



Installation Guide of iConsole Core

Doc version v3.0

Prerequisites:

- Windows 7 SP1, 8, 8.1 or 10, Windows Server 2008 SP2, 2008 R2 SP1, or 2012
- Administrator right of the computer
- SAP user account with remote function call authorization
- Network connection to SAP server
- Network connection to iPhone or iPod Touch device

Steps:

- I. Install IIS
- II. Install .NET Framework
- III. Create folders for the installation
- IV. Create IIS Web Sites
- V. Enable 32-bit Applications
- VI. Allow HTTP connection in Firewall
- VII. Extract the package
- VIII. Enter SAP connection parameter
- IX. Test the iConsole and the connection to SAP
- X. Test the connection from iPhone/iPod Touch to iConsole

Install IIS

Windows 7:

1. Start Menu -> Control Panel -> Programs -> Programs and Features
2. Click Turn Windows features on or off
3. Select the feature Internet Information Services
4. Click OK. This will install the IIS

Windows 8:

1. Search for Control Panel -> Open Control Panel -> Programs -> Programs and Features
2. Click Turn Windows features on or off
3. Select the feature Internet Information Services
4. Click OK. This will install the IIS

Windows 10:

1. Settings -> Search for Windows Features
2. Click Turn Windows features on or off
3. Select the feature Internet Information Services
4. Click OK. This will install the IIS

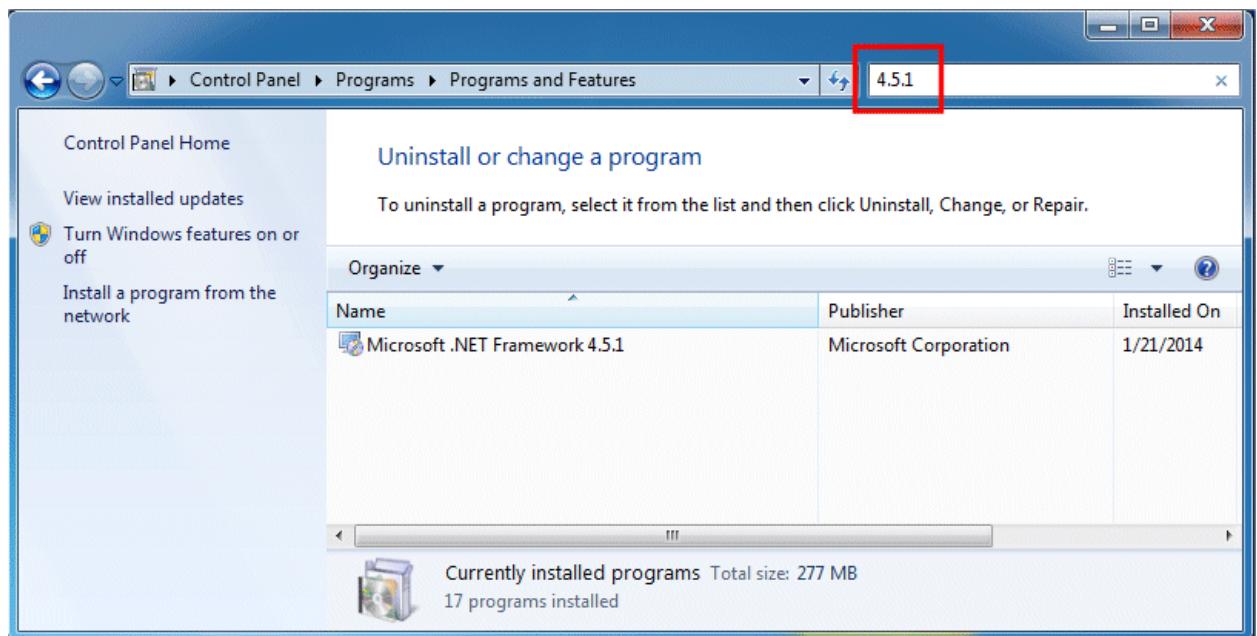
Windows Server 2008 and 2012:

