

QCAP Manual - RTMP Web Portal to WOWZA with Security Account ENG 1.1.0.174.0

◆ Introduction

We will guide user how to install portal server software the WOWZA server that implement security account RTMP steaming of QCAP SDK in the portal.


◆ Interrelated Software



WOWZA Server : 4.7.0

QCAP SDK version : 1.1.0.174.0

◆ Downloads Address:

<https://www.wowza.com/pricing/installer/>

PRODUCTS DOCS & APIS SOLUTIONS PRICING RESOURCES SUPPORT

 Wowza Streaming Engine  Wowza GoCoder SDK

1. Get a Wowza Streaming Engine License





To use Wowza Streaming Engine™ software, you need a valid license. You can

- Register for a [free trial](#) to receive a trial license key by email.
- Request a [developer license](#) if you are a developer.
- Purchase a [monthly](#) or a [perpetual](#) license.

2. Download the Wowza Streaming Engine Installer

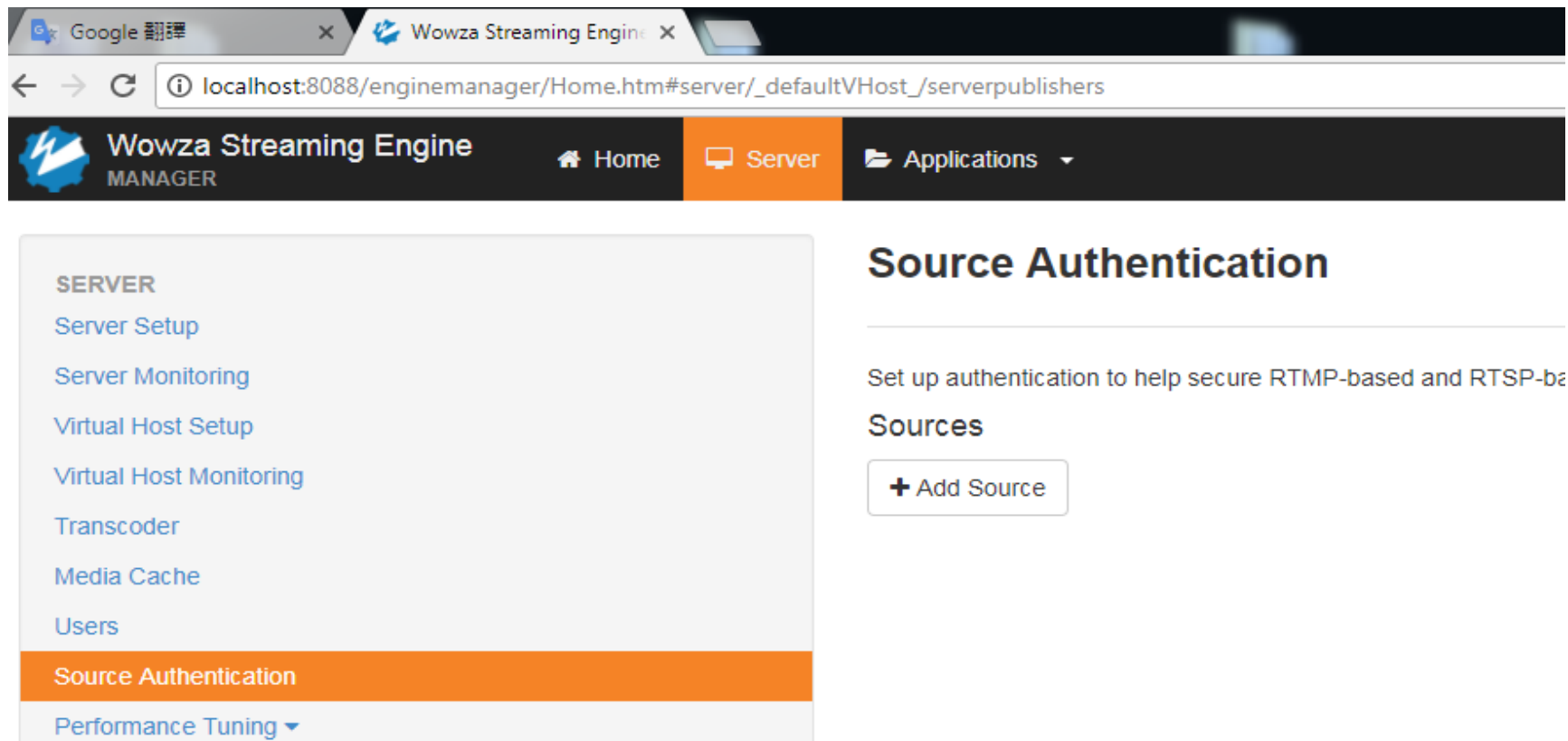
All Wowza Streaming Engine installers support both 32-bit and 64-bit operating systems and Java Runtime environments. The current version is Wowza Streaming Engine 4.7.0, build 20186, released on April 24, 2017.

