

## Installation procedure

1. Install Microsoft standard software
2. Check system requirements
3. Add manual registry-key for e-mail alarming
4. Perform testo Saveris Web Access Web Deploy
5. Initial Super-Admin Login.
6. Optional: Activate Windows Authentication
7. Important CFR specific information

### 1. Install Microsoft standard software

For using testo Saveris Web Access you have to install additional Microsoft standard software, which is:

- Microsoft Net Framework 4.5
- Microsoft Web Deploy 3.5
- Microsoft IIS

Best is you use Microsoft Web Platform Installer 5.0 to install the above software automatically:  
<http://www.microsoft.com/WEB/downloads/platform.aspx>

If you do not want to use Microsoft Web Platform Installer 5.0, you can also install the software separately:

1. For installing Microsoft Net Framework separately please follow following instructions:  
<http://www.microsoft.com/en-us/download/details.aspx?id=30653>
2. For installing Microsoft Web Deploy 3.5 separately please follow following instructions:  
<http://www.iis.net/downloads/microsoft/web-deploy>
3. For installing Microsoft IIS separately please follow following instructions:  
On Windows Server 2008:  
<http://technet.microsoft.com/en-us/library/cc771209.aspx>  
On Windows Server 2012:  
<http://www.iis.net/learn/install/installing-iis-85/installing-iis-85-on-windows-server-2012-r2>  
On Windows 7:  
<http://technet.microsoft.com/en-us/library/cc725762.aspx>  
On Windows 8:  
<http://windows.microsoft.com/de-de/windows-8/internet-information-services-iis-8-0>

## 2. Check system requirements

Please check following system requirements before continuing to install testo Saveris Web Access:

### Optimum

Microsoft Windows Server 2012 R2 64-bit  
Microsoft SQL Server 2012  
Microsoft Net Framework 4.5  
Microsoft Web Deploy 3.5  
Microsoft IIS 8.5  
Internet Explorer 11  
Saveris Software Version 4.5 SP4

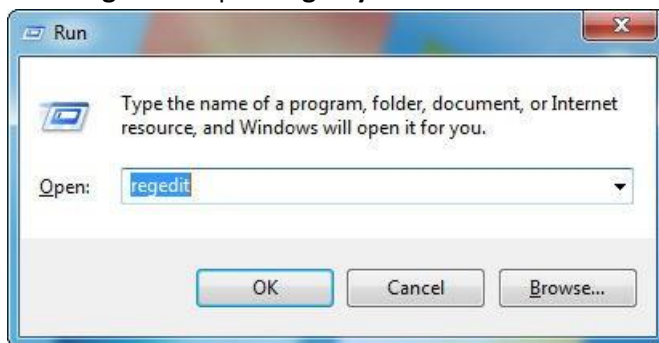
### Minimum

Microsoft Windows Server 2008 R2 64-bit or newer  
Microsoft SQL Server 2008 R2 or newer  
Microsoft Net Framework 4.5 or newer  
Microsoft Web Deploy 3 or newer  
Microsoft IIS 7.5 or newer  
Internet Explorer 9 or newer  
Saveris Software Version 4.3 or newer

## 3. Add manual registry-key for e-mail alarming

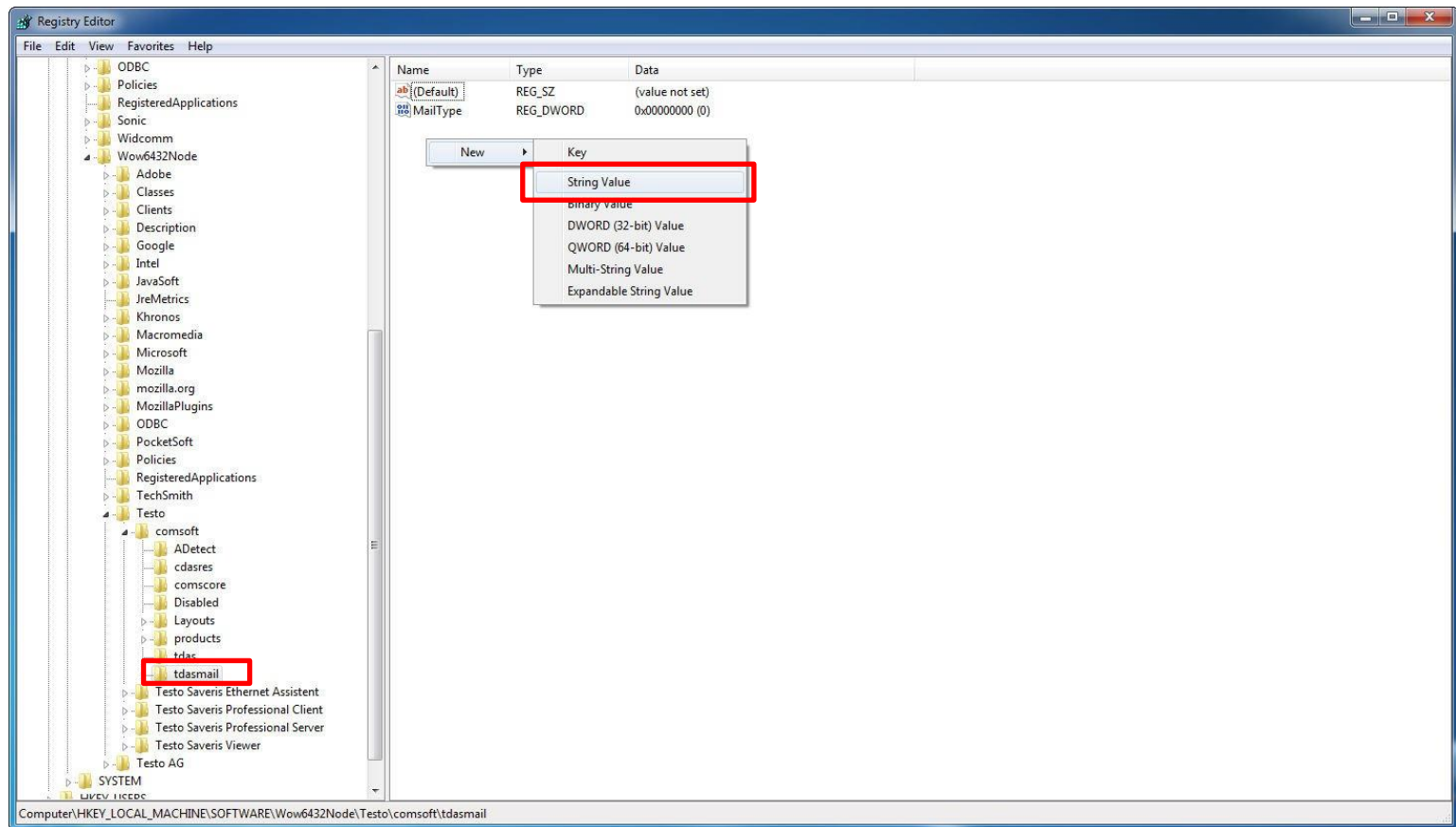
For direct e-mail alarm-link to testo Saveris Web Access, you have to add a manual registry-key on the testo Saveris Server PC.

1. Open the **run box** with pressing **windows key + R**
2. Enter **regedit** to open **Registry Editor**

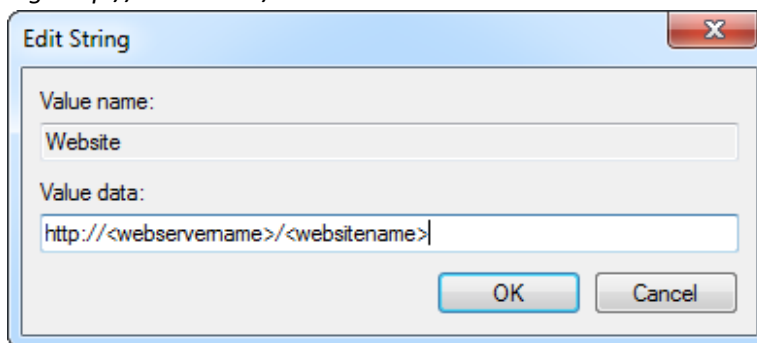


3. Go to:  
*HKEY\_LOCAL\_MACHINE\software[\wow3264node]\testo\comsoft\tdasmal (64-bit systems)*  
or  
*HKEY\_LOCAL\_MACHINE\software\testo\comsoft\tdasmal (32-bit systems)*  
add a new **string value**

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4. Enter the Name WebSite and the Value Data `http://<webservername>/<websitename>` e.g. `http://10.1.100.2/testosaveris` and click **OK**.

