

# SP2DKasdaAPI Guide

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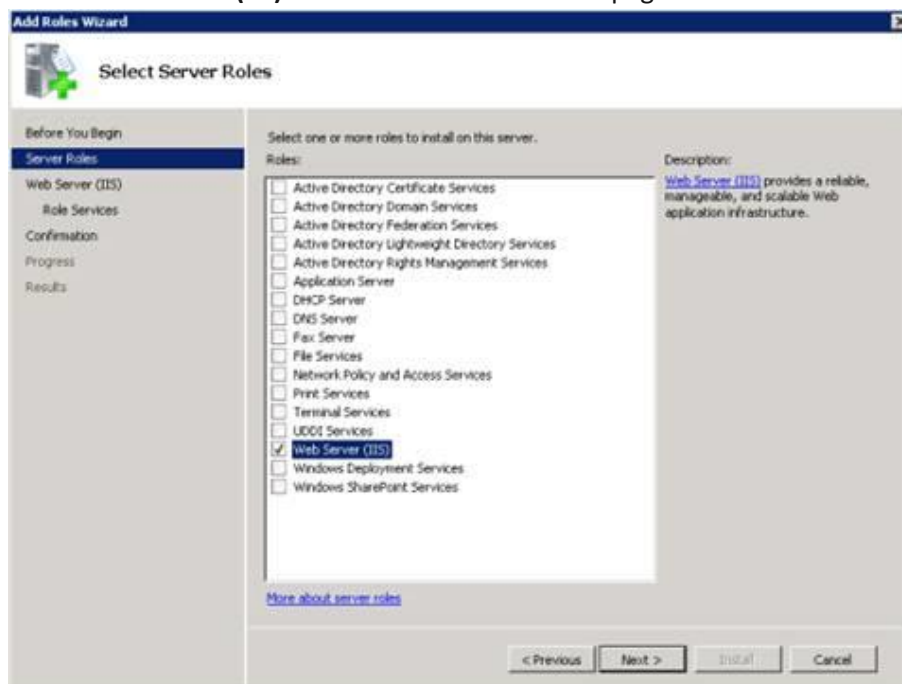
## Internet Information Service (IIS)

### Windows Server 2008:

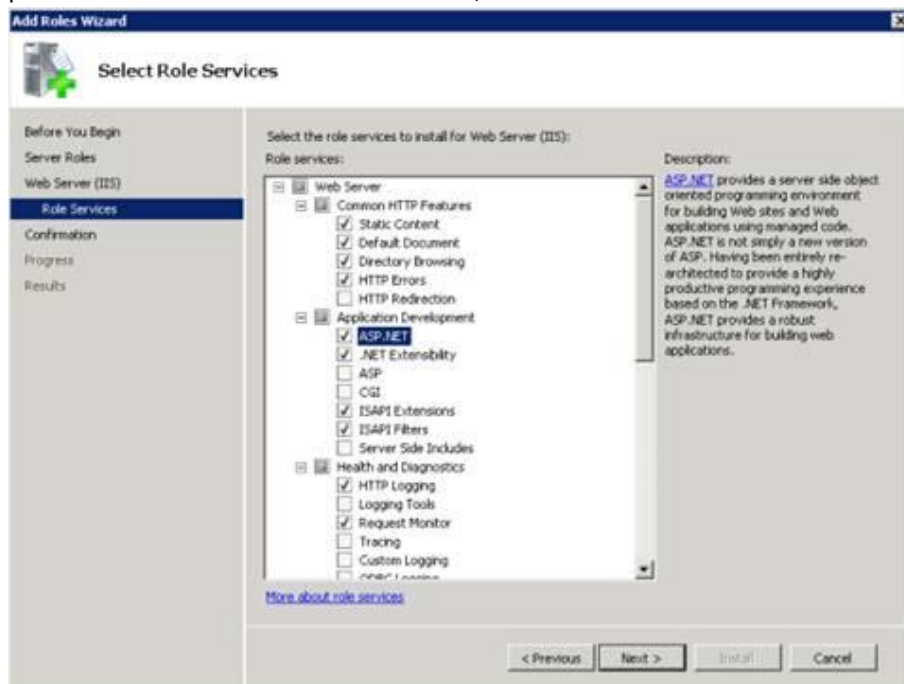
- a. Click **Start > All Programs > Administrative Tools > Server Manager**.



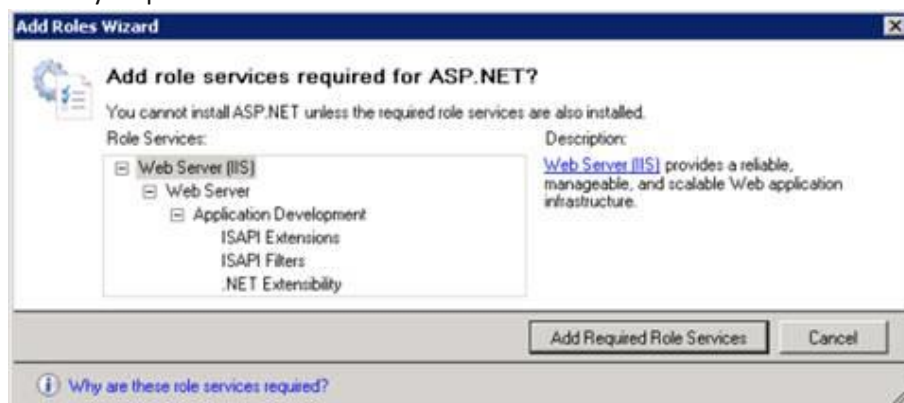
- b. In the **Server Manager** window, scroll down to **Roles Summary**, and then click **Add Roles**.
- c. Select **Web Server (IIS)** on the **Select Server Roles** page



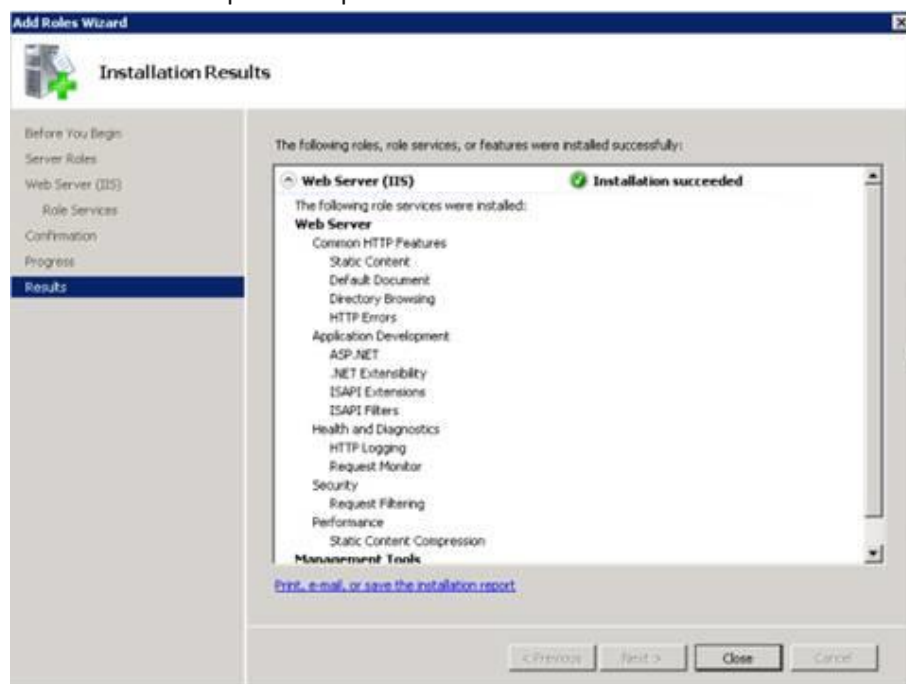
- d. Select the IIS services to be installed on the **Select Role Services** page. Add only the modules necessary. In this case, ASP.NET is selected, and a description of ASP.NET appears in the right pane. Once desired modules are added, click **Next**.



