder to add the **<sgnature capture component>** field to the registration card RDF file.

1. On the RDF, draw the field in the appropriate section of the file by holding the left key of the mouse and drag the cursor to the desired field size.

zharges.	. en mar me manarce perion, company or accounter	p.		
	-1 -1]	
Signa	ture:			
	Enjoy your stay with us!		- <u>B</u>	

2. Double-click the field and specify settings as follows:

Name: Digital Guest signature

Source: <guest_signature_placeholder>

Visible: Yes

Field: F_1				
General Information				
Name	Guest Signature			
Comments				
≡ Field				
Source	guest_signature_placeholder			
Visible	Yes			
= Column				
Column Type	Database - Scalar			
Datatype	Character			
Width	36			

3. Save the file, compile it, and then export it to the runtimes.

C	ompile - san	nple_registration_card			×	
:	Compilation o	completed successfully.				
	0	25	50	75	100	
:					<u></u>	
1					T	at the
:	Interrupt	<u>R</u> esume		ancel <u>G</u> oto Error		gree to b f these
-		Friday Control of Cont	0			
Г		gigital Gue	st Signature M	S		

Activating Services

The following OPERA 5 Web Services must be installed and fully functional:

- 1. Go to Start > Search > Services.
- 2. Click each service below and set the service to Automatic and Start:

Opera Access Point Housekeeping

Opera Access Point Lov

Opera Access Point Name

Opera Access Point Reservation

Opera Access Point ResvAdvanced

Opera Access Point Security

100			
Opera Access Point-Activity		Manual	Local System
Quera Access Point-Availability	Started	Manual	Local System
Q Opera Access Point-Brochure		Manual	Local System
🔍 Opera Access Point-Folio		Manual	Local System
🤹 Opera Access Point-HouseKeeping	Started	Manual	Local System
🔍 Opera Access Point-Lov	Started	Manual	Local System
🤹 Opera Access Point-MeetingRoom		Manual	Local System
🧛 Opera Access Point-Membership		Manual	Local System
🤹 Opera Access Point-Name	Started	Manual	Local System
🔍 Opera Access Point-Payment	Started	Manual	Local System
🧟 Opera Access Point-Populate Price		Manual	Local System
🤹 Opera Access Point-QueueHandler		Manual	Local System
Q Opera Access Point-Reservation	Started	Manual	Local System
🔍 Opera Access Point-ResvAdvanced	Started	Manual	Local System
🔍 Opera Access Point-Security	Started	Manual	Local System
🔍 Opera Access Point-Stage Profile		Manual	Local System
🔍 Opera Access Point-Stay History		Manual	Local System
Quera Access Point-UnitOwners		Manual	Local System
🔍 Opera Access Point-Utility	Started	Manual	Local System

OPERA V5 On Premise Recommended Settings

Oracle Hospitality recommends that hotels activate and configure the following applications to take full advantage of the Hotel Mobile app:

- Facility Tasks
- Housekeeping Attendants

7 Configuring the OPERA 5 Hotel Property Interface

Configure the OPERA 5 Hotel Property interface to support adding and changing payment methods by capturing the card data with a pin entry device.

 Go to Configuration>Setup -> Property Interfaces -> Interface Configuration and check for an active Interface running with CCW or EFT IFC Type with a Payment Partner that supports EMV.

Resort CAS	NO	± 11	nterface Type	cw ±	Interface ID	±	Search
l‴ tr	nclude Inactive						
Interfaces	Schema		Errors	Messages	Failed Messages	Controller Registry	BeinitA
E-CASINO		Resort	Interface Na	me	IFC Type	Status	Start Al
LNPLQAIFC		CASINO		Card Interface (MLI)		RUNNING	Stop Al
							Start
		-					Stop
							Go To P
		-					Copy
							Upgrad
		-					M/C Set
							New
		-					⊑dit
		<u> </u>					Delete
						-	Close

- 2. Go to Setup -> Application Settings -> IFC Group ->Parameters ->CHIP AND PIN and verify that the parameter is active.
- 3. Go to Setup -> Property Interfaces -> Credit Card Interface -> Functionality and Setup -> Card Specific Rules. Configure existing Payment Types as **Chip and Pin Types**.

🤹 ODH - Credit Cards Functionality Setup					
Global Rules					
☑ Online Settlement	🗖 Temporarily Store Offline Settlemer	nts			
E Batch Settlement	🗖 Manual Authorization Notification				
🗹 Send Total Tax in Settlements	Activate Installments				
Credit Card Type Check/Usages					
Night Audit Remote Authorization					
🗖 Blacklist Card Check					
🗌 🗖 Force Auth. During Check In / Interactive /	Auth. Window				
Card Specific Rules					
Authorization at Check-In	Types AX,DS,MC,VA,VI	¥			
Authorization Reversal Allowed	Types	±			
Authorization during Stay/Deposit	Types AX,DS,MC,VA,VI	ŧ			
Authorization Settlement at Check-Out	Types	±			
🗹 Deposit CVV2 Check	Types AX	¥			
Deposit Address Verification	Types AX	ŧ			
🗹 Chip and Pin	Types AX,MC,VA,VI,	•			
	<u>Q</u> K <u>C</u> los	e			

4. For Hotel Mobile to allow the selection of a device, you need to receive the LOV for terminals and devices. This needs to be the mobile terminals and devices configured on the **Workstation Setup** tab in the CCW/EFT IFC Configuration.