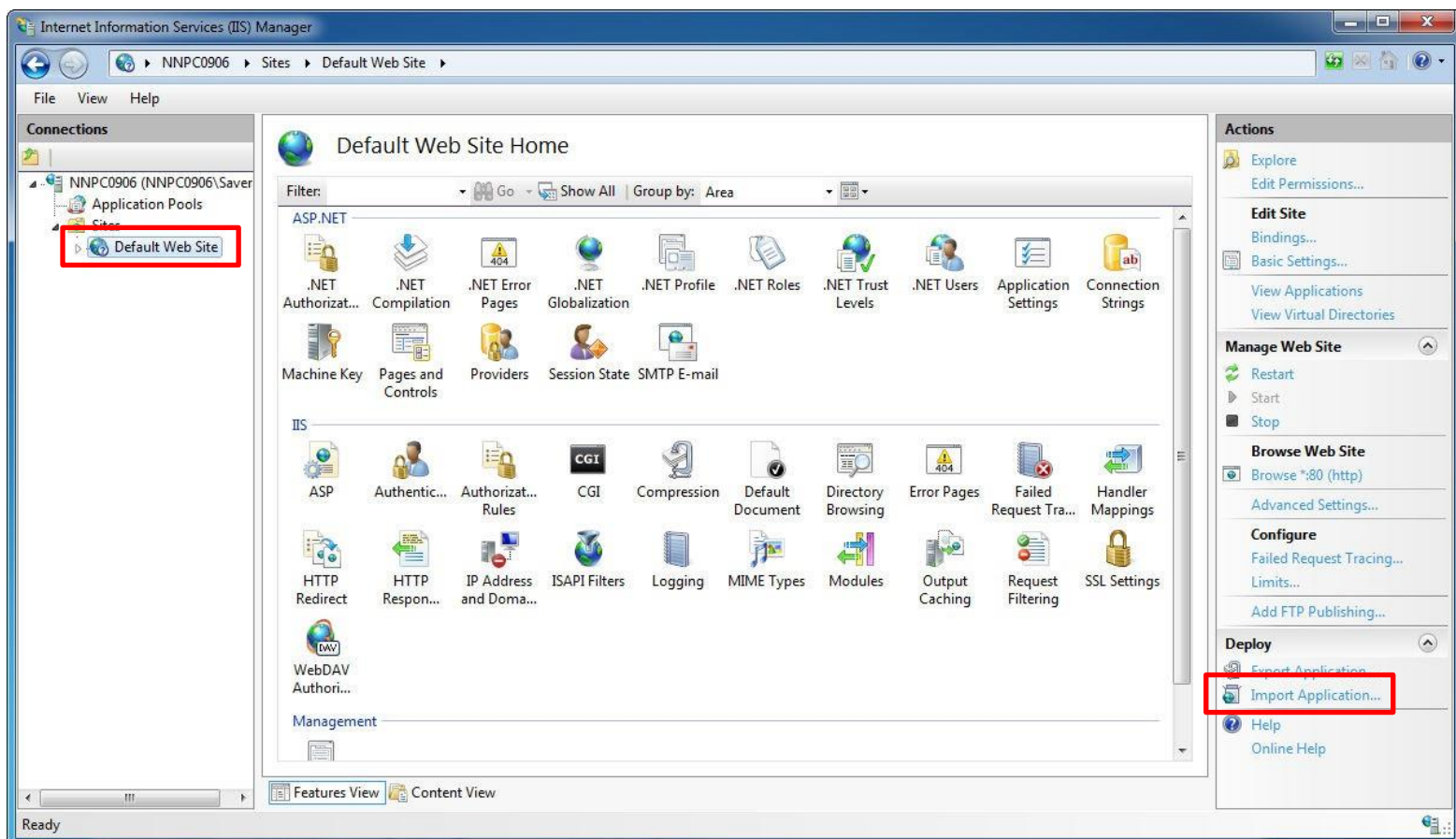


5. Close the **Registry Editor**

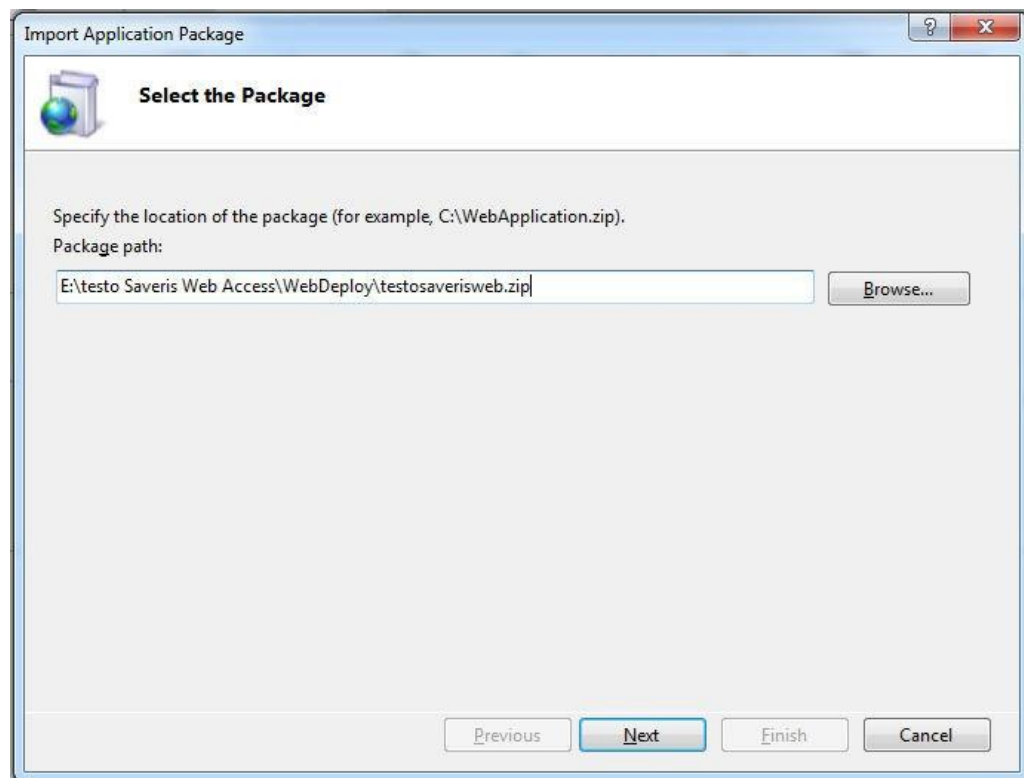
## 4. Perform testo Saveris Web Access Web Deploy

In this step testo Saveris Web Access Website will be set up.

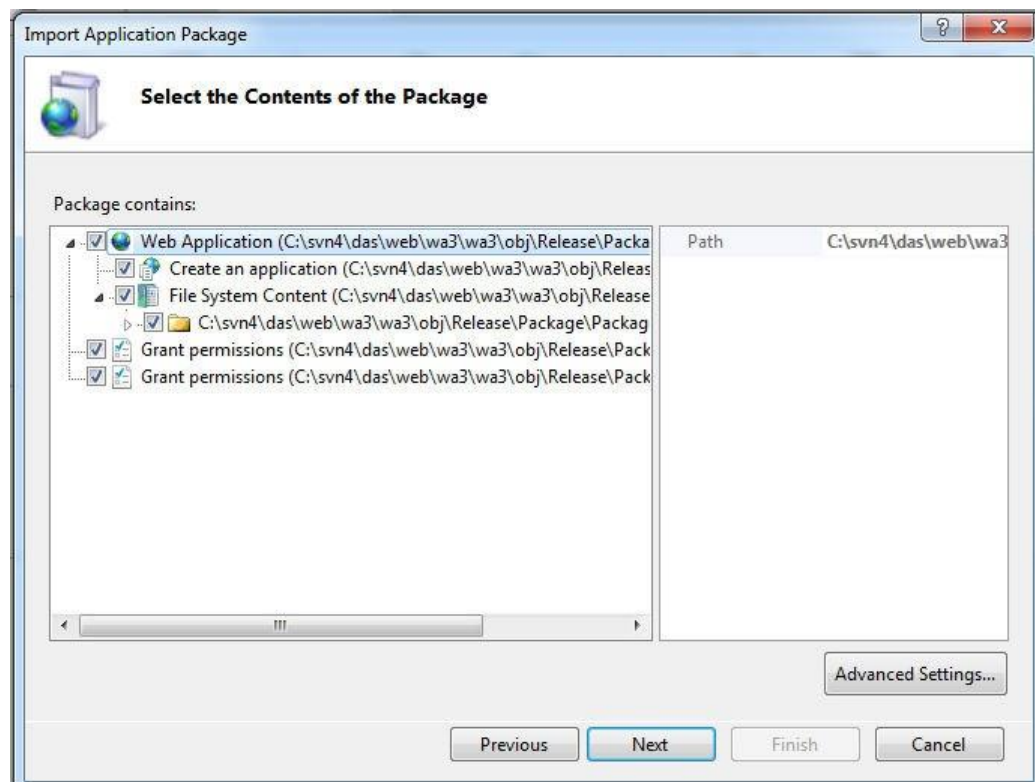
1. Run **IIS Manager**
2. In the **Connections** pane of the **IIS Manager** window, expand the local server node, expand the **Sites** node, and select **Default Web Site**.
3. In the **Actions** pane, in the **Deploy** tab click **Import Application**.  
(If you don't see an Import Application link, the most likely reason is that Microsoft Web Deploy is not installed. You can use the **Web Platform Installer** to install both IIS and Web Deploy)