- e. Add any required role services.



- f. IIS is now installed with a default configuration for hosting ASP.NET on Windows Server. Click **Close** to complete the process.

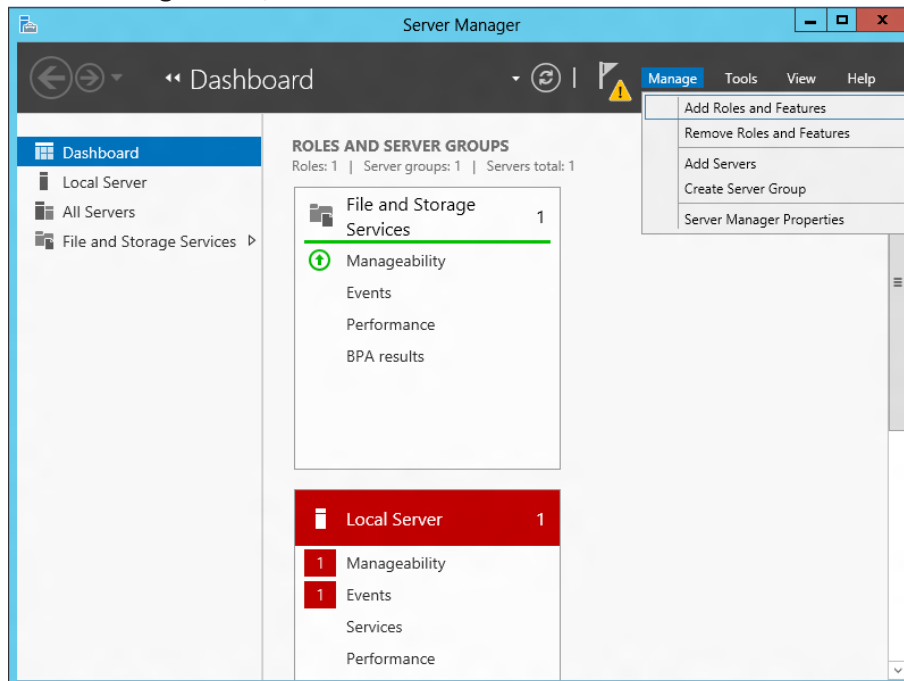


- g. Confirm that the Web server works by using <http://localhost>.

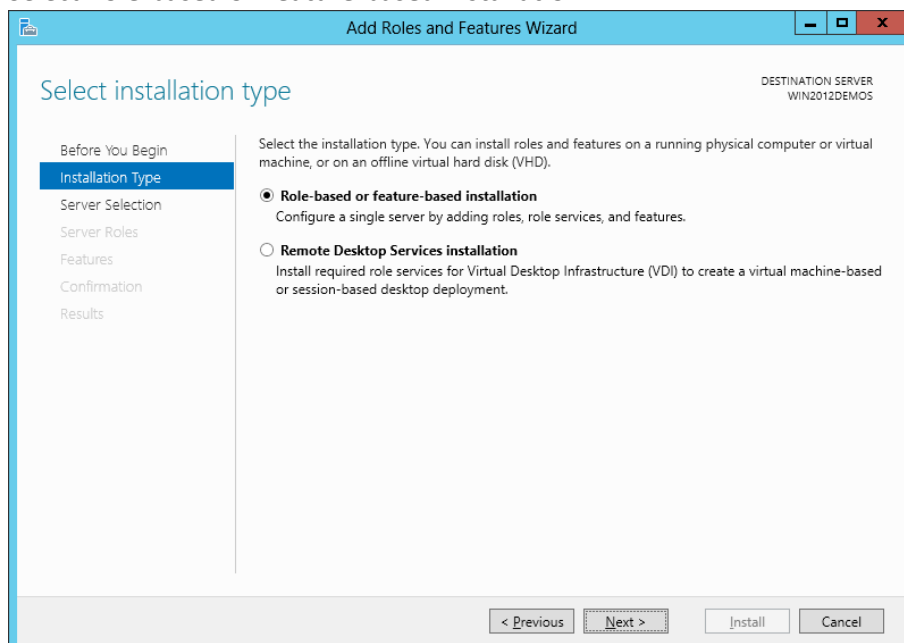


## Windows Server 2012:

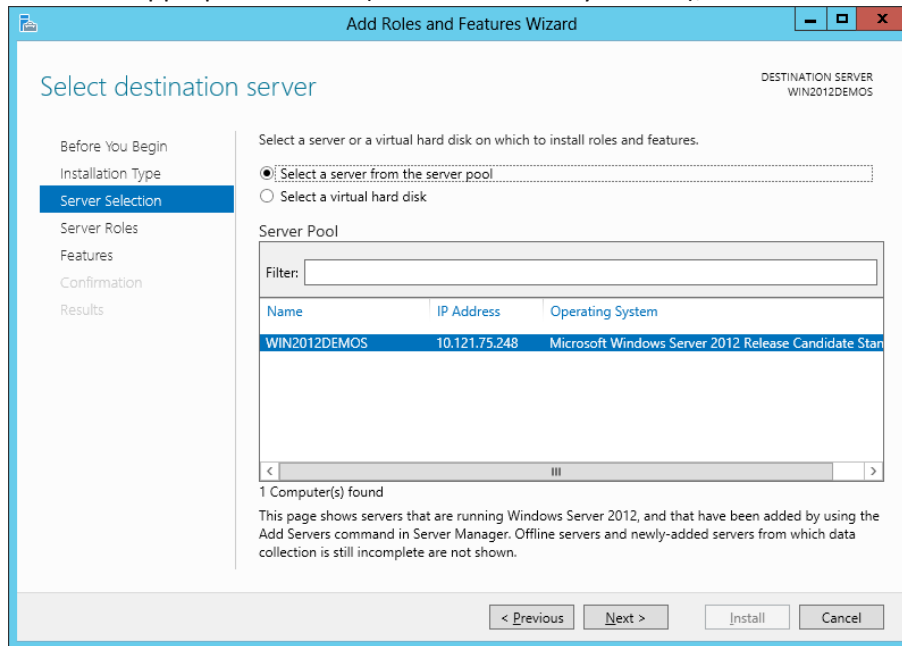
- a. Open **Server Manager**.
- b. Under **Manage** menu, select **Add Roles and Features**:



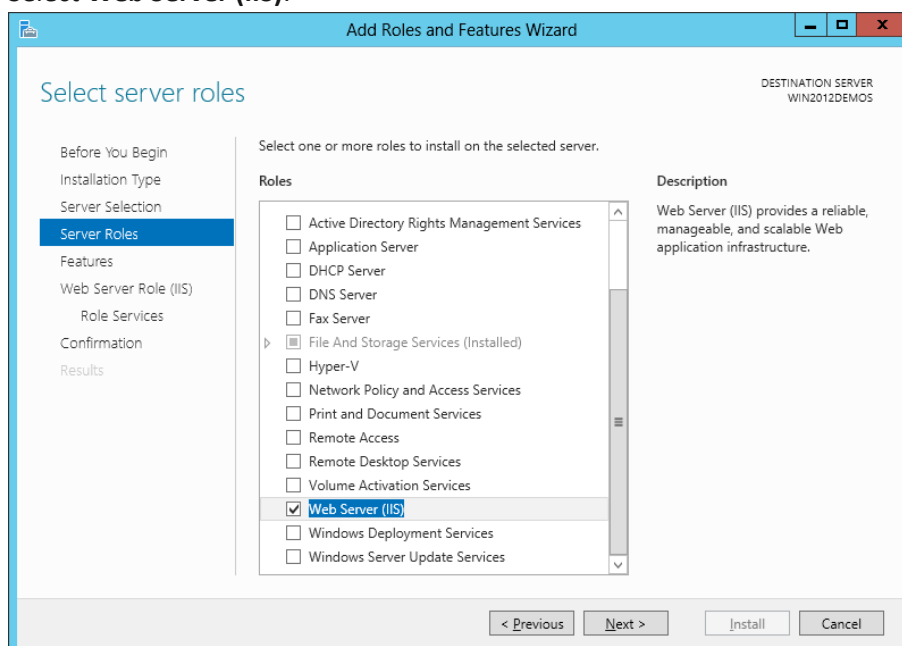
- c. Select **Role-based or Feature-based Installation**:



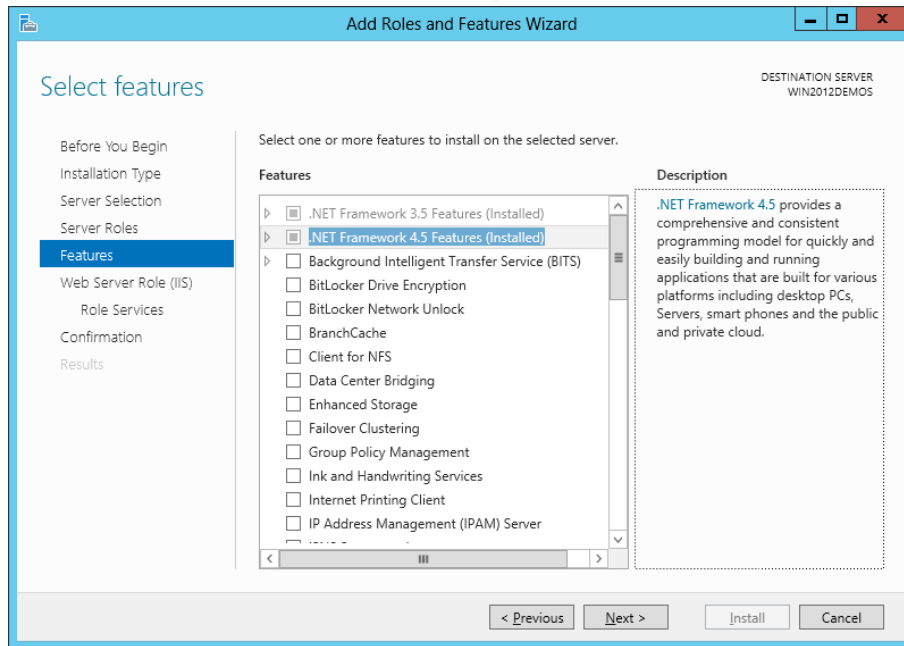
- d. Select the appropriate server (local is selected by default), as shown below:



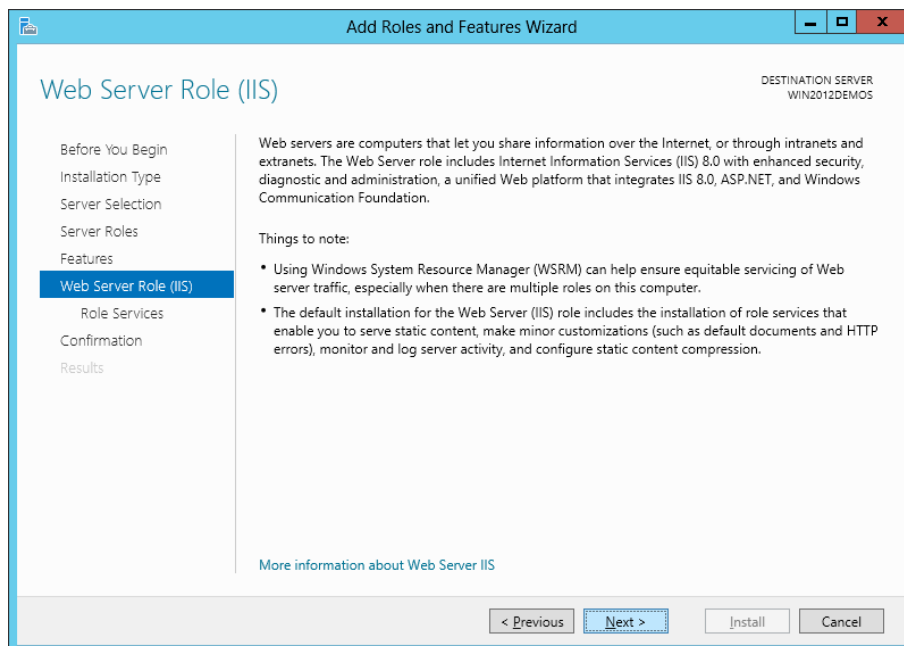
- e. Select **Web Server (IIS)**:



- f. No additional features are needed for IIS, so click **Next**:

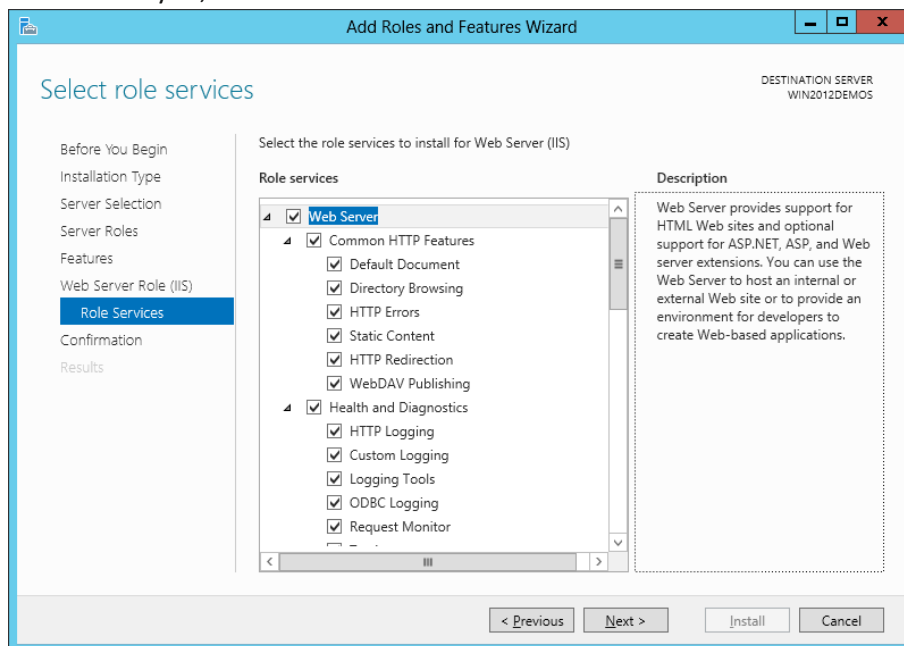


- g. Click **Next**:

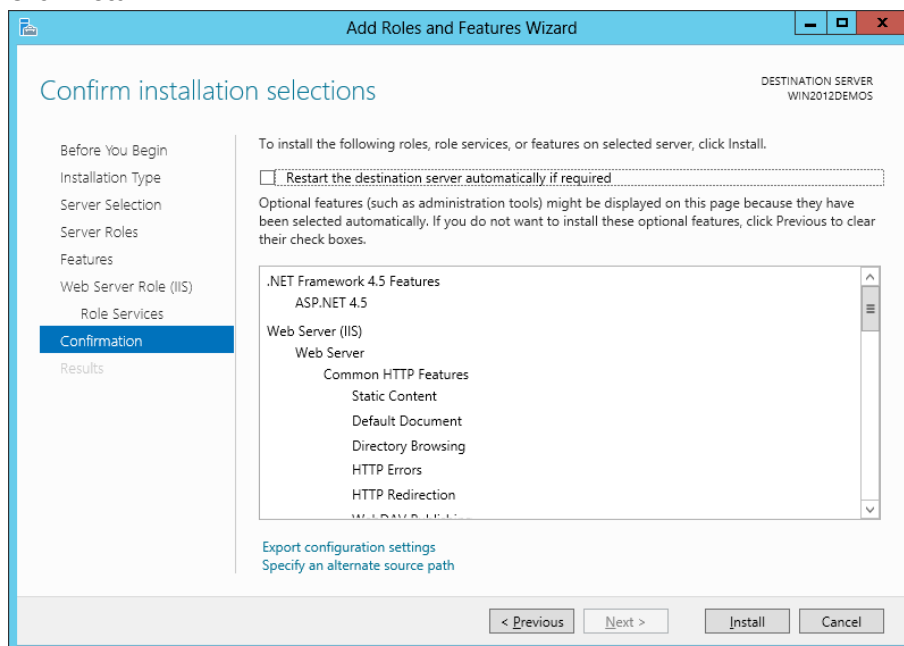




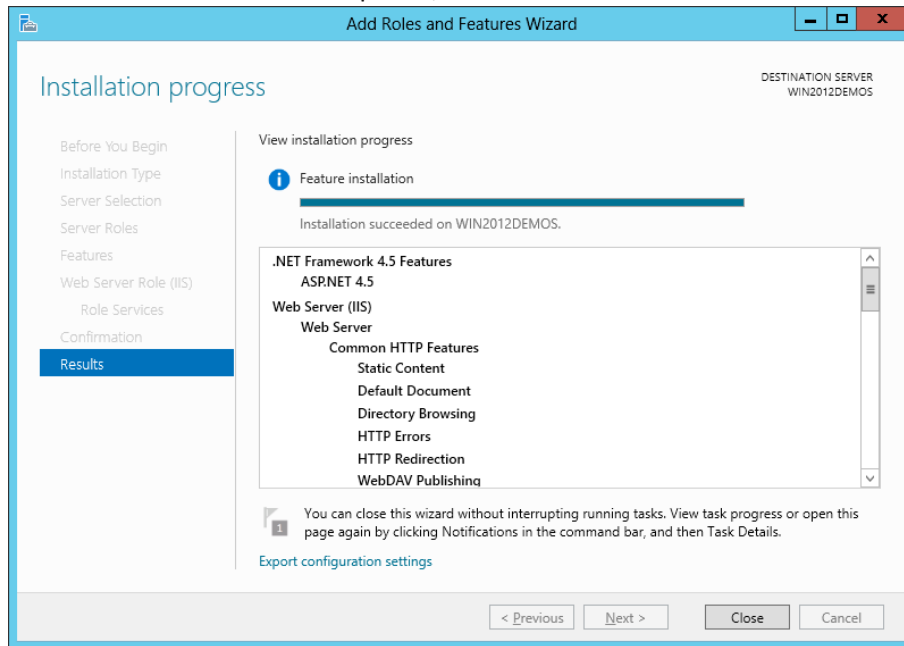
- h. Customize your installation of IIS, or accept the default settings that have already been selected for you, and then click **Next**:



- i. Click **Install**:



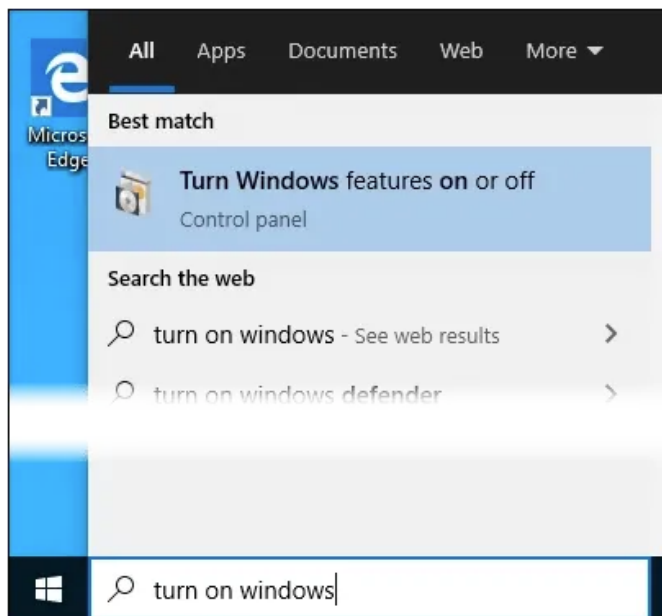
- j. When the IIS installation completes, the wizard reflects the installation status:



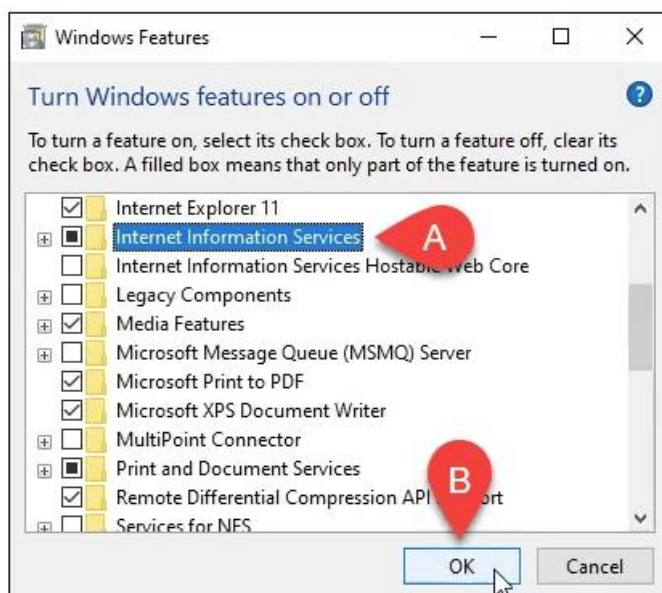
- k. Click **Close** to exit the wizard.