🕌 OPERA Configuration[Version 5.5.3.0]	ODH - Opera Demo Hotel, Small	05/25/06	
Window			
🙀 IFC Web Configuration - Edit			
Interface # 9034			
IFC Type CCW 🛨 Product Co	de MPG Menu type	🛓 Menu name	License Code 4493322437
Name Micros Payment	Machine	Controller Port	Version
Interface ID MPG_ IFC8 Product Co	de Program	Vnc Port	Cashier ID 9998 ±
🗖 Active Y/N 🛛 🗖 Display	IFC Auto start Path ID 1 Time	eout 45 Msg Expires after	🗌 Use Data Through
XML Configuration	General Class of Service Impor	t Rooms Workstation Setup Translation	Custom Data
	Terminal	Device IP Location	Туре
	MOBILE1	222 Left Elevator	M
	MOBILE2	333 Right Elevator	M
	MOBILE3	444 Concierge	M
	MOBILE4	555 Pool Desk	M
	OPERAWIN7JCVM.FT.MICROS.COM.4965114	48575 OPERAWIN7JCVM.FT.MICROS.COM	.49651144R
	M41744.US.MICROS.INT.449837159	8596 M41744.US.MICROS.INT.449837159	R New
	JODI2.FT.MICROS.COM.210085138	8653 JODI2.FT.MICROS.COM.210085138	R
			Edit
			▼ Delete
	toom Translation		

8 Configuring Suite8

Most of the Suite8 Property configuration is taken as it is used for a hotel operation. For example, the room types are used as they are used in the Suite8 Property using the FAT client. Functionality such as Maintenance and a correct Housekeeping setup help to use Hotel Mobile as it is designed for. The following Suite Property configuration settings are needed.

XML Interface

- 1. Go to Suite8 Setup -> Global Settings -> Interface -> Misc. Interface 3 -> XML Interface.
- 2. Enter the paths in the **Report Cache Folder** and **Report Export Folder** fields where the system stores the temporary registration cards and folios.

Report Cache Folder	c:\temp
Report Export Folder	c:\temp

Kiosk Interface

- 1. Go to Suite8 Setup -> Global Settings -> Interface -> Misc. Interface 3 -> Kiosk Interface.
- 2. Select a default Registration Card.
- 3. Enter the path in the **Report Export Path** field where the system stores the reports for the Kiosk Interface.

Kiosk Interface			
Registration Card	73401 Registration Card Multi Guest (ED) 💌		
Report Export Path	C:\Fidelio\KIOSK		

The cache folders used by the XML Interface and Kiosk Interface must be on the XML Interface workstation.

Registration Card

- 1. Go to Suite8 Setup -> Global Settings ->Reservation -> Reservation 4 tab to define the registration card used for Hotel Mobile.
- 2. Select the Registration Card Template to support the signature placeholder.

Registration cards	
Registration Card Template	73401 Registration Card Multi Guest Exa 💌

Folio Style

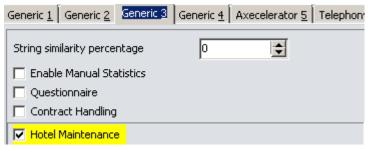
- 1. Go to Suite8 Setup -> Global Settings ->Reservation -> Reservation 1 tab to define the folio style used for Hotel Mobile.
- 2. Select the **Default Folio Style for Reservations.**

Default Folio Style for Reservations Folio Detailed	▼
-----------------------------------------------------	---

Maintenance

Hotel Mobile can manage maintenance tasks. Activate the maintenance module in the Global Settings as follows:

- 1. Go to Suite8 Setup -> Global Settings -> Generic -> Generic 3.
- 2. Select Hotel Maintenance.



- 3. Configure the Maintenance Module as described in the Suite8 Property Help.
- 4. Create a user for every maintenance worker who logs in to Hotel Mobile.
- The minimum configuration is to support Maintenance Types under Suite8 Setup -> Miscellaneous -> Maintenance. It offers more functionality that can be configured as described in the document.

Housekeeping

The housekeeping component of Hotel Mobile works without additional configuration. Hotel Mobile supports assigning rooms to maids for cleaning and separate logins for maids and housekeeping supervisors. Maids can only see their assigned rooms. Housekeepers can also see rooms assigned to other maids.

At a minimum, configure settings as follows:

Attendant Group

- 1. Go to Suite8 Setup -> Reservations -> Attendants Groups.
- 2. Define one group with the role Maid and one with the role Housekeepers.