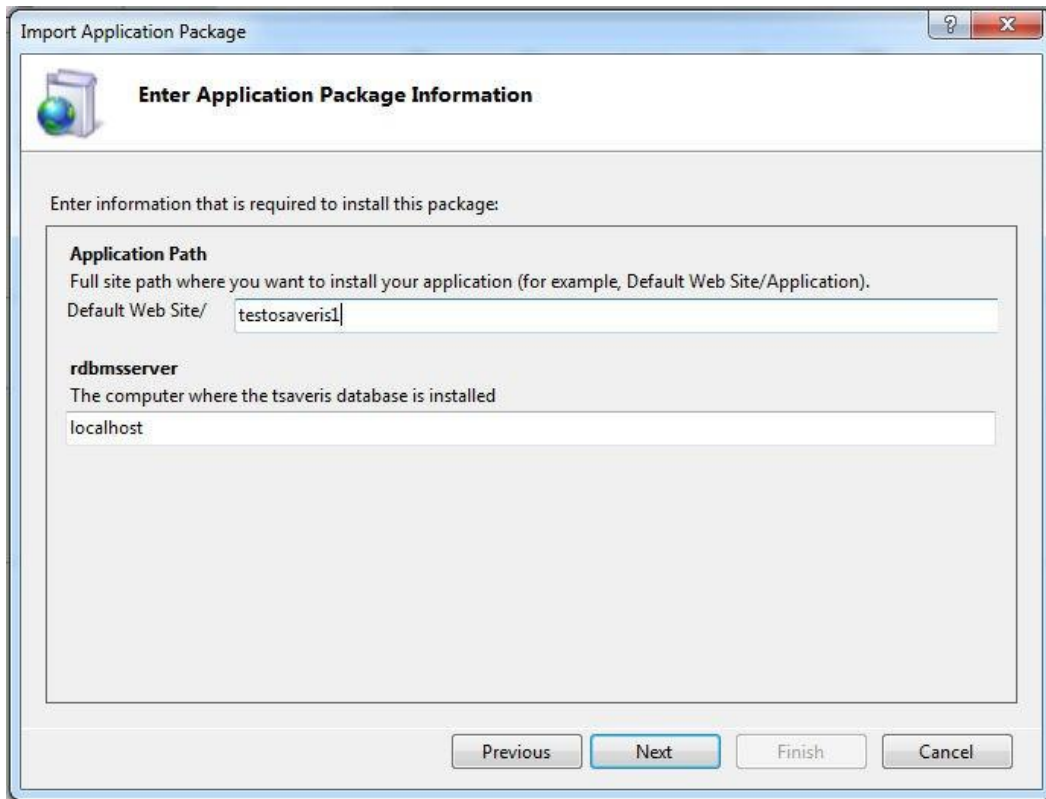
4. In the **Select the Package** wizard step, navigate to the **Saveris Web Access Installation CD**, open the folder **WebDeploy**, select the file **testosaverisweb.zip**.
5. Click **Next**.



6. In the **Select the Contents of the Package** step, leave all the check boxes selected and click **Next**.

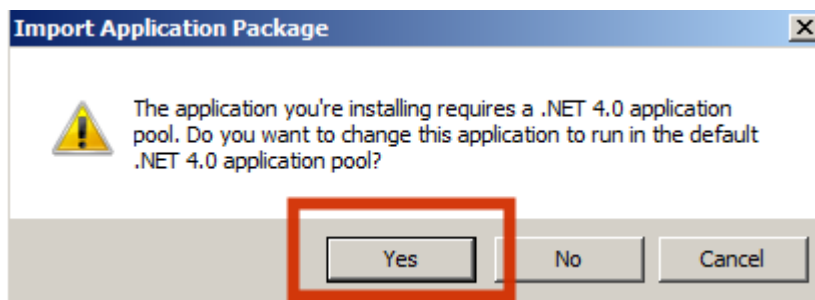


7. In the **Enter Application Package Information** Step, enter the Application path and the rdbmsserver.
8. Click on **Next**.



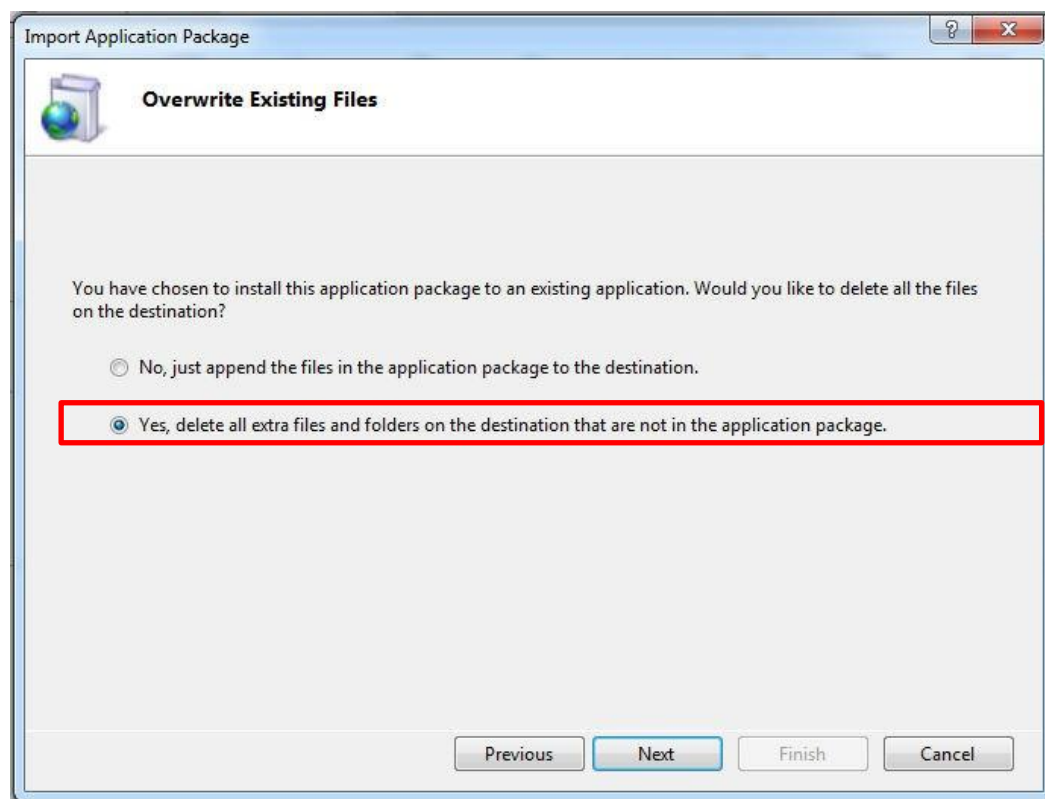
The screenshot shows a Windows-style dialog box titled "Import Application Package". Inside, there's a section titled "Enter Application Package Information" with a globe icon. Below this, it says "Enter information that is required to install this package:". There are two input fields: "Application Path" with the text "Full site path where you want to install your application (for example, Default Web Site/Application)." and "Default Web Site/" followed by a text box containing "testosaveris1"; and "rdbmsserver" with the text "The computer where the tsaveris database is installed" and a text box containing "localhost". At the bottom, there are four buttons: "Previous", "Next" (highlighted with a blue border), "Finish", and "Cancel".

9. The wizard asks you if you want to run the application in the default .NET 4.0 application pool. Confirm with **Yes**.