[Wowza Streaming Engine Quick-Start Guides](#) | [Wowza Streaming Engine Documentation](#)

<div>Windows</div> <div></div> <div>Download</div> <div>To install: 1. Double-click the WowzaStreamingEngine-4.7.0-windows-installer.exe installer file and follow the onscreen instructions.</div>	<div>Mac</div> <div></div> <div>Download</div> <div>To install: 1. Open WowzaStreamingEngine-4.7.0-osx-installer.dmg. 2. Double-click the installer package icon</div>	<div>Linux 64-bit</div> <div></div> <div>Download</div> <div>To install: 1. sudo chmod +x WowzaStreamingEngine-4.7.0-linux-x64-installer.run 2. sudo ./WowzaStreamingEngine-4.7.0-</div>	<div>Linux 32-bit</div> <div></div> <div>Download</div> <div>To install: 1. sudo chmod +x WowzaStreamingEngine-4.7.0-linux-installer.run 2. sudo ./WowzaStreamingEngine-4.7.0-</div>
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RTMP Web Portal to WOWZA with Security Account

1. Add new source authentication on WOWZA setup page.



The screenshot shows the Wowza Streaming Engine Manager web portal. The browser address bar displays `localhost:8088/enginemanager/Home.htm#server/_defaultVHost/_serverpublishers`. The navigation bar includes the Wowza Streaming Engine logo, the text "MANAGER", and tabs for "Home", "Server" (which is active), and "Applications". On the left sidebar, a list of menu items is shown, with "Source Authentication" highlighted in orange. The main content area is titled "Source Authentication" and contains the text "Set up authentication to help secure RTMP-based and RTSP-based Sources". Below this text is a button labeled "+ Add Source".

SERVER

- Server Setup
- Server Monitoring
- Virtual Host Setup
- Virtual Host Monitoring
- Transcoder
- Media Cache
- Users
- Source Authentication**
- Performance Tuning ▾

Source Authentication

Set up authentication to help secure RTMP-based and RTSP-based Sources

[+ Add Source](#)

RTMP Web Portal to WOWZA with Security Account

2. Add user name and password.

The screenshot shows the Wowza Streaming Engine Manager web portal. The browser address bar indicates the URL is `localhost:8088/enginemanager/Home.htm#server/_defaultVHost_/serverpublishers`. The navigation bar includes links for Home, Server (selected), and Applications. The left sidebar lists various configuration options under the 'SERVER' section, with 'Source Authentication' highlighted. The main content area is titled 'Source > [new]' and includes a link to 'Return to Source Authentication'. It contains three required fields: 'Source User Name' (with the value 'live'), 'Source Password', and 'Confirm Password'. The form ends with '+ Add' and 'Cancel' buttons.

Wowza Streaming Engine
MANAGER

Home Server Applications

SERVER

- Server Setup
- Server Monitoring
- Virtual Host Setup
- Virtual Host Monitoring
- Transcoder
- Media Cache
- Users
- Source Authentication**
- Performance Tuning
- Logs
- About

Source > [new]

[Return to Source Authentication](#)

* = Required field

Source User Name *

live

Source Password *

.....