8 Housekeeper	Groups	<u> </u>
Co <u>d</u> e	MAI	<mark>₩</mark> <u>о</u> к
Description	Room Maid	
R <u>o</u> le	Maids	
8 Housekeeper	Groups	
Co <u>d</u> e	Н5К	<mark>₩</mark> <u>о</u> к
Description	Housekeeping Assistant	
Role	Housekeepers	

Attendants

- 1. Go to Suite8 Setup -> Reservations -> Attendants.
- 2. Define as many attendants as needed and assign the role to these attendants. Emilo Melinda 480
 0
 Housekeeping Assistant Room Maid
- 3. Create a user for every attendant who logs in to Hotel Mobile.
- 4. Link this user to the attendant by selecting it in the User field.

8 Attendant	:			
<u>N</u> ame	This	IsALongM	laidName10	🖌 🔥 ОК
Group	Room Maid		•]
<u>U</u> ser	L10		T	
Max credits		Initials	Name	
		TT	Test	Thomas
Max depa <u>r</u> ture		IM	Test	User
— • •		T2	Test No Mobile	Login
Active		L01	ThisIsALongMaidName01	ThisIsALongMaidName01
1		L02	ThisIsALongMaidName02	ThisIsALongMaidName02
		L03	ThisIsALongMaidName03	ThisIsALongMaidName03
		L04	ThisIsALongMaidName04	ThisIsALongMaidName04
		L05	ThisIsALongMaidName05	ThisIsALongMaidName05
		L06	ThisIsALongMaidName06	ThisIsALongMaidName06
		L07	ThisIsALongMaidName07	ThisIsALongMaidName07
		L08	ThisIsALongMaidName08	ThisIsALongMaidName08
		L09	ThisIsALongMaidName09	ThisIsALongMaidName09
	\mathbf{V}	L10	ThisIsALongMaidName10	ThisIsALongMaidName10

5. Refer to the Suite8 Property Help File for more information on assigning rooms to maids for cleaning, creating housekeeping tasks, and creating notes.

User Rights

All Suite8 Property users which should be able to log into Hotel Mobile need the according user right.

- 1. Go to Suite8 Setup -> Users -> User Definition and select the user.
- 2. Go to Rights -> Miscellaneous and activate the user right **Mobile Login**.
- 3. Go to user right Hotel Maintenance and activate the corresponding rights.
- 4. Go to user right Attendants and activate the corresponding right.
- 5. Repeat these steps for all users.
- 6. Set additional user rights according to hotel requirements.

8 User Rights for Manager01 Manager01					
Te <u>x</u> t	🦉 Reset filter	🐑 <u>E</u> xpand			
mobile		其 Coļļapse			
Rights 🗢 User	Owner	Group	G, Owner		
Miscellaneous Y	N	Y	Y		
			Y		

Rights 🗢	User	Owner
Configuration	Y	Y
 Hotel Maintenance 	Y	Y
Hotel Maintenance	Y	Y
 Maintenance Edit 	Y	Y
Maintenance Search	Y	Y

Rights 💎	User	Owner
Housekeeping	Y	Y
Attendants	Y	Y

9 Installing the Hotel Mobile Application

This section explains how to install Oracle Hospitality Hotel Mobile on Microsoft Windows devices.

1. Download the software for Windows installations from: https://edelivery.oracle.com/.

Note: Hotel Mobile for iOS and Android installations need to be downloaded in the corresponding app stores. Only the latest release is available through the app stores. You cannot download older versions of the app from the app stores.

Windows version available on https://edelivery.oracle.com/: Oracle Hospitality Hotel Mobile 1.1

2. Download a patch version from MOS My Oracle Support.

Versions available:

Oracle Hospitality Hotel Mobile 1.12

Oracle Hospitality Hotel Mobile 1.13

Oracle Hospitality Hotel Mobile 1.14

Oracle Hospitality Hotel Mobile 1.15

- 3. Unzip the installation file to a temporary location.
- 4. Run **setup.exe**.
- 5. If prompted to install the Microsoft 4.6.3 .Net Framework, click Yes.
- 6. Click Finish.

😸 OracleAxecelerator - Instal	Shield Wizard	×
2.	InstallShield Wizard Completed	
	The InstallShield Wizard has successfully installed OracleAxecelerator. Click Finish to exit the wizard.	
	☑ Launch the program	
	< Back Finish Can	el

The installation wizard creates a shortcut:



- 7. Start the application.
- 8. On the next screen, specify settings as shown in the following example, and then click **Done**.



Link to RestApi: No specification (OPERA, Suite8, or Resort Code) The URL: https://<Localhost (IP address or machine name)>/RESTAPI The code { } is the request code from PmsApiXMLConfig.config

<RequestCode>OPERA</RequestCode>

9. Enter the OPERA or Suite8 user name and password, and then click Sign In.