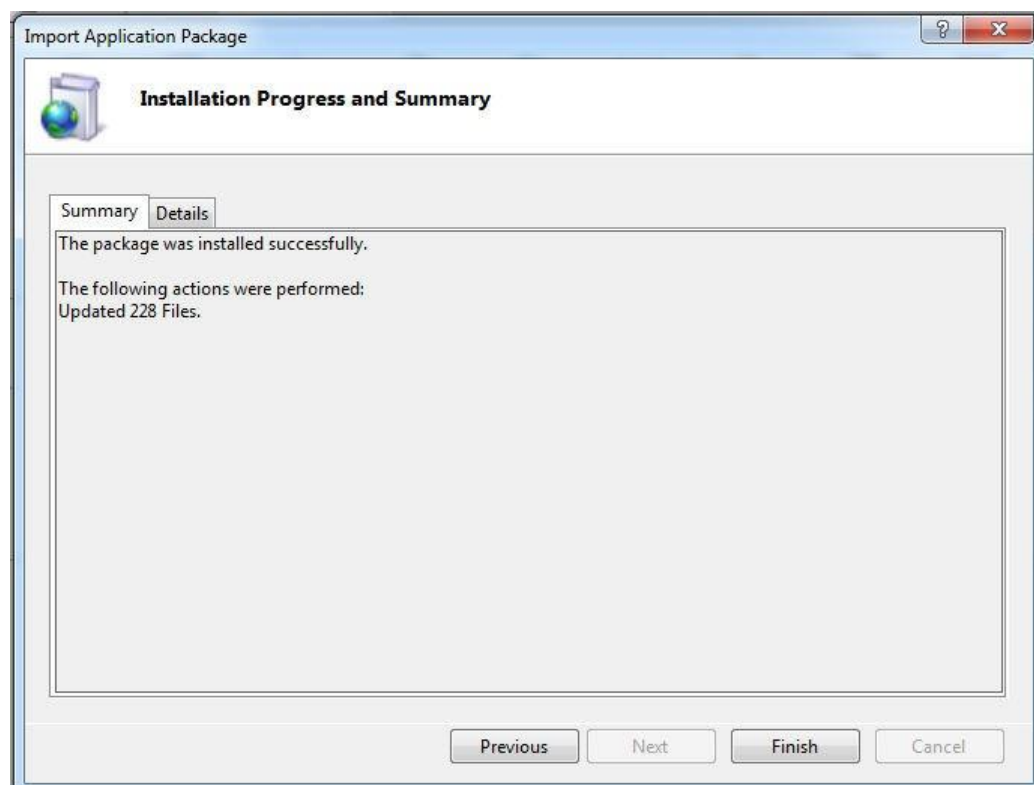


The screenshot shows a smaller dialog box titled "Import Application Package" with a yellow warning triangle icon. The text inside says: "The application you're installing requires a .NET 4.0 application pool. Do you want to change this application to run in the default .NET 4.0 application pool?". At the bottom, there are three buttons: "Yes", "No", and "Cancel". The "Yes" button is highlighted with a red rectangular box.

10. If you are updating your Saveris Web Access the wizard asks if you want to delete files at the destination that aren't in the source. Select **Yes, delete all extra files and folders...** and click **Next**.

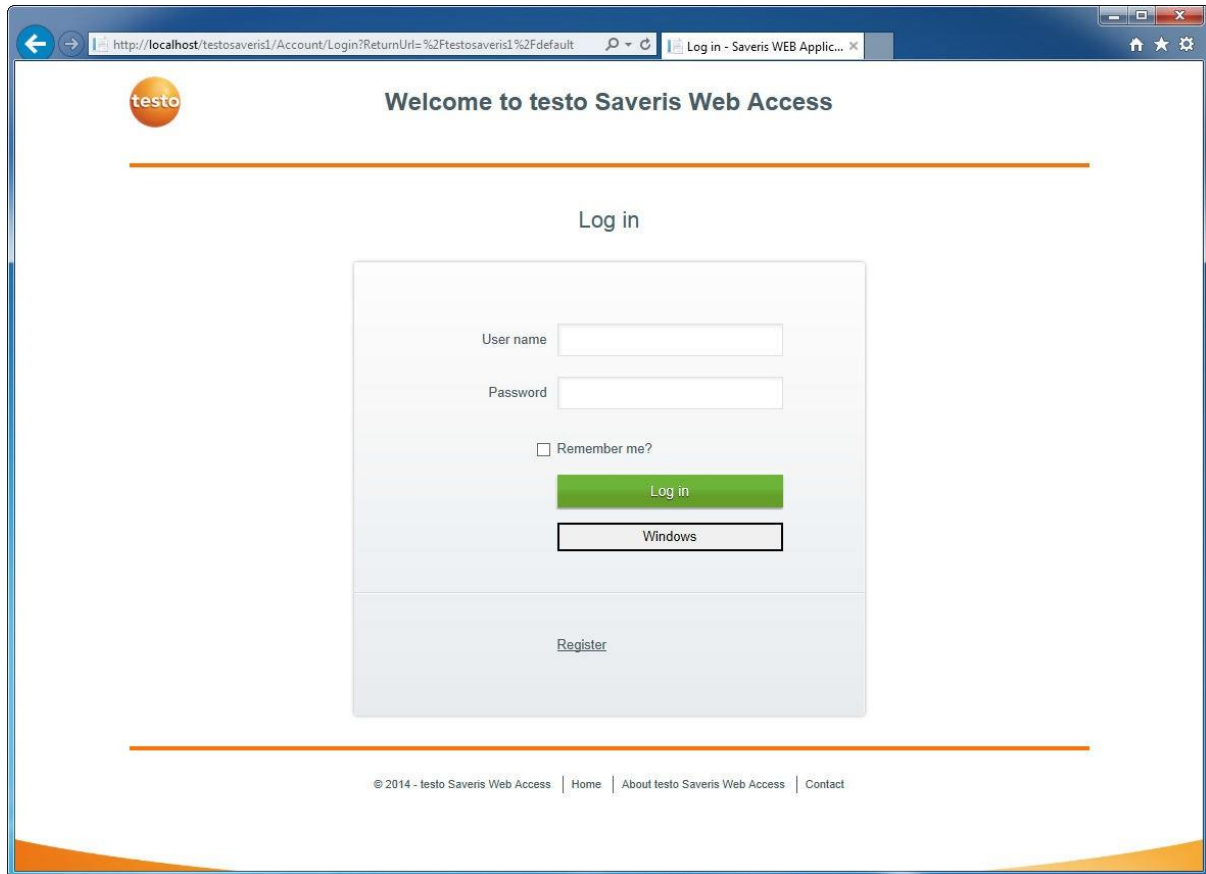


11. IIS Manager installs the package and reports its status.





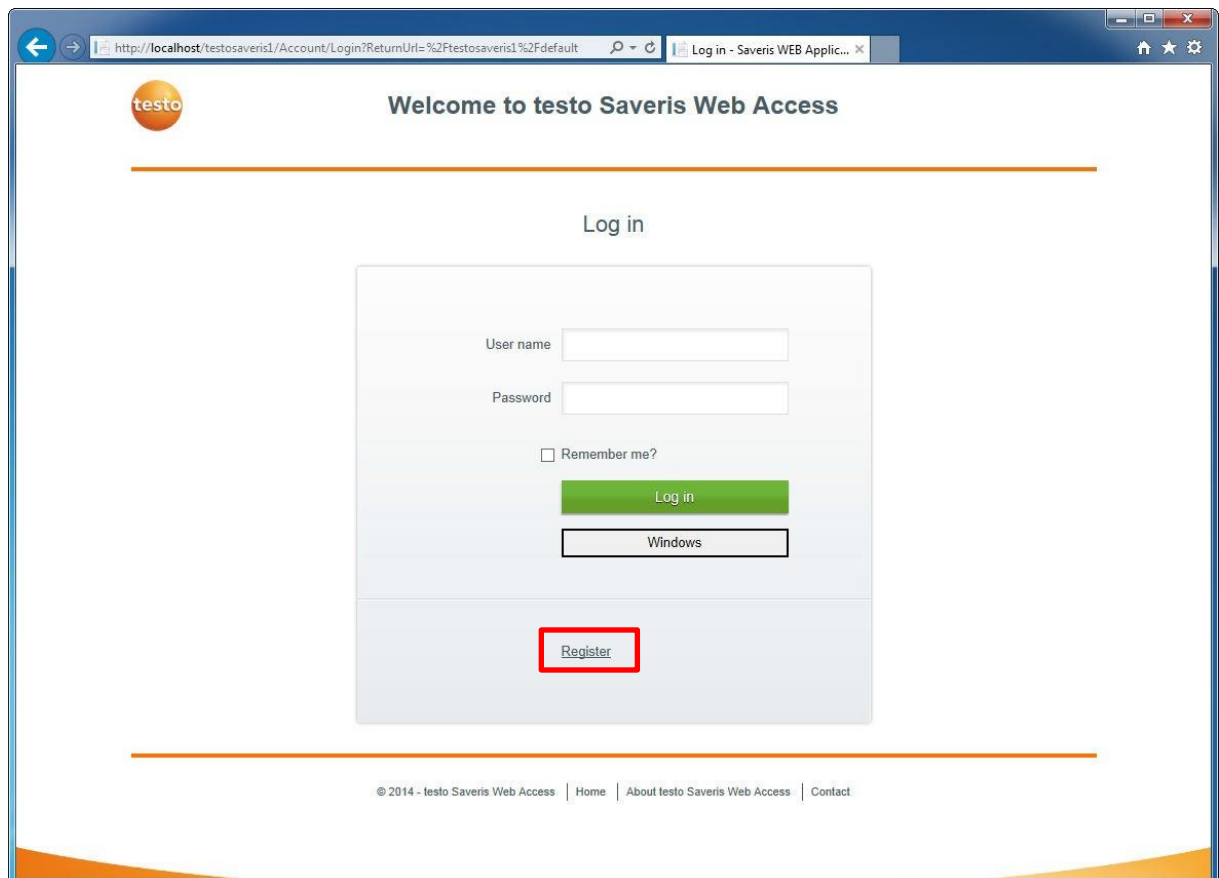
12. Your application has been deployed to the server, and you can test by browsing to your site's URL.