## Windows 10:

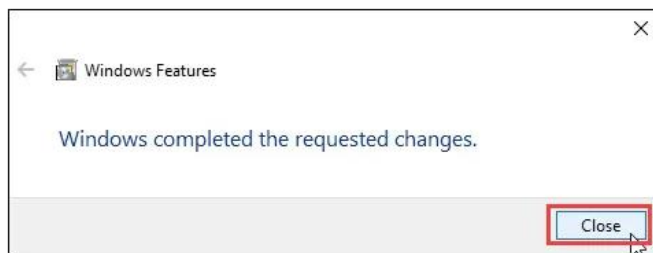
- a. Start typing “turn on windows” in the Search bar. The **Turn Windows features on or off** utility will show as a result. Click on it.



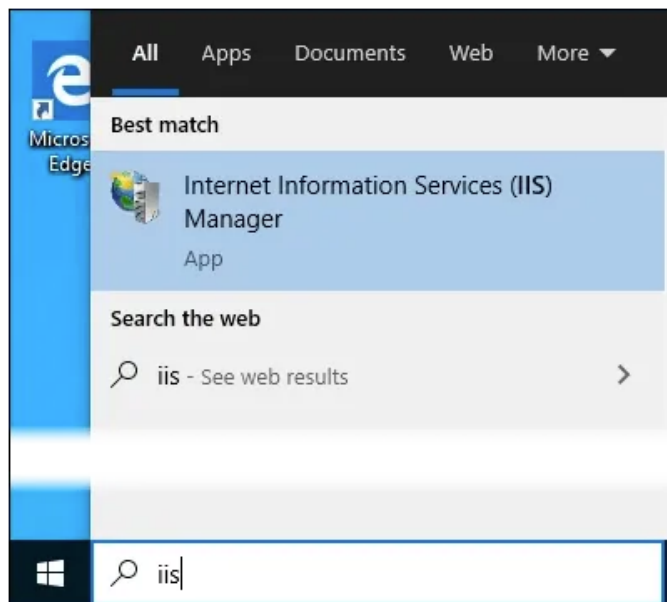
- b. The **Windows Features** window will open. It may take a bit for the different features to load. Once it does, click on the checkbox next to **Internet Information Services** and then click the **OK** button.



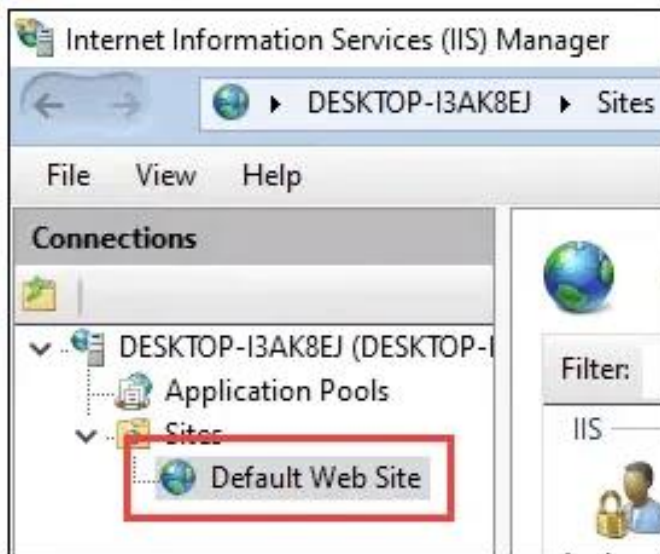
- c. The installation will begin and can take several minutes. Once it's completed, click on the **Close** button.



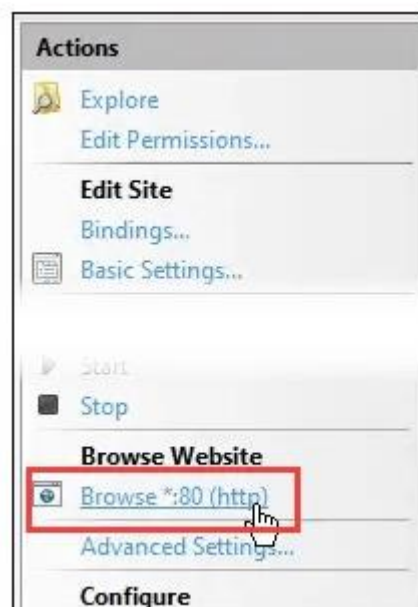
- d. To ensure that IIS is installed and working, type **IIS** in the **Search** bar near the **Start** button. You'll see the **Internet Information Services Manager** as a result. Click on that to open it.



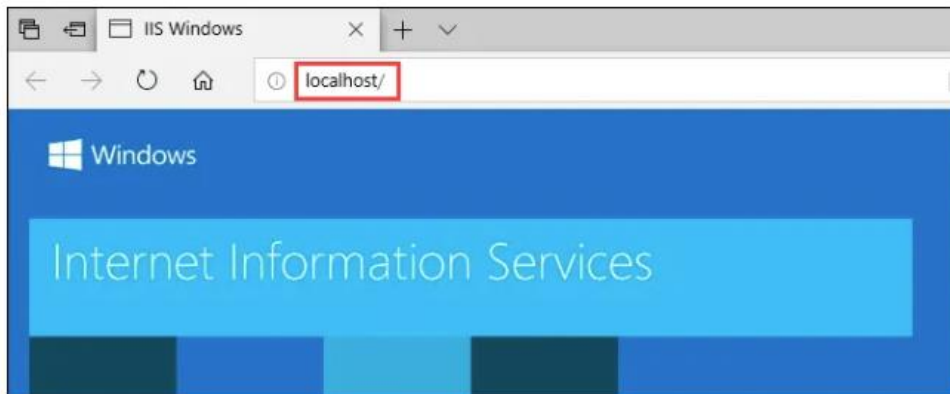
- e. When IIS Manager opens, look in the left pane of the window under **Connections**. Expand the tree menu until you see **Default Web Site**. That's a placeholder site that is installed with IIS. Click on it to select it.



- f. On the right side of the IIS Manager look under the **Browse Website** section. Click on **Browse \*:80 (http)**. That will open the default web site in your default web browser.

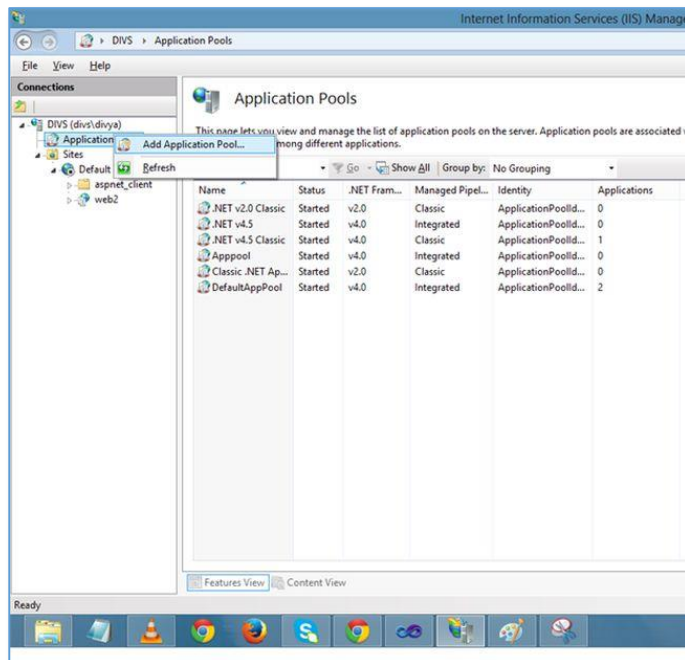


- g. You'll see a web page like the following. Notice in the address bar that it says **localhost**. That's the address to type in to go to your new website.