Confirm Password *

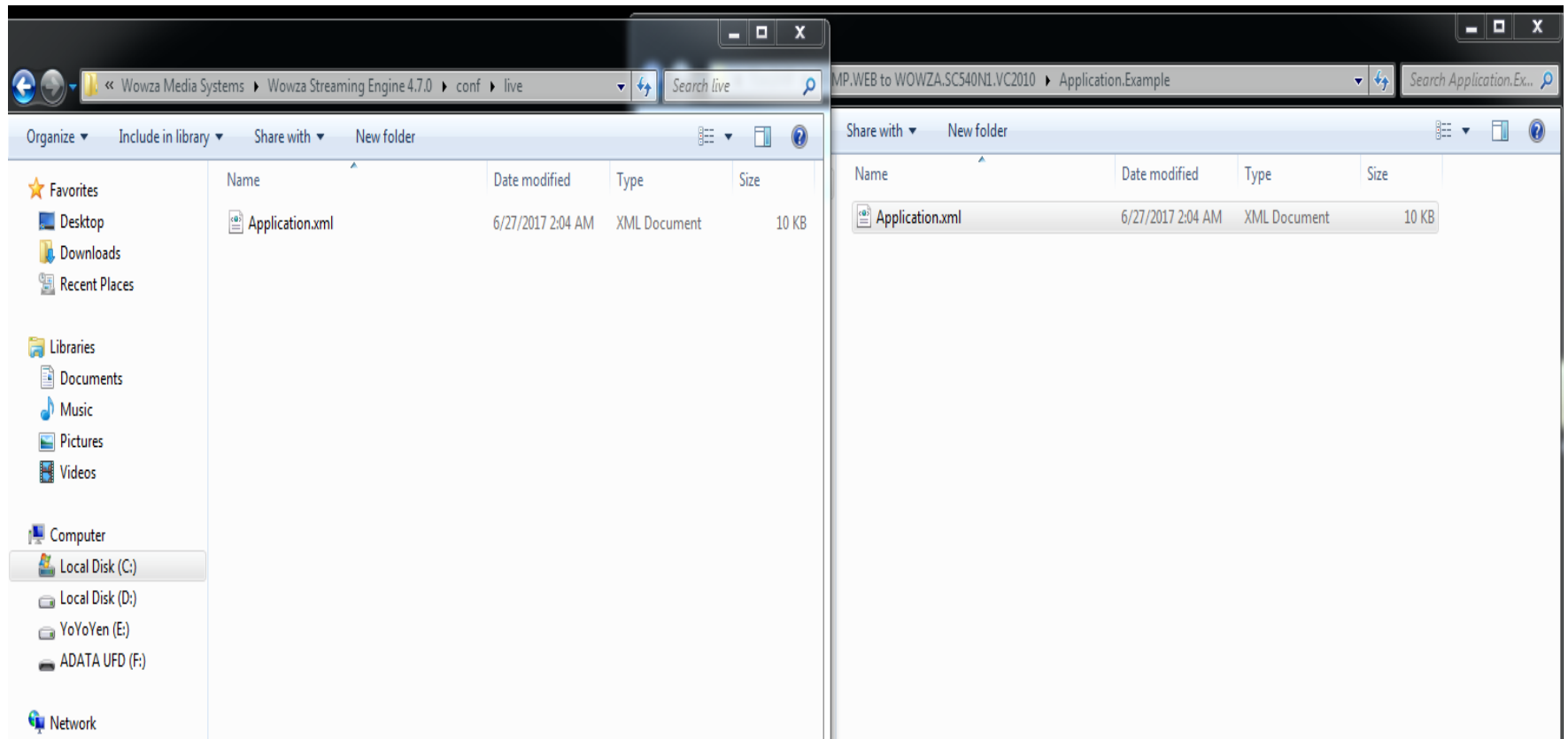
.....

+ Add Cancel

RTMP Web Portal to WOWZA with Security Account

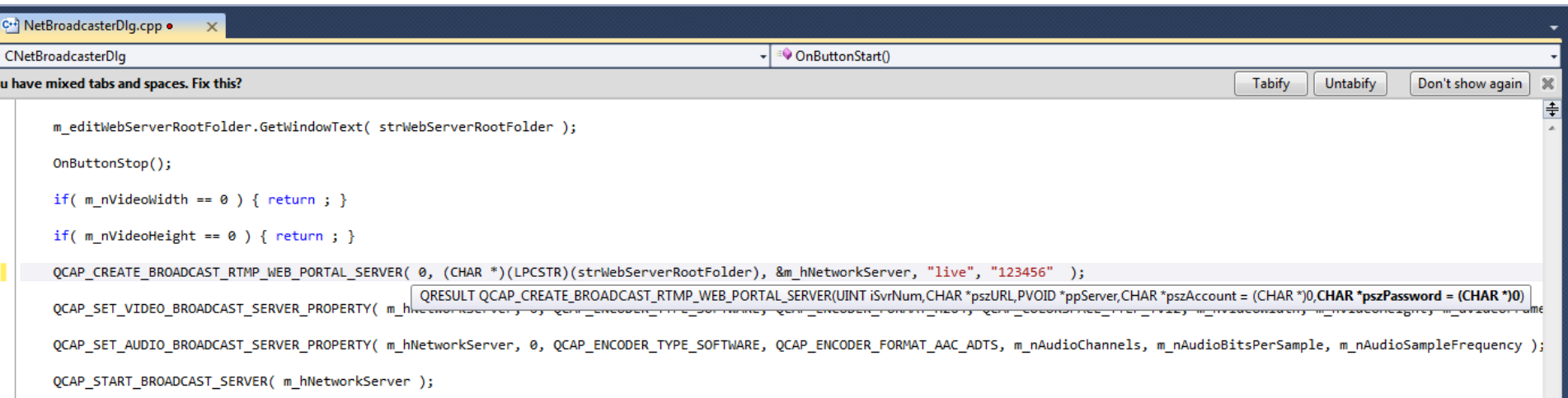
3. Copy application.xml file from Application.Example folder to WOWZA server destination location, for example.