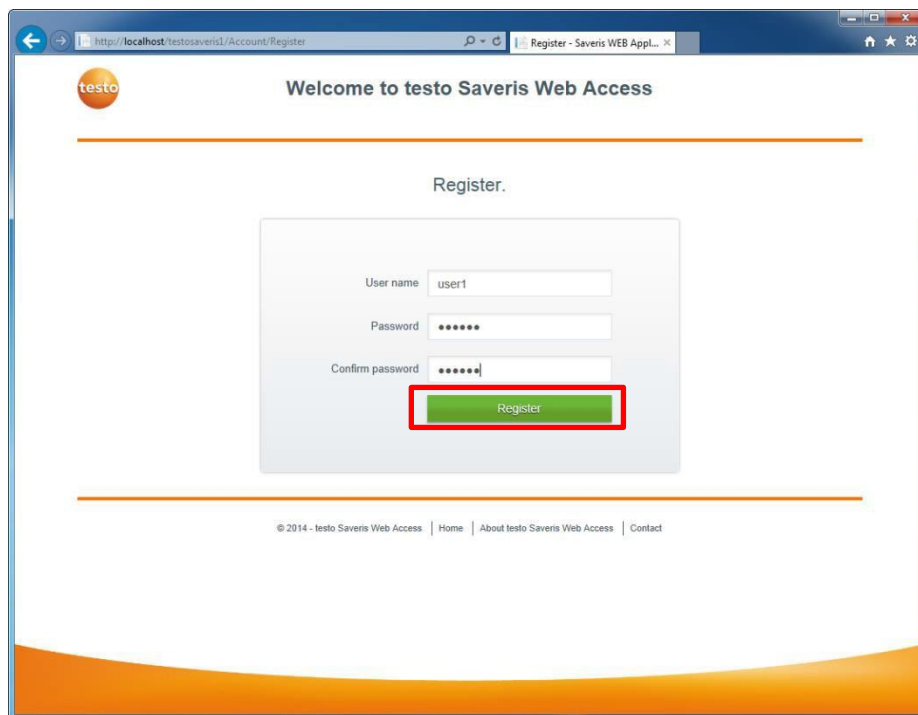


## 5. Initial Super-Admin Login

1. **Open** the testo Saveris Web Access in your web browser
2. Click on **Register** to create your first user account

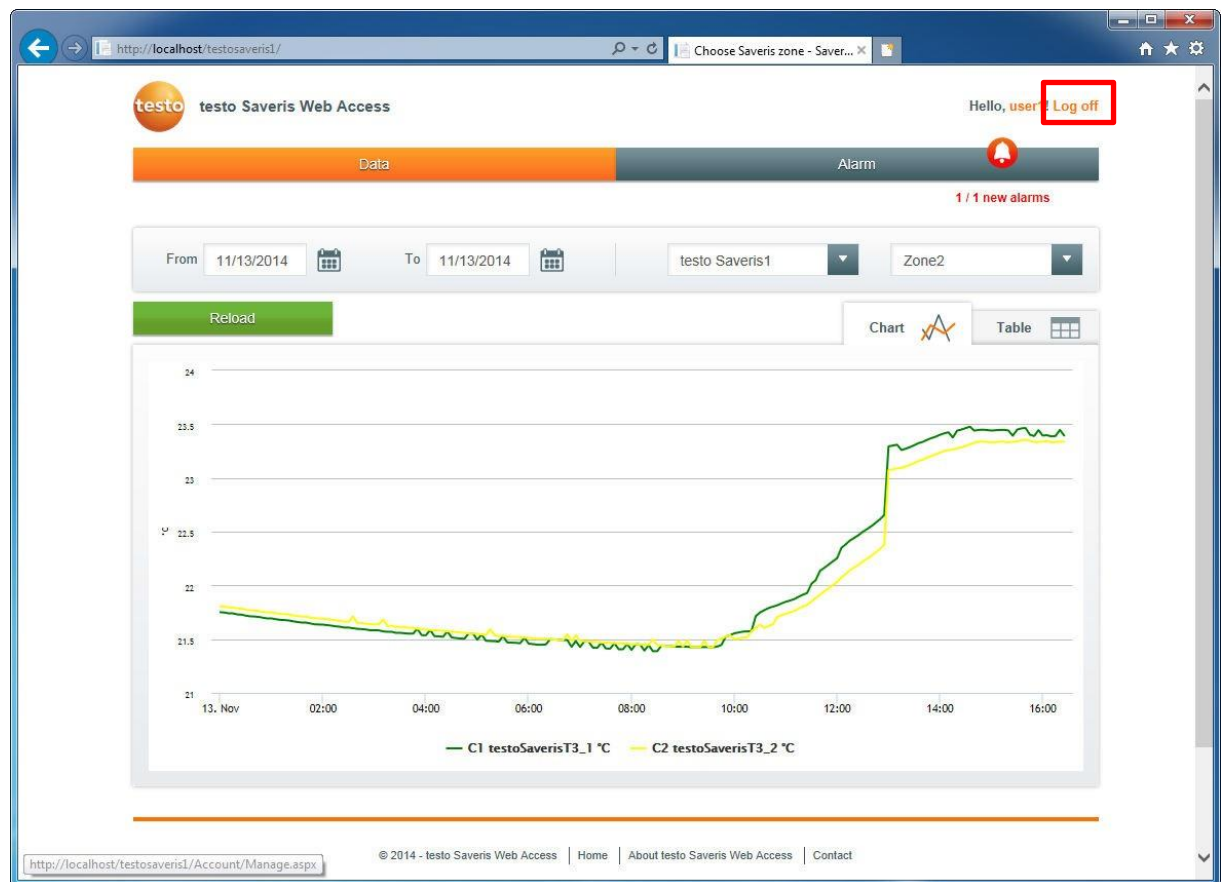


3. Enter username and password. Click on **Register**



4. You now created you first user account. The new user account has initial permissions which allow him to only view measuring data and alarms.
5. To manage user permissions click on **Log off** to return to the log in site