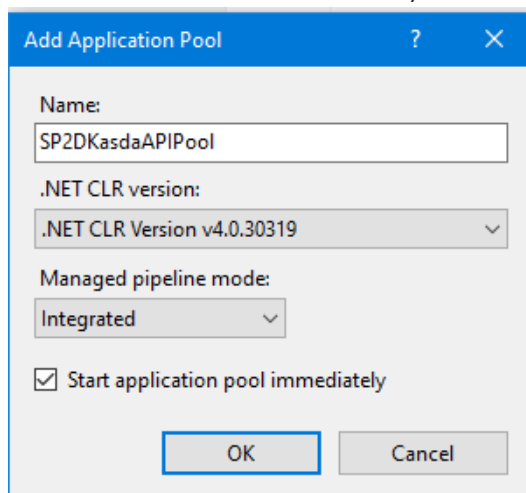


## Create Application Pools

- Open **Internet Information Services (IIS) Manager**:
- In the **Connections** pane, expand the server name, and then click **Application Pools**.
- Right-click in Application Pool item, then click **Add Application Pool...**.



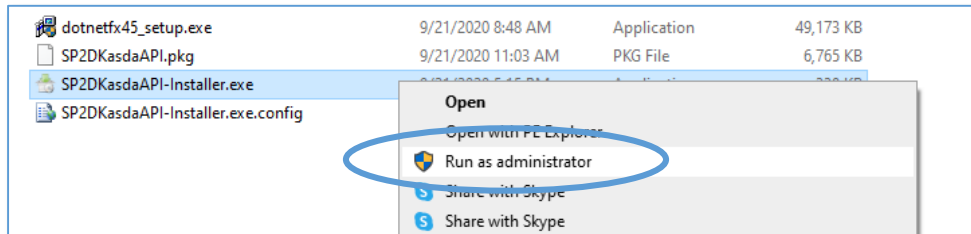
- Provide the name of Application Pool and select the version of the .Net Framework (for SP2DKasdaAPI choose v4.0.30319) and click OK.



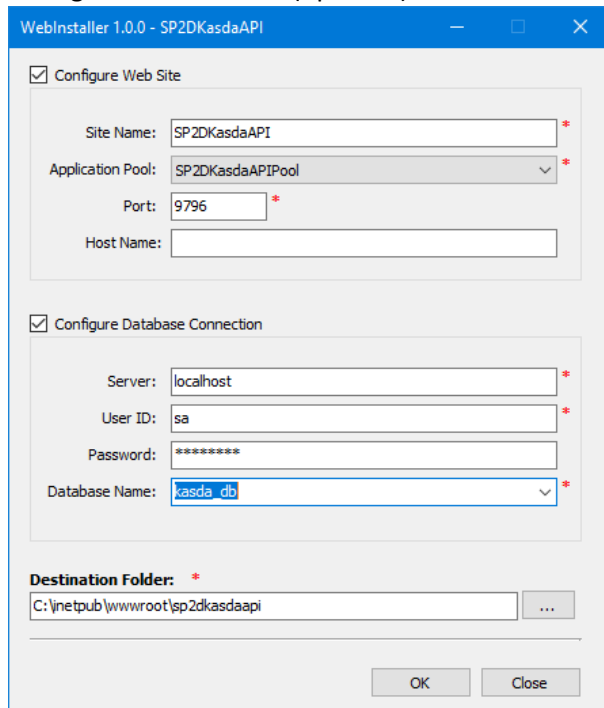
# SP2DKasdaAPI Application

## Installation

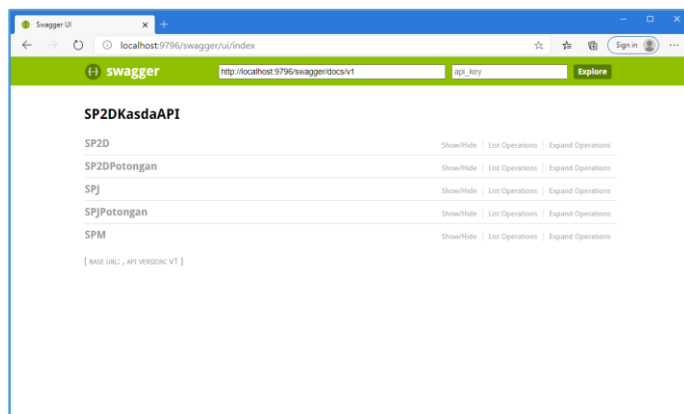
1. Run **SP2DKasdaAPI-Installer.exe** as administrator (Right-click at **SP2DKasdaAPI-Installer**, then click **Run as administrator**.)



2. Configure the Web Site (optional) and Database Connection (optional)



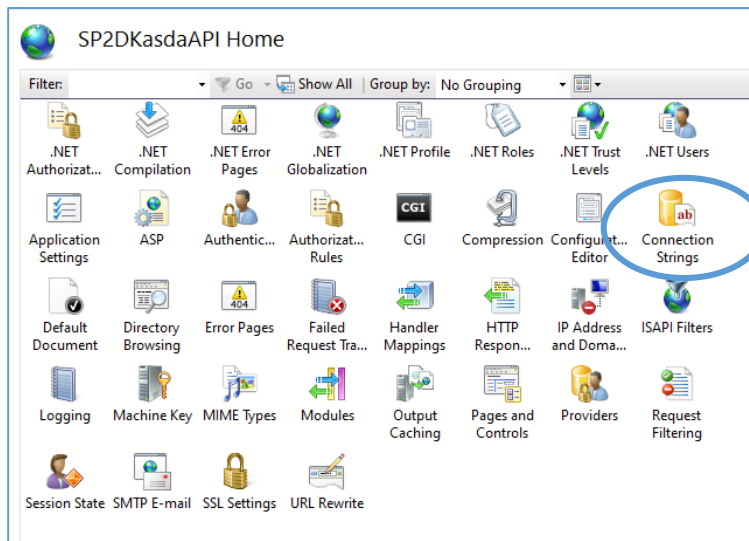
3. SP2DKasdaAPI Swagger will can be accessed from <http://localhost:9796/swagger>