1. Launch Server Manager -> Roles
2. If Web Server (IIS) is not an existing role of the server, click Add Roles
3. Select Web Server (IIS) and click Install

Check .NET Framework

Windows 7 and Windows Server 2008:

1. Start Menu -> Control Panel -> Programs -> Programs and Features
2. Check if .NET Framework 4.5.1 is installed



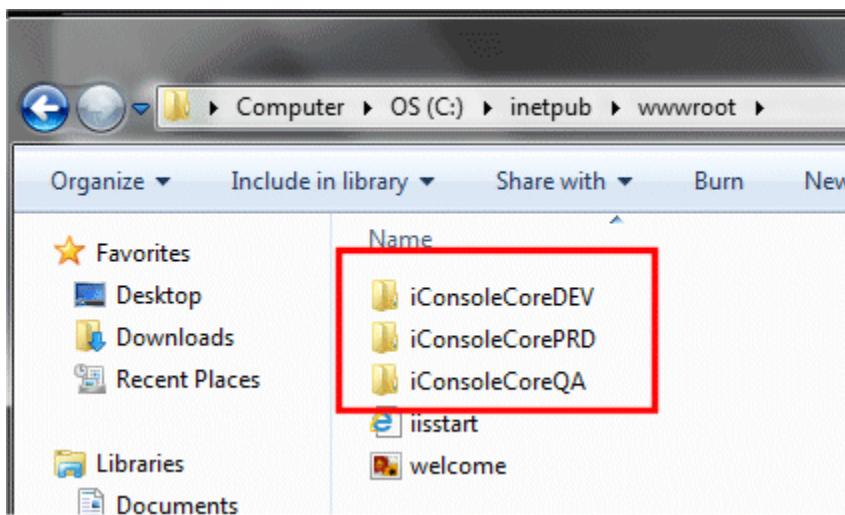
3. If not, download and install the .NET Framework 4.5.1 from Microsoft
<http://www.microsoft.com/en-us/download/details.aspx?id=40779>

Windows 8:

1. Search for Control Panel -> Open Control Panel -> Programs -> Programs and Features
2. Check if .NET Framework 4.5.1 is installed
3. If not, download and install the .NET Framework 4.5.1 from Microsoft
<http://www.microsoft.com/en-us/download/details.aspx?id=40779>

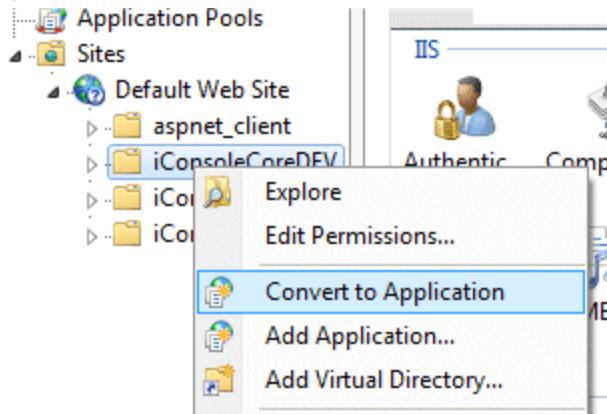
Create folders for the installation

1. Launch a Windows Explorer
2. Go to folder C:\inetpub\wwwroot (Go to the root folder of your IIS server if you moved it to other folder)
3. Assuming you have 3 SAP instances: DEV, QA and PRD. Create a folder for each SAP instance
 - iConsoleCoreDEV
 - iConsoleCoreQA
 - iConsoleCorePRD



Create IIS Web Sites

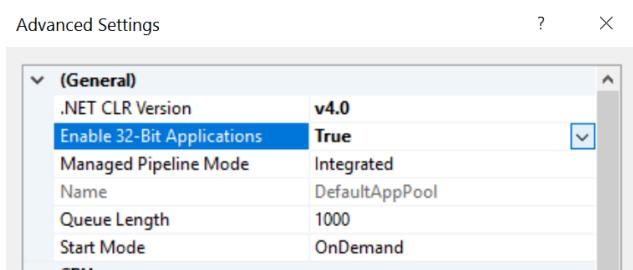
1. Start Menu -> Search for program "inetmgr"
2. Expand the tree under the computer name
3. Right click the folder iConsoleCoreDEV under Default Web Site. Select Convert to Application