# How-To Install testo Saveris Web Access

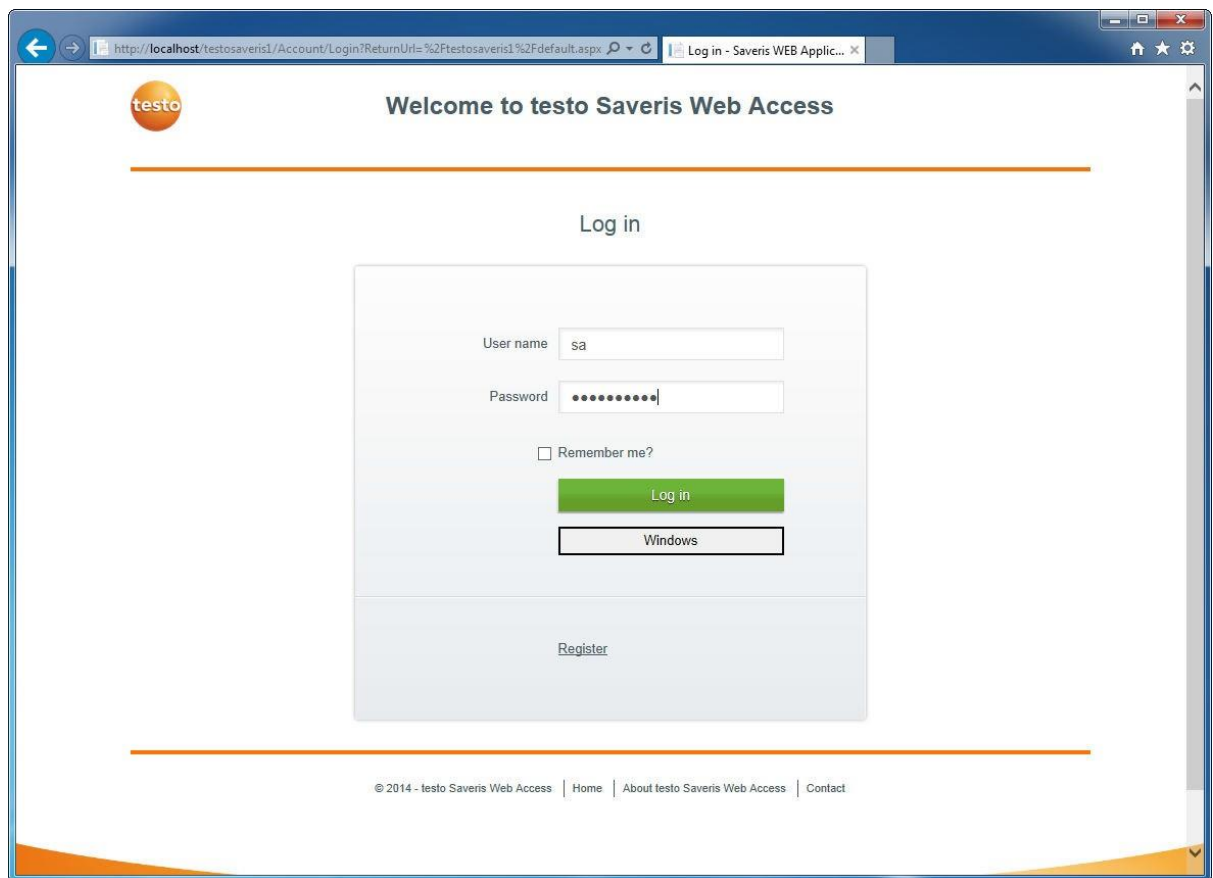


## 6. Log in with the initial Super-Admin Account

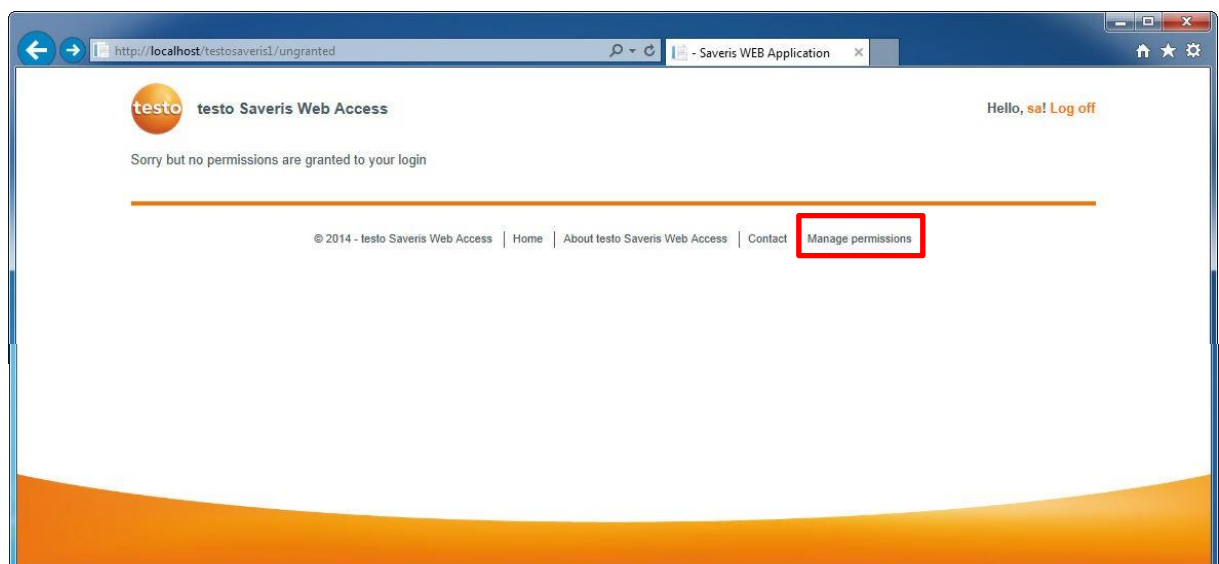
Username: sa

Password: Testoweb1!

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7. Click on **user permissions** to manage permissions



8. You now can edit user roles and permissions by clicking on the items in the according row.

The screenshot shows the 'testo Saveris Web Access' interface. The main content area displays a table of users and their permissions. Two side panels are open, showing configuration options for 'user1'.

User	Role	Permissions	
admin12	<a href="#">Operator/Admin</a>	<a href="#">testo Saveris1</a>	Delete
english	<a href="#">Operator</a>	<a href="#">testo Saveris1</a>	Delete
tester	<a href="#">none</a>	<a href="#">testo Saveris1</a>	Delete
u1	<a href="#">none</a>	<a href="#">testo Saveris1</a>	Delete
u2	<a href="#">none</a>	<a href="#">testo Saveris1</a>	Delete
u3	<a href="#">Operator</a>	<a href="#">testo Saveris1</a>	Delete
u4	<a href="#">Operator</a>	<a href="#">testo Saveris1</a>	Delete
u5	<a href="#">Operator</a>	<a href="#">none</a>	
u6	<a href="#">Operator</a>	<a href="#">none</a>	
u7	<a href="#">none</a>	<a href="#">testo Sav</a>	
u8	<a href="#">none</a>	<a href="#">testo Sav</a>	
u9	<a href="#">none</a>	<a href="#">testo Sav</a>	
user1	<a href="#">none</a>	<a href="#">testo Sav</a>	

**User permissions : user1**

- ☒ testo Saveris1
  - ☒ Zone1
  - ☒ Zone2
  - ☒ Zone3
  - ☒ Zone4
  - ☒ Zone5

**User roles : user1**

- ☐ Admin
- ☒ Operator

Submit

9. Click on sa to change the initial Super-Admin password to a secure individual password.  
Attention: If you forget the Super-Admin password you can't restore the password!

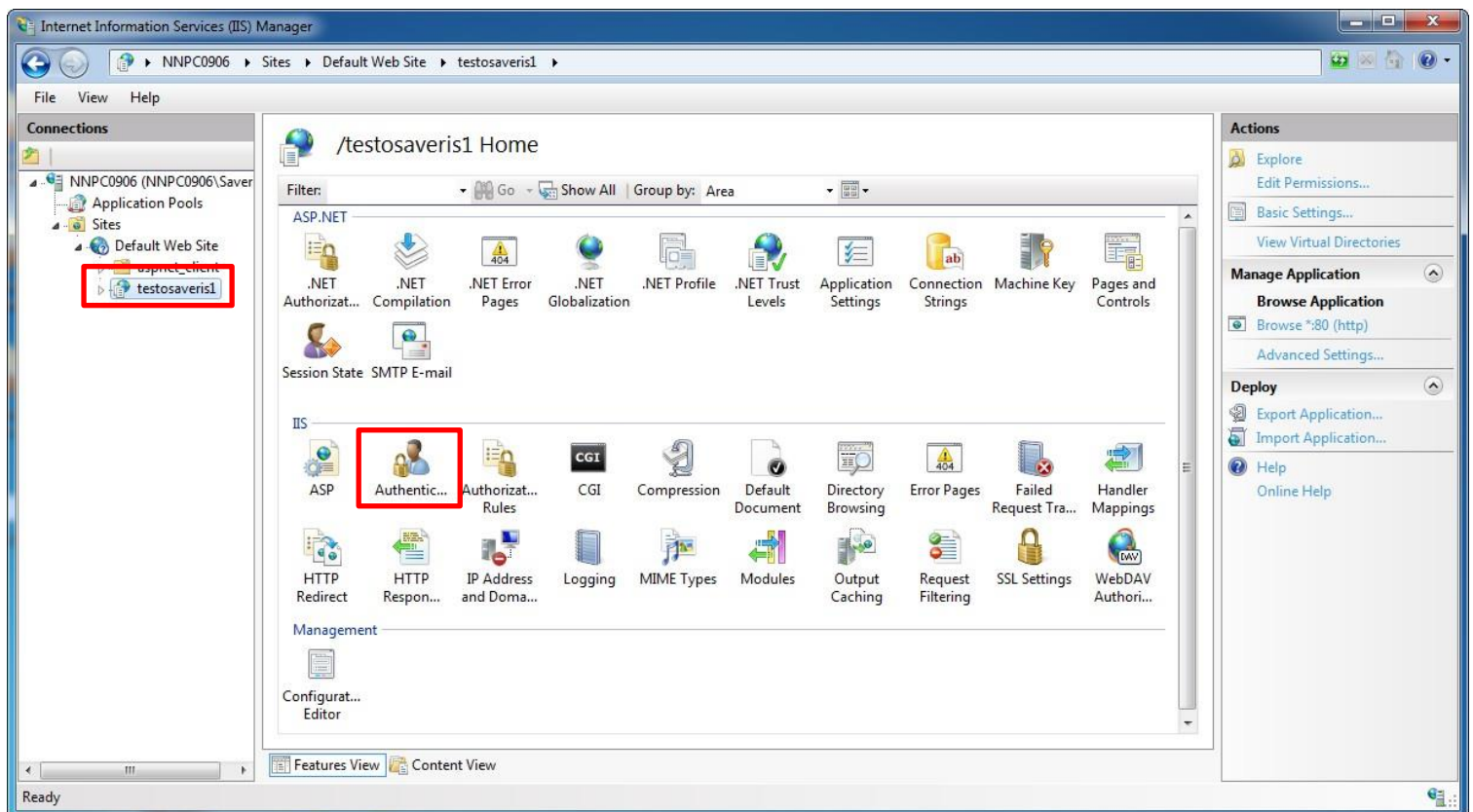
**10. Well done! You finished the initial testo Saveris Web Access installation!**

## 6. Optional: Activate Windows Authentication

Recommended as mandatory setting for testo Saveris CFR.