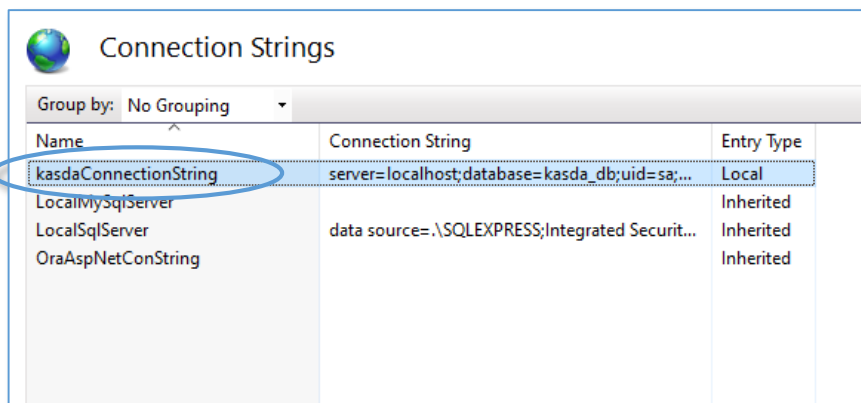


## Update Database Connection

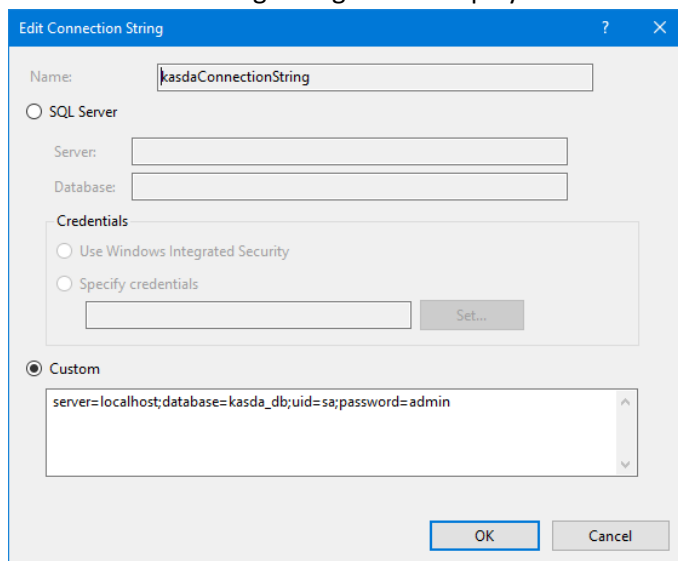
1. Open Internet Information Server (IIS) Manager
2. Select **SP2DKasdaAPI** site name, then double-click at **Connection Strings**.



3. Double-click at kasdaConnectionString for update it



4. Edit ConnectionString dialog will be displayed



## API LIST

Note: Make sure you use **Content-Type : application/json** when send data to SP2DKasdaAPI.

### SP2D

<http://10.10.66.120:9796/api/SP2D>

#### API

API	Use	Key
SP2D	handle data in <b>TrxSP2D</b> table	<ul style="list-style-type: none"><li>Tahun</li><li>No_SP2D</li></ul>

#### METHOD

Method	Sample JSON	Description
POST	<pre>{   "Kd_Urusan": 100,   "Kd_Bidang": 101,   "Kd_Unit": 102,   "Kd_Sub": 103,   "Tahun": 2020,   "No_SP2D": "No-SP2D-Tes-1",   "Tgl_SP2D": "2020-09-17T06:27:11.090Z",   "No_SPM": "No-SPM-Tes-1",   "Tgl_SPM": "2020-09-17T06:27:11.090Z",   "Jn_SPM": "JM",   "Nm_Penerima": "NM Penerima Tes",   "Keterangan": "Keterangan Tes",   "NPWP": "NPWP Tes",   "Bank_Penerima": "Bank Tes",   "Rek_Penerima": "Rek Tes",   "Tgl_Penguji": "2020-09-17T06:27:11.090Z",   "Nm_Bank": "NM Bank Tes",   "No_Rekening": "No Rek Tes",   "Nilai": 5000,   "DateCreate": "2020-09-17T06:27:11.090Z",   "Cair": 1,   "TglCair": "2020-09-17T06:27:11.090Z",   "Gaji": 1,   "Nm_Unit": "NM Unit Tes",   "Nm_Sub_Unit": "Sub Unit Tes",   "Uraian": "Uraian Tes" }</pre>	Insert /Add New record using JSON data
PUT	<pre>{   "Tahun": 2020,   "No_SP2D": "No-SP2D-Tes-1",   "Keterangan": "Keterangan Tes Update",   "NPWP": "NPWP Tes Update",   "Bank_Penerima": "Bank Tes Update" }</pre>	Update/Edit data [Keterangan], [NPWP] and [Bank Penerima] in data [Tahun]:2020 and [No_SP2D]:No-SP2D-Tes-1.
DELETE	<pre>{   "Tahun": 2019,   "No_SP2D": "10236" }</pre>	Delete data [Tahun]:2020 and [No_SP2D]:10236.

GET	{ "Tahun": 2020, "Nm_Penerima": "INSPEKTORAT", }	List data for [Tahun]:2020 and [Nm_Penerima] LIKE INSPEKTORAT
GET	{ "DateCreate": "2020-09-17" }	List data for [DateCreate]:2020-09-17

#### HTTP GET FILTER

Parameter	Operator
Kd_Urusan	=
Kd_Bidang	=
Kd_Unit	=
Kd_Sub	=
Tahun	=
No_SP2D	LIKE
Tgl_SP2D	= (Date Format: YYYY-MM-DD)
No_SPM	LIKE
Tgl_SPM	= (Date Format: YYYY-MM-DD)
Jn_SPM	LIKE
Nm_Penerima	LIKE
Keterangan	LIKE
NPWP	LIKE
Bank_Penerima	LIKE
Rek_Penerima	LIKE
Tgl_Penguji	= (Date Format: YYYY-MM-DD)
Nm_Bank	LIKE
No_Rekening	LIKE
Nilai	=
DateCreate	= (Date Format: YYYY-MM-DD)
Cair	=
TglCair	= (Date Format: YYYY-MM-DD)
Gaji	=
Nm_Unit	LIKE
Nm_Sub_Unit	LIKE
Uraian	LIKE

## SP2D Potongan

<http://10.10.66.120:9796/api/SP2DPotongan>

### API

API	Use	Key
SP2DPotongan	handle data in <b>TrxSP2D_Potongan</b> table	<ul style="list-style-type: none"> <li>Tahun</li> <li>Kd_Urusan</li> <li>Kd_Bidang</li> <li>Kd_Unit</li> <li>Kd_Sub</li> <li>No_SP2D</li> <li>Kd_Rek_1</li> <li>Kd_Rek_2</li> <li>Kd_Rek_3</li> <li>Kd_Rek_4</li> <li>Kd_Rek_5</li> </ul>

### METHOD

Method	Sample JSON	Description
POST	<pre>{   "Tahun": 2020,   "Kd Urusan": 100,   "Kd Bidang": 101,   "Kd Unit": 102,   "Kd_Sub": 103,   "No_SP2D": "No-SP2D-Tes-2",   "Kd Rek 1": 200,   "Kd Rek 2": 201,   "Kd Rek 3": 202,   "Kd_Rek_4": 203,   "Kd_Rek_5":204,   "No_SPM": "No SPM Tes",   "Jn_SPM": "JM",   "Nm Rekening": "NM Rek Tes",   "Nilai": 5000,   "Kd_Billing": "Kode Bill Tes",   "NTPN": "NTPM",   "TglTrx NTPN": "2020-09-17T06:09:17.692Z",   "TglBuku_NTPN": "2020-09-17T06:09:17.692Z" }</pre>	Insert /Add New record using JSON data
PUT	<pre>{   "Tahun": 2020,   "Kd Urusan": 104,   "Kd Bidang": 105,   "Kd_Unit": 106,   "Kd_Sub": 103,   "No_SP2D": "No-SP2D-Tes-2",   "Kd Rek 1": 200,   "Kd Rek 2": 201,   "Kd Rek 3": 202,   "Kd_Rek_4": 203,   "Kd_Rek_5":204,   "No_SPM": "No SPM Tes Update",   "Nm_Rekening": "NM Rek Tes Update" }</pre>	Update/Edit data [No_SPM], and [Nm_Rekening] in data <b>[Tahun]:2020,</b> <b>[Kd_Urusan]:104,</b> <b>[Kd_Bidang]:105,</b> <b>[Kd_Unit]:106,</b> <b>[Kd_Sub]:103,</b> <b>[No_SP2D]:No-SP2D-Tes-2,</b> <b>[Kd_Rek_1]:200,</b> <b>[Kd_Rek_2]:201,</b> <b>[Kd_Rek_3]:202,</b> <b>[Kd_Rek_4]:203,</b> <b>[Kd_Rek_5]:204</b>