4. Click OK to confirm
5. Repeat the above for the iConsoleCoreQA and iConsoleCorePRD folders

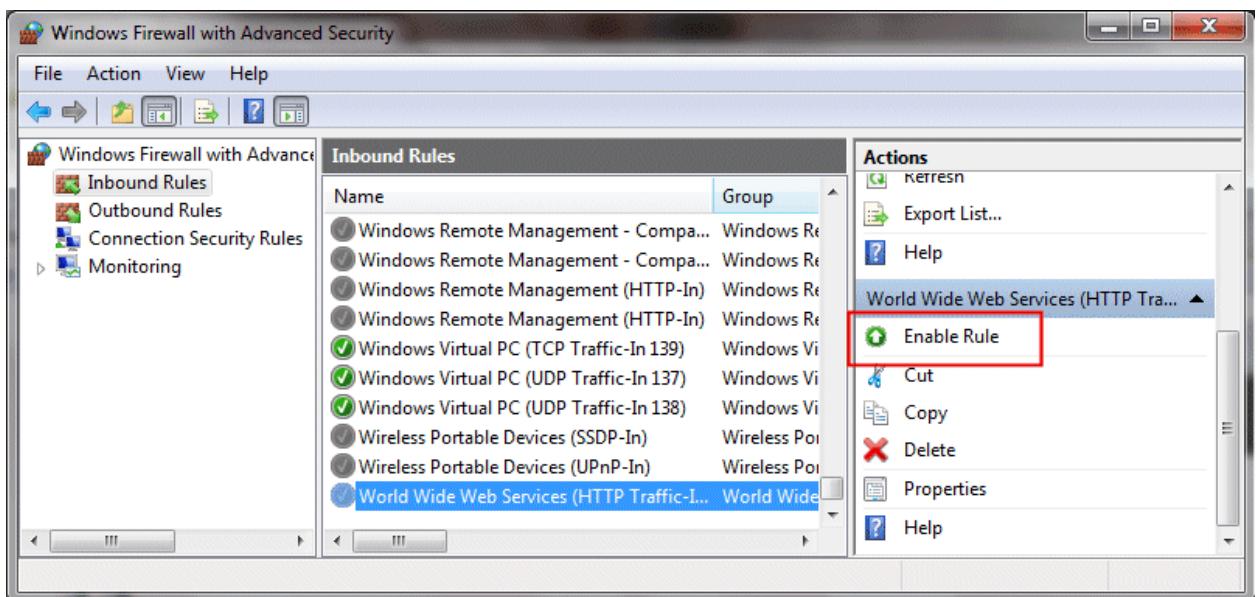
Enable 32-bit Applications

1. Select Application Pools in IIS Manager
2. Select the DefaultAppPool
3. Click Advanced Settings on the right side
4. Set Enable 32-Bit Applications to True