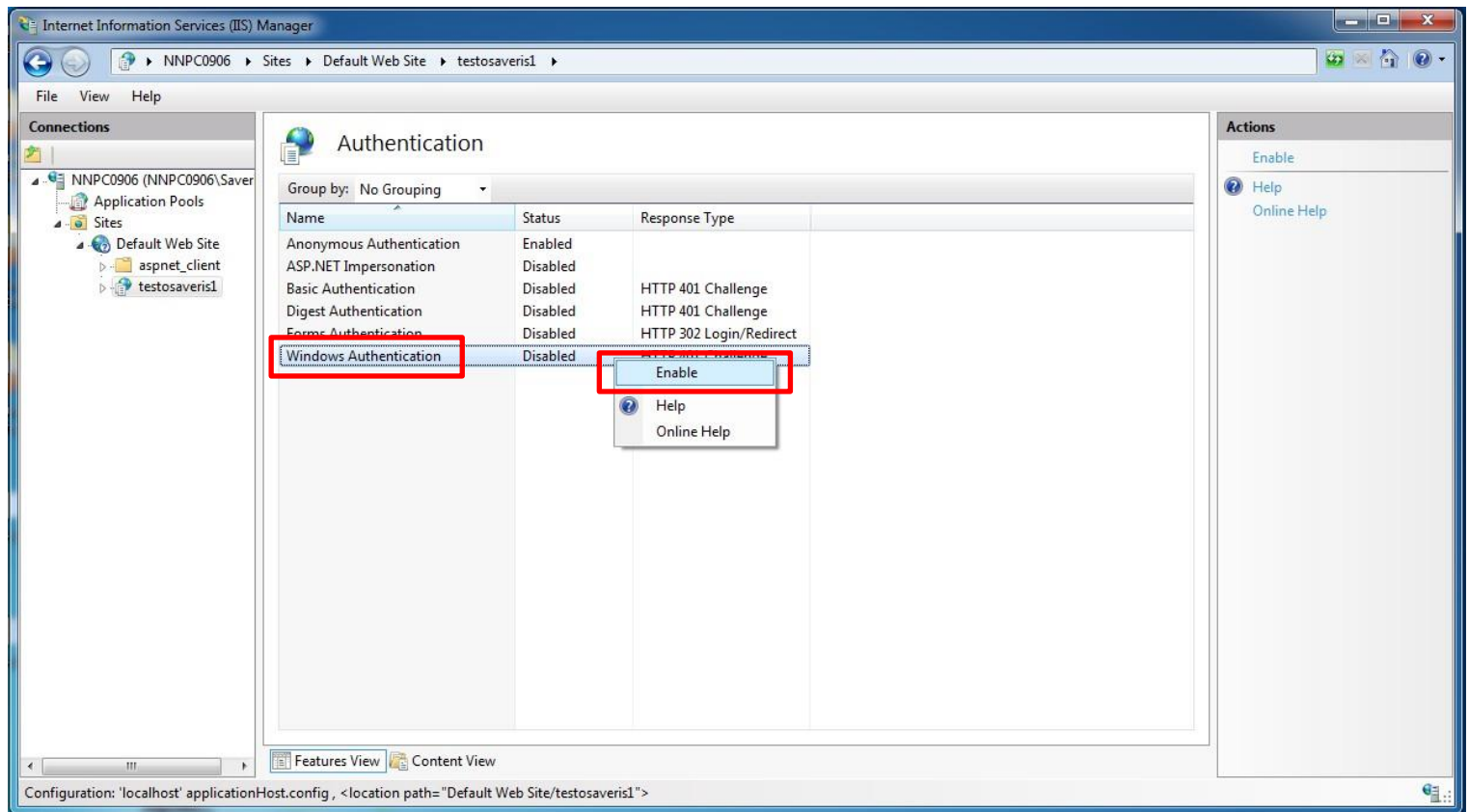
To activate Windows authentication for testo Saveris Web Access do the following:

1. **Run IIS Manager**
2. Go to the Saveris Web Access Website's folder
3. Double-click on Authentication



4. Enable the entry Windows Authentication

# How-To Install testo Saveris Web Access





## 7. Important CFR specific information

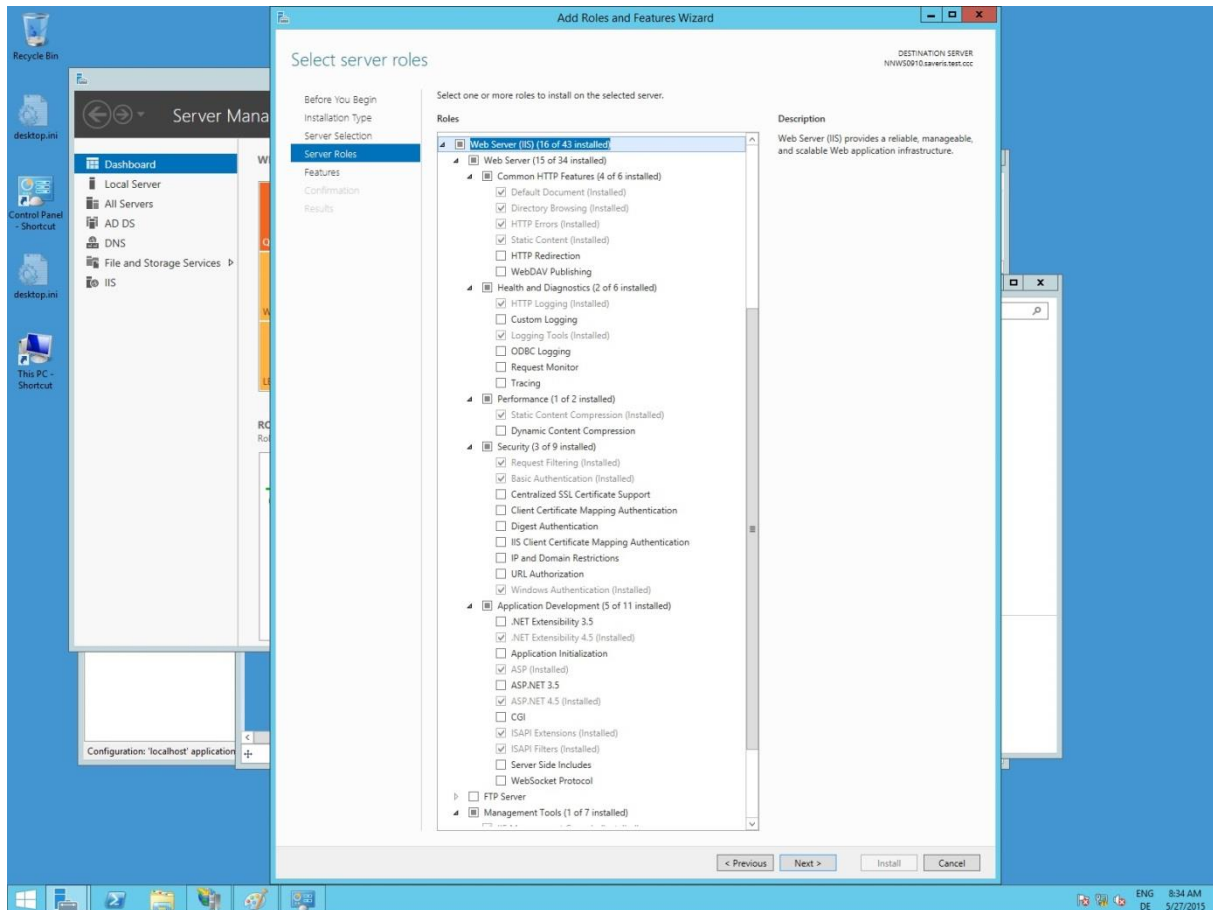
If you are using Testo Saveris Web Access in CFR environments please consider following information:

No.	Item
1	Testo Saveris Web Access users must be distinguishable from testo Saveris Comsoft users of the testo Saveris client software. This can e.g. be done through adding the identifier [WA] or similar.
2	Testo Saveris Web Access does not offer full security protection like sophisticated VPN solutions. Especially Web Access does not supply automated restricted access to the web server only for known users which subject to policing of service providers. If this functionality is seen as mandatory from the provider it is recommended to secure testo Saveris Web Access with an additional VPN solution.
3	Due to security reasons it is recommended to always close the web browser after logging out of the testo Saveris Web Access.
4	If the testo Saveris Client software does prescribe signature for alarm acknowledgement by configuration all testo Saveris Web Access users must not have operator user rights. This is due to the fact that testo Saveris Web Access is not able to demand signature for acknowledgment of alarms.

