Open ERP7 Integration

Contents

- 1 Overview
- 2 Prerequisites
- 3 Swivel Configuration
 4 Configuring the OpenERP 7 server

 4.1 Upload the custom files to OpenERP 7
 4.2 Testing
- 5 Error Messages
 - ◆ 5.1 On OpenERP stack trace
 - ◊ 5.1.1 "ImportError: No module named urllib.urlopen" ◆ 5.2 On Swivel Log
 - § 5.2.1 AgentXML request failed, error: The agent is not authorized to access the server

Overview

This document outlines the steps required to integrate the OpenERP 7.0 with Swivel using dual or single channel authentication.

The Swivel install requires configuring an agent on the Swivel server and setting up a shared secret with the code being added to OpenERP 7.0 server to allow communication for authentication.

Due to the complexity of OpenERP, several files need to be changed (or replaced) on the server, then recompiled. Integration with PINsafe is made through Agent-XML.

NOTE: This document refers to the version 7.0 of OpenERP. If using version 7.0 you can replace the files with a simple copy paste, else please refer to the KB article about OpenERP_Custom_Integration.

Prerequisites

OpenERP 7.0 server

Swivel server

The files that need to be replaced: Media:OpenERP7.tar.gz

Swivel Configuration

On the Swivel server configure the agent that is permitted to request authentication. On the PINsafe Administration Console select from the server menu Agents and enter the details of the OpenERP IP address and a shared key, then click on apply. Example:

Name : OpenERP, Hostname/IP : 10.10.10.252, shared secret : secret

	SWIVEL
.afflia.	the power of knowing

 <u>Status</u> <u>Log Viewer</u> <u>Server</u> <u>Name</u> <u>Language</u> <u>License</u> <u>Jobs</u> <u>SMTP</u> 	r the	gents @ details for any PINsafe agents be <mark>local</mark>	<i>low.</i> Agents are permitted to	access the a
Agents Peers Single Channel Dual Channel Ihird Party Authentication Voice Channel		Name: Can act as Repository: Hostname/IP:	OpenERP Yes 7 10.10.10.252	
E Policy		Shared secret	222222222222222222222	
 E Logging E Transport E Database E Mode E Repository E RADIUS E Migration E Appliance 		Group: Authentication Modes: Check password with Repository: Usemame attribute for repository: Allow alternative usernames: Alternative username attributes:		Delet
 E OATH E Synchronisation Administration E Reporting <u>User Administration</u> <u>Save Configuration</u> <u>Administration Guide</u> <u>Logout</u> 		New.Entry		Apply R

If Single Channel communication is to be used, select from the PINsafe Administration Console Single Channel, and set the Allow image request by username to Yes then click on apply.



<u>Status</u>	Server>Single Channel 🔘	
 Log Viewer 	aaraar angla anglinar a	
Server Name	Please specify how single channel security string	is are delivered.
 Language License Jobs 	Allow session request by username:	Yes 7
SMTP Agents	Allow alternative usernames:	No 7
 <u>Peers</u> <u>Single Channel</u> <u>Dual Channel</u> 	Alternative username attributes:	
Third Party Authentication Voice Channel	Multiple Authentications per Strong:	No 7
Policy	Image file:	turingOrange.xml
E Logging		
Transport	Background image file:	backgroundsMonochrome.xml 7
1 Database		100
1 Mode	Text Alpha Value:	100
Repository	Only use one font per image:	Yes 7
B RADIUS	only and one role par mego.	195
Migration	Image Rendering:	Static 7
Appliance		
D OATH	Jiggle characters within slot:	No 7
Synchronisation Administration Reporting	Add blank trailer frame to animated images:	No 7
User Administration		
Save Configuration	Number of complete display cycles per image:	10
Administration Guide	Inter-frame delay (1/100s):	25
Logout	The many series brook	24
Cuyba	No. Characters Visible:	1
		Apply Reset

Configuring the OpenERP 7 server

Upload the custom files to OpenERP 7

1. Shutdown OpenERP 7 server service.

2. Unpack the "File Package" (you can find it in the Prerequisites secion of this page) to a local directory.

3. Edit the file OpenERP/addons/web/controllers/main.py Search for ?10.10.10.201? (line 859) and change it with the IP address or domain name for your Swivel server

4. Edit the file OpenERP/addons/web/controllers/main.py Search for ?<Secret>secret<%2FSecret>? (line 860) and change it with ?<Secret>THE SECERT YOU CHOSE IN THE AGENT CONFIG<%2FSecret>?

5. Edit the file OpenERP/addons/web/static/source/js/chrome.js Search for ?10.10.10.201? (line 710) and change it with the IP address or domain name for your Swivel server

6. FTP ALL the files to the server running OpenERP, respecting the directory structure and overwriting

7. Start OpenERP Server with (recompile option enabled -u) : /?path to openERP?/openerp-server -u ?database to run?

Testing

Open a browser and point to http://yourserverip:8069

OPEN SOURCE ENSINESS APPLICATIONS	
Username admir Password	
OTC	
Manage Databases (Rowards by OpertERP	

After clicking the ?request TURing? button, the swivel appliance log should show ?127.0.0.1:Session started for user: admin.? And this should be the result:

OR MERPLICATIONS	
Username admin Password Deserver' Wing Response Value Deserver' Wing Deserver' Wi	

Then after login, the swivel appliance log should read:

?OPENERP SERVER IP? OpenERP:Login successful for user: admin.

Error Messages

On OpenERP stack trace

"ImportError: No module named urllib.urlopen"

Please refer to the OpenERP_Custom_Integration article, section Python 3.0 changes.

On Swivel Log

AgentXML request failed, error: The agent is not authorized to access the server

User fails to authenticate with the above error message in the Swivel log. An Agent on Swivel server has not been defined for the OpenERP server. Go to Server/Agents in the Swivel admin console, and add a new entry, using the IP address of the OpenERP server. Make sure the agent secret is the same as on the OpenERP configuration.