



Setup and Configuration Guide Windows Server 2012

Version 6.0

Copyright © 2013, JMC Publications, LLC

Contents

Introduction	3
Web Server Setup and Configuration	3

Introduction

The Vodigi solution consists of two primary components.

- **The Vodigi Administrator:** This is a web site that is installed on a web server and is used to manage the system, accounts, and all digital signage assets.
- **The Vodigi Player:** This application resides on the PC or device displaying the digital signage.

This guide explains how to configure a web server and install the Vodigi Administrator.

Web Server Setup and Configuration

The web server is the central application server for the Vodigi solution. It hosts the Vodigi Administrator web site and, in most cases, the Vodigi databases.

To setup and configure the web server, follow these steps:

- Install Windows Server 2012 on the web server.
- Run all updates using Windows Update.
- Install and enable Internet Information Services (IIS). See the document '**Vodigi - IIS Setup Guide – Windows Server 2012**' for details.
- Install Microsoft SQL Server 2012 Express. See the document '**Vodigi - SQL Server 2012 Express Setup Guide**' for details. (Note: The Vodigi databases are compatible with SQL Server 2008 and SQL Server 2008 R2).
- Install Microsoft ASP.NET MVC 4. The download can be found at:

<http://www.asp.net/mvc/mvc4>

- Download the latest Vodigi solution from CodePlex, SourceForge, or Download.com.
 - <http://vodigi.codeplex.com/>
 - <http://sourceforge.net/projects/vodigi/?source=directory>
 - http://download.cnet.com/Vodigi-Open-Source-Interactive-Digital-Signage/3000-2064_4-75695917.html?tag=mncol;1
- Extract the contents of the download to a folder called 'Vodigi' on the C:\ drive.
- Copy the database files located in the new folder 'C:\Vodigi\Databases' to the SQL Server 2012 Data folder. This is typically found at 'C:\Program Files\Microsoft SQL Server\MSSQL11.SQLEXPRESS\MSSQL\DATA'.
- Open SQL Server Management Studio. Attach the Vodigi and VodigiLogs databases. The databases files are called 'Vodigi.mdf' and 'VodigiLogs.mdf' respectively.
- Open Internet Information Services.
- Create a new application pool called osVodigWebAppPool. Set the pool's .Net Framework to version 4.0. Set the Managed Pipeline Mode to 'Integrated'.

- Create a new application under the Default Web Site called osVodigiWeb. Select the osVodigiWebAppPool and set the physical path to the osVodigiWeb application folder, typically C:\Vodigi\osVodigiWeb.
- Open the osVodigiWeb folder of the root web site. Open the file web.config in Notepad.
- Locate the following section in the file web.config. Update the fields marked in yellow.

```
<connectionStrings>
  <add name="VodigiContext" connectionString="data source=servername\SQLExpress;initial
catalog=Vodigi;user id=sa;password=yourpassword;" providerName="System.Data.SqlClient"
/>
  <add name="VodigiLogsContext" connectionString="data
source=servername\SQLExpress;initial catalog=VodigiLogs;user
id=sa;password=yourpassword;" providerName="System.Data.SqlClient" />
</connectionStrings>
```

- Update the "ConnectionString" data source values. Use the name of the SQL Server instance on the Database Server (typically machinename\SQLExpress).
- Update the "ConnectionString" user id. Typically, this will be **sa** for system administrator.
- Update the "ConnectionString" password value. Use the password for the specified user id.
- Save the file web.config.
- Open Windows Explorer. Navigate to the root web folder (typically C:\Vodigi\osVodigiWeb). Locate the UploadFiles and Media folders, which are part of the Vodigi installation. Right click each folder and select Properties. Click the Security tab. Add NETWORK SERVICE as a user and grant this user Full control. This is required to allow the Vodigi application to write files to these folders.

Now your server should be setup and ready to use.

Make a note of the URL you will provide to all users to access the Vodigi solution.

`http://serverip/osVodigiWeb/Login`

Replace *serverip* with the IP address of the web server. This IP address should be able to be hit by users both inside and outside the LAN if you want to provide access to users outside the LAN.

IMPORTANT:

When you first log into the Vodigi Administrator, be sure to update the Media URL used by the players to obtain media. To do this:

- Select **Players | Manage Default Player Settings** from the Vodigi Administrator menu.
- Click the **Edit** link for the **MediaSourceURL** setting.
- Change the setting's value <http://yourwebserverIP/osVodigiWeb/Media/>. Replace **yourwebserverIP** with the IP address of your web server.
- Save your changes.