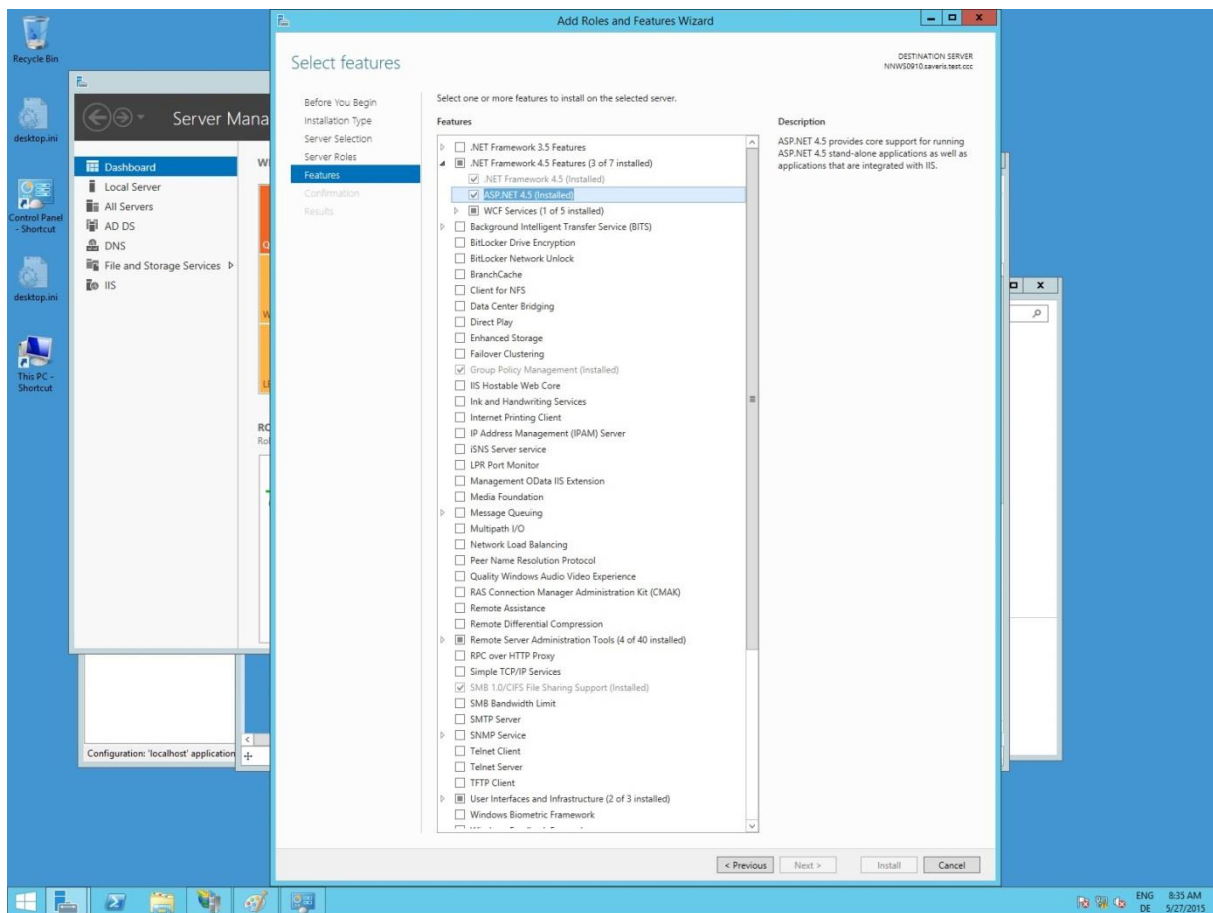
## 8. IIS install options

In case you have problems with accessing testo Saveris Web Access please check if the IIS install options (server roles, features, windows features) are set correctly.

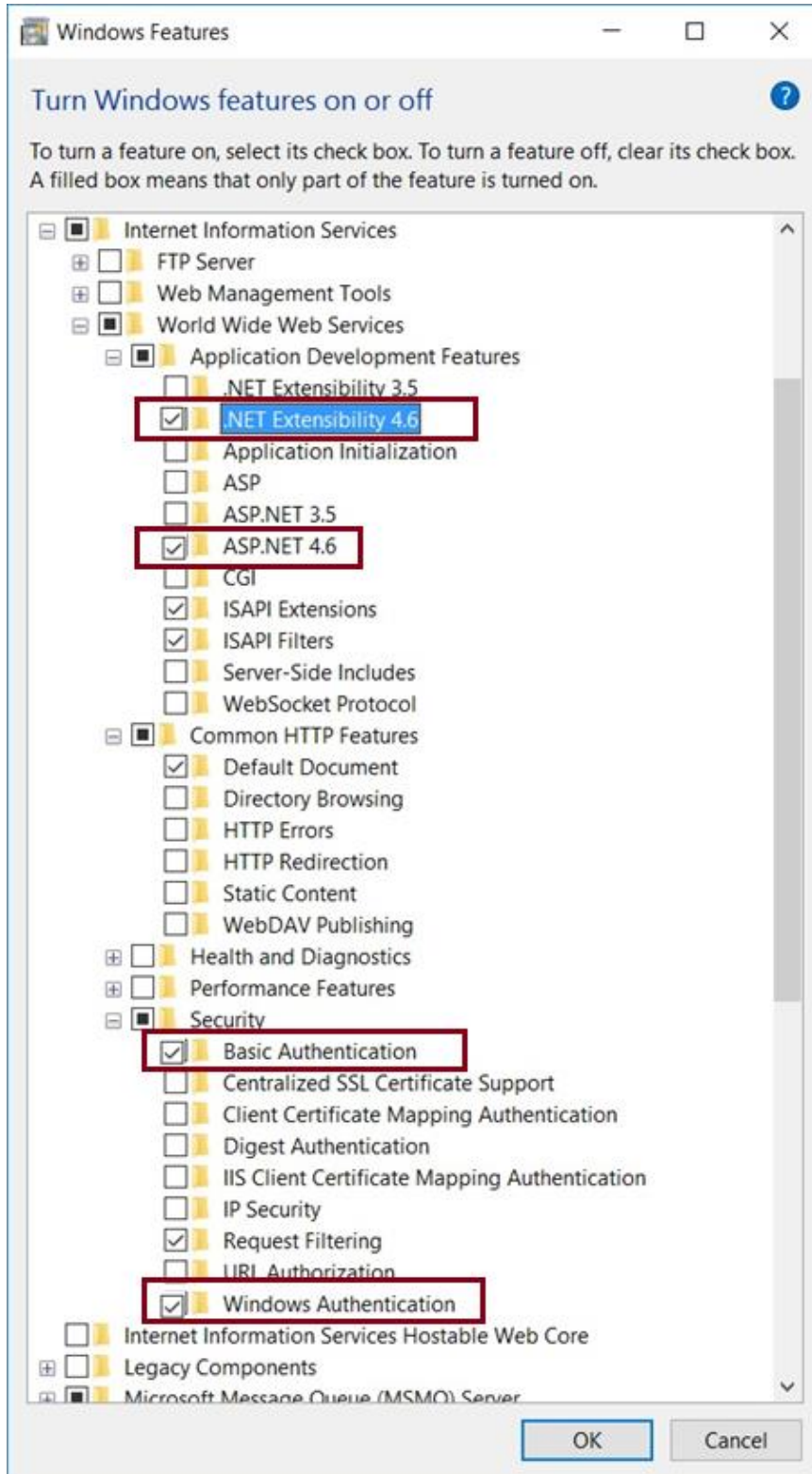
### Windows Server 2012



# How-To Install testo Saveris Web Access



## Windows 10



Activation of Windows Authentication is only necessary at CFR systems (see section 6)