Allow HTTP connection in Firewall

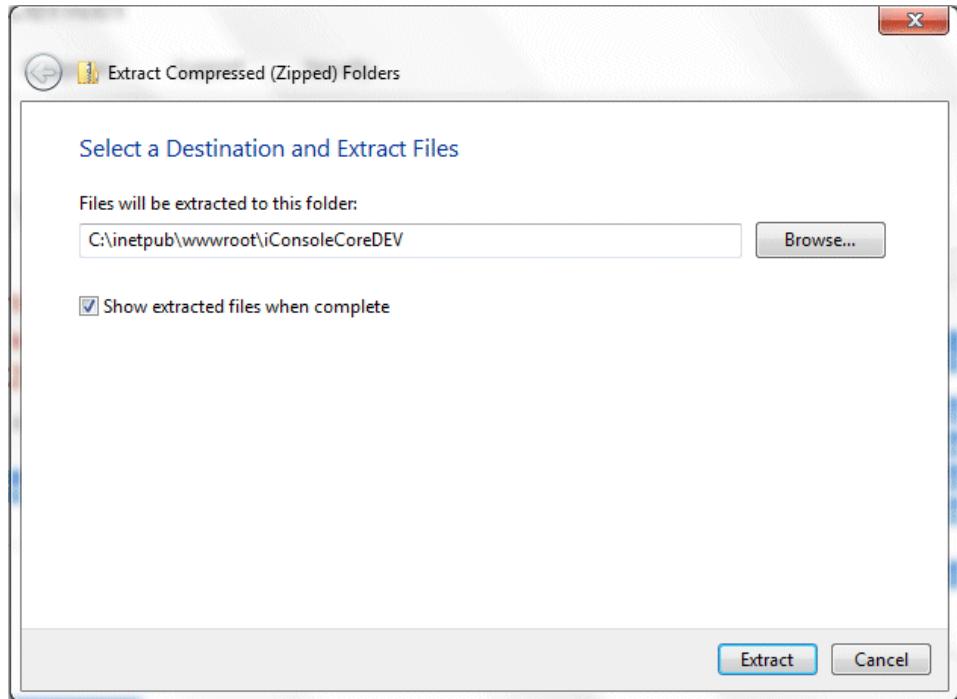
1. Start Menu -> Control Panel -> System and Security -> Windows Firewall
2. Click Advanced settings on the left
3. Select Inbound Rules on the left



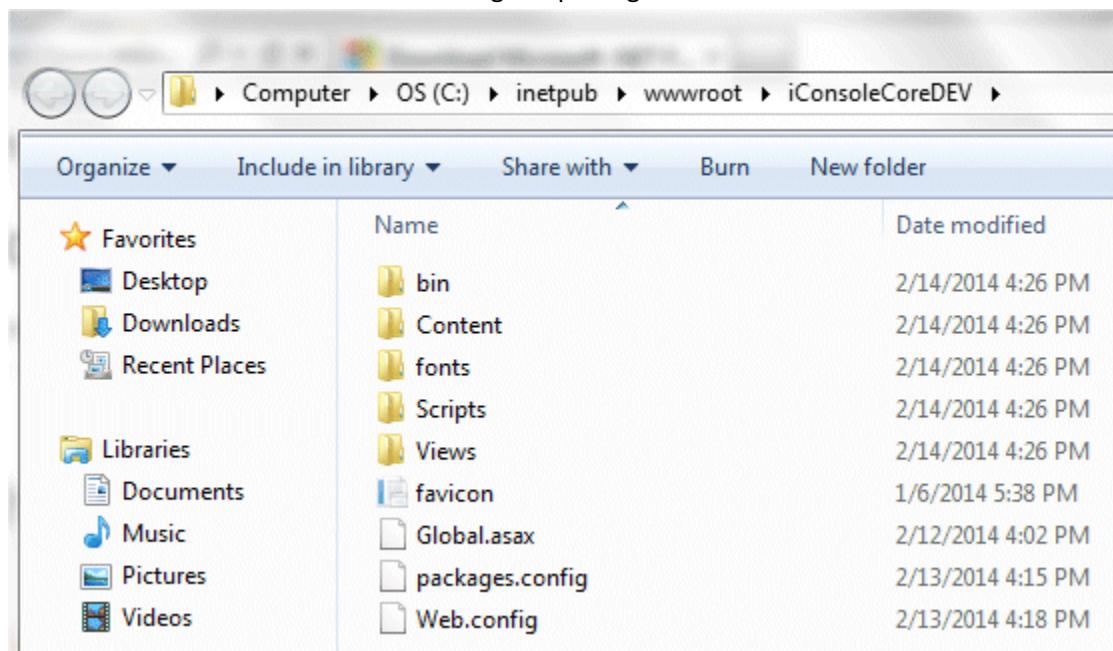
4. Scroll to the bottom and select World Wide Web Services
5. Click Enable Rule on the right