C:\Program Files (x86)\Wowza Media Systems\Wowza Streaming Engine 4.7.0\conf\live



RTMP Web Portal to WOWZA with Security Account

4. Enter user account and password.



```
NetBroadcasterDlg.cpp
CNetBroadcasterDlg
OnButtonStart()

u have mixed tabs and spaces. Fix this?
Tabify
Untabify
Don't show again

m_editWebServerRootFolder.GetWindowText( strWebServerRootFolder );

OnButtonStop();

if( m_nVideoWidth == 0 ) { return ; }

if( m_nVideoHeight == 0 ) { return ; }

QCAP_CREATE_BROADCAST_RTMP_WEB_PORTAL_SERVER( 0, (CHAR *)(LPCSTR)(strWebServerRootFolder), &m_hNetworkServer, "live", "123456" );
QCAP_SET_VIDEO_BROADCAST_SERVER_PROPERTY( m_hNetworkServer, 0, QCAP_ENCODER_TYPE_SOFTWARE, QCAP_ENCODER_FORMAT_AAC_ADTS, m_nAudioChannels, m_nAudioBitsPerSample, m_nAudioSampleFrequency );
QCAP_SET_AUDIO_BROADCAST_SERVER_PROPERTY( m_hNetworkServer, 0, QCAP_ENCODER_TYPE_SOFTWARE, QCAP_ENCODER_FORMAT_AAC_ADTS, m_nAudioChannels, m_nAudioBitsPerSample, m_nAudioSampleFrequency );
QCAP_START_BROADCAST_SERVER( m_hNetworkServer );
```

RTMP Web Portal to WOWZA with Security Account

5. If user name and password is correct, you can see video streaming on WOWZA flash RTMP player.

The screenshot displays a web browser window with the address bar showing `www.wowza.com/resources/3.6.0/examples/LiveVideoStreaming/FlashRTMPPlayer/player.html`. The page title is "Live Video Streaming" and the subtitle is "Flash RTMP Player". The main content area shows a video player with a woman's face and the subtitle "你似乎跟以前不一樣". Below the video player, there are input fields for "Server:" (containing `rtmp://10.10.80.77/live`) and "Stream:" (containing `myStream`), along with a "Disconnect" button. The status bar at the bottom left shows "Status:". Overlaid on the right side of the browser window is a "NetBroadcaster" application window. This window has a "Description" tab and shows a video of a woman with the subtitle "我依然真真純美". Below the video, it displays technical information: "INFO: 1920x1080P@60.000FPS, 2x16BITsx48000HZ" and a "URL" field containing `rtmp://10.10.80.77/live/myStream`. At the bottom of the NetBroadcaster window are "START" and "STOP" buttons. Below the NetBroadcaster window, there is a list of instructions: "1. Review the tutorials listed below." and "2. Make sure that you are publishing a stream".

Flash RTMP Player - L X

www.wowza.com/resources/3.6.0/examples/LiveVideoStreaming/FlashRTMPPlayer/player.html

Live Video Streaming

Flash RTMP Player

WIN 26,0.0,131 (Flash-AS3)

你似乎跟以前不一樣

Server:

Stream:

Status:

Description

NetBroadcaster

我依然真真純美

INFO: 1920x1080P@60.000FPS, 2x16BITsx48000HZ

URL

1. Review the tutorials listed below.
2. Make sure that you are publishing a stream