Extract the package

1. Extract the iConsole package to each of the folders created above



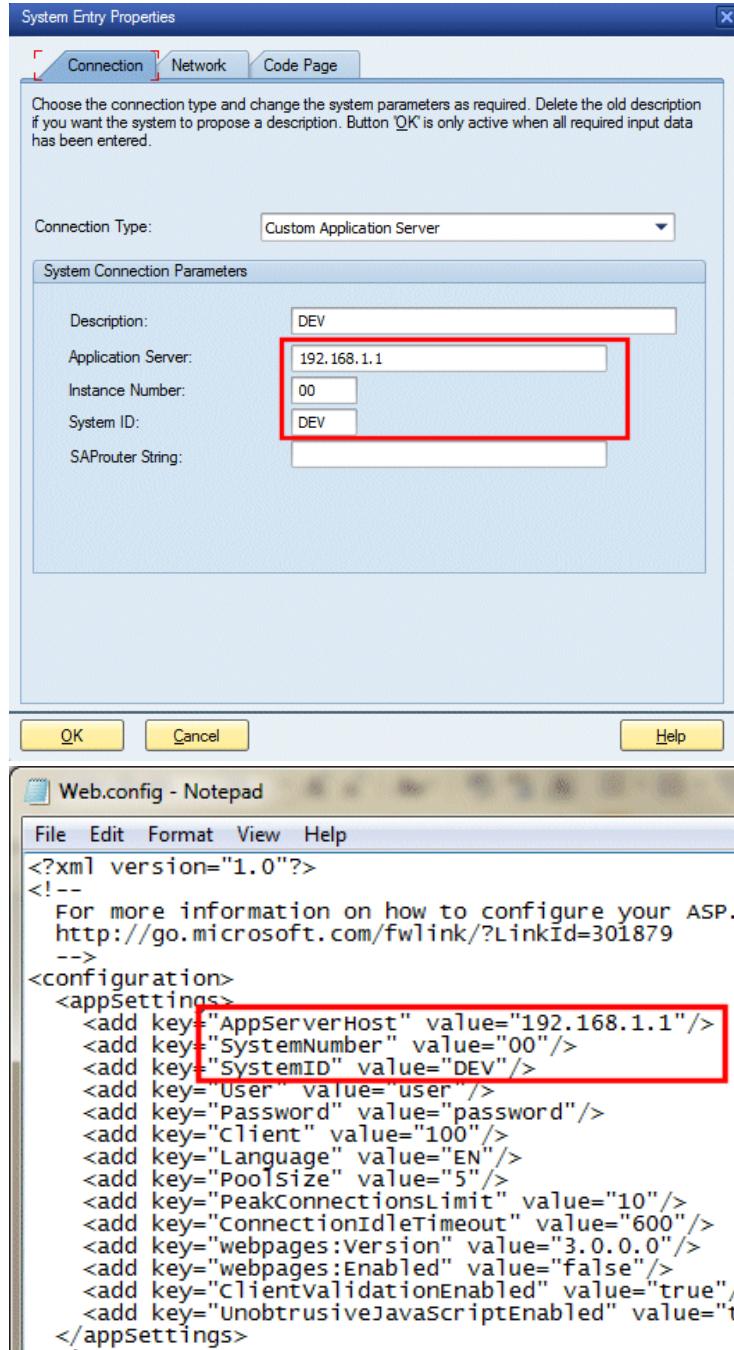
2. The folder look the below after extracting the package



3. Repeat the steps for the iConsoleCoreQA and iConsoleCorePRD folders

Enter SAP connection parameters

1. Open the file Web.config with a text editor (e.g. notepad).
2. Maintain the values of the connection parameters with reference to the SAP Logon



3. Maintain the values of the user parameters with reference to the logon screen

The image consists of two screenshots. The top screenshot shows the SAP GUI interface with a 'New password' dialog. It contains fields for Client (100), User (user), Password (*****), and Logon Language (EN). The 'Client' field is highlighted with a blue box. The bottom screenshot shows a 'Web.config - Notepad' window. The configuration file contains an section with several elements. Four of these elements have their key and value pairs highlighted with a blue box: , , , and .

```
<?xml version="1.0"?>
<!--
  For more information on how to configure your ASP.NET application,
  visit http://go.microsoft.com/fwlink/?LinkId=301879
-->
<configuration>
  <appSettings>
    <add key="AppServerHost" value="192.168.1.1"/>
    <add key="SystemNumber" value="00"/>
    <add key="SystemID" value="DEV"/>
    <add key="User" value="user"/>
    <add key="Password" value="password"/>
    <add key="Client" value="100"/>
    <add key="Language" value="EN"/>
    <add key="PoolSize" value="5"/>
    <add key="PeakConnectionsLimit" value="10"/>
    <add key="ConnectionIdleTimeout" value="600"/>
    <add key="webpages:version" value="3.0.0.0"/>
    <add key="webpages:Enabled" value="false"/>
    <add key="clientValidationEnabled" value="true"/>
    <add key="unobtrusiveJavaScriptEnabled" value="true"/>
  </appSettings>

```

4. Save the file Web.config
5. Repeat the steps for QA and PRD systems

Test the iConsole and the connection to SAP

1. Launch Internet Explorer
2. Type the URL: <http://localhost/iConsoleCoreDEV>

The screenshot shows the homepage of the iConsole Core application. The title 'iConsole Core' is prominently displayed at the top. Below it, a subtitle states: 'iConsole is the middleware between SAP and iRF App.' A section titled 'Steps:' contains three numbered steps: 1. Connect iConsole to SAP, 2. Download the App, and 3. Connect the App to iConsole. Each step has a brief description and a call-to-action button: 'Test the Connection >>', 'App Store >>', and 'Learn More >>'. At the bottom of the page, a copyright notice reads: '© 2017 - iConsole Core v 3.0.0'.

iConsole Core

iConsole is the middleware between SAP and iRF App.

Steps:

1. Connect iConsole to SAP

Congratulations! Thank you for installing iConsole. Please test the SAP connection is working

[Test the Connection >>](#)

2. Download the App

Check out our iRF Core on App Store. It's free and no expiration. Feel free to use it on your daily operations

[App Store >>](#)

3. Connect the App to iConsole

Your are just one step away from our iRF for SAP solutions. Enter the URL of iConsole in the App Settings

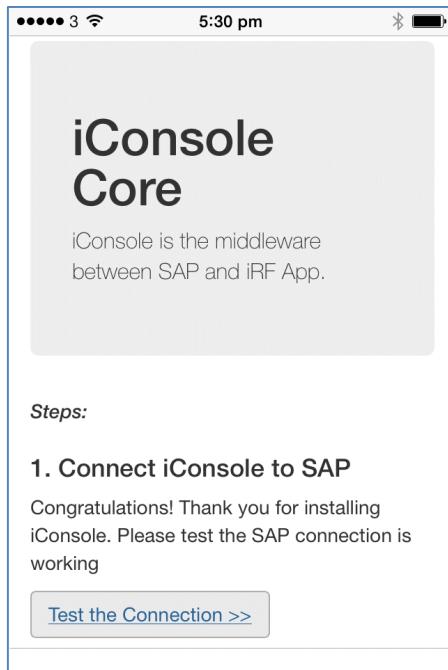
[Learn More >>](#)

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3. Test the SAP connection by clicking the button [Test the Connection] there.
4. Repeat the test for QA and PRD systems

Test the connection from iPhone/iPod Touch to iConsole

1. Check the hostname or IP address of the computer running the iConsole
2. Launch the Safari on the iPhone/iPod Touch
3. Type the URL: <http://<hostname or IP address>/iConsoleCoreDEV>



4. Test the SAP connection by clicking the button [Test the Connection] there.
5. Repeat the test for QA and PRD systems