DELETE	<pre>{   "TglTrx_NTPN": "2020-09-17 06:09:17.693" }</pre>	Delete data <b>[TglTrx_NTPN]:2020-09-17 06:09:17.693</b>
GET	<pre>{   "Tahun": 2019,   "Nm_Rekening": "23" }</pre>	List data for <b>[Tahun]:2019</b> and <b>[Nm_Rekening]:23</b>

#### HTTP GET FILTER

Parameter	Operator
Tahun	=
Kd_Urusan	=
Kd_Bidang	=
Kd_Unit	=
Kd_Sub	=
No_SP2D	LIKE
Kd_Rek_1	=
Kd_Rek_2	=
Kd_Rek_3	=
Kd_Rek_4	=
Kd_Rek_5	=
No_SPM	LIKE
Jn_SPM	LIKE
No_Rekening	LIKE
Nilai	=
Kd_Billing	LIKE
NTPN	LIKE
TglTrx_NTPN	= (Date Format: YYYY-MM-DD)
TglBuku_NTPN	= (Date Format: YYYY-MM-DD)

## SPJ

<http://10.10.66.120:9796/api/SPJ>

## API

API	Use	Key
SPJ	handle data in TrxSPJ table	<ul style="list-style-type: none"> <li>Tahun</li> <li>No_Bukti</li> <li>Jns_Dok</li> </ul>

## METHOD

Method	Sample JSON	Description
POST	<pre>{   "Tahun": 2020,   "No_Bukti": "005/Tes/2020",   "Jns_Dok": 100,   "Kd_Urusan": 1,   "Kd_Bidang": 2,   "Kd_Unit": 3,   "Kd_Sub": 4,   "Tgl_Bukti": "2020-09-17T09:06:55.386Z",   "Nm_Penerima": "Penerima tes",   "Bank_Penerima": "Bank tes",   "Rek_Penerima": "Rek tes",   "NPWP": "NPWP tes",   "Keterangan": "keterangan tes",   "Nm_Bank": "Bank tes",   "No_Rekening": "Rek tes",   "Nilai": 25000,   "DateCreate": "2020-09-17T09:06:55.386Z",   "Cair": 1,   "TglCair": "2020-09-17T09:06:55.386Z",   "Nm_Unit": "Unit tes",   "Nm_Sub_Unit": "Sub unit tes",   "Uraian": "Uraian tes" }</pre>	Insert /Add New record using JSON data
PUT	<pre>{   "Tahun": 2020,   "No_Bukti": "004/Tes/2020",   "Jns_Dok": 100,   "Nm_Penerima": "Penerima tes update",   "Bank_Penerima": "Bank tes update" }</pre>	Update/Edit data [Nm_Penerima], and [Bank_Penerima] in data [Tahun]:2020, [No_Bukti]:004/Tes/2020, [Jns_Dok]:100
DELETE	<pre>{   "No_Bukti": "004/Tes/2020" }</pre>	Delete data [No_Bukti]:004/Tes/2020
GET	<pre>{   "Tgl_Bukti": "2020-09-17" }</pre>	List data for [Tgl_Bukti]:2020-09-17

#### HTTP GET FILTER

Parameter	Operator
Tahun	=
No_Bukti	=
Jns_Dok	=
Kd_Urusan	=
Kd_Bidang	=
Kd_Unit	=
Kd_Sub	=
Tgl_Bukti	= (Date Format: YYYY-MM-DD)
Nm_Penerima	LIKE
Bank_Penerima	LIKE
Rek_Penerima	LIKE
NPWP	LIKE
Keterangan	LIKE
Nm_Bank	LIKE
No_Rekening	LIKE
Nilai	=
DateCreate	= (Date Format: YYYY-MM-DD)
Cair	=
TglCair	= (Date Format: YYYY-MM-DD)
Nm_Unit	LIKE
Nm_Sub_Unit	LIKE
Uraian	LIKE

## SPJ Potongan

<http://10.10.66.120:9796/api/SPJPotongan>

### API

API	Use	Key
SPJPotongan	handle data in TrxSPJ_Potongan table	<ul style="list-style-type: none"> <li>Tahun</li> <li>No_Bukti</li> <li>Jns_Dok</li> <li>Kd_Rek_1</li> <li>Kd_Rek_2</li> <li>Kd_Rek_3</li> <li>Kd_Rek_4</li> <li>Kd_Rek_5</li> </ul>

### METHOD

Method	Sample JSON	Description
POST	<pre>{   "Tahun": 2020,   "No_Bukti": "005/Tes/2020",   "Jns_Dok": 100,   "Kd_Rek_1": 1,   "Kd_Rek_2": 2,   "Kd_Rek_3": 3,   "Kd_Rek_4": 4,   "Kd_Rek_5": 5,   "Nm_Rekening": "Rek tes",   "Nilai": 75000,   "Kd_Billing": "Bill tes",   "NTPN": "NTPN tes",   "TglTrx_NTPN": "2020-09-17T09:06:55.480Z",   "TglBuku_NTPN": "2020-09-17T09:06:55.480Z" }</pre>	Insert /Add New record using JSON data
PUT	<pre>{   "Tahun": 2020,   "No_Bukti": "005/Tes/2020",   "Jns_Dok": 100,   "Kd_Rek_1": 6,   "Kd_Rek_2": 7,   "Kd_Rek_3": 8,   "Kd_Rek_4": 9,   "Kd_Rek_5": 10,   "Nm_Rekening": "Rek tes 2 update",   "Kd_Billing": "Bill tes 2 upd" }</pre>	Update/Edit data [Nm_Rekening]and [Kd_Billing] in data <b>[Tahun]:2020,</b> <b>[No_Bukti]:005/Tes/2020,</b> <b>[Jns_Dok]:105,</b> <b>[Kd_Rek_1]:6,</b> <b>[Kd_Rek_2]:7,</b> <b>[Kd_Rek_3]:8,</b> <b>[Kd_Rek_4]:9,</b> <b>[Kd_Rek_5]:10</b>
DELETE	<pre>{   "Nm_Rekening": "Rek tes 2 update" }</pre>	Delete data <b>[Nm_Rekening]:Rek tes 2 update</b>



GET	{ "TglTrx_NTPN": "2020-09-17" }	List data for <b>[TglTrx_NTPN]:2020-09-17</b>

#### HTTP GET FILTER

Parameter	Operator
Tahun	=
No_Bukti	=
Jns_Dok	=
Kd_Rek_1	=
Kd_Rek_2	=
Kd_Rek_3	=
Kd_Rek_4	=
Kd_Rek_5	=
Nm_Rekening	LIKE
Nilai	=
Kd_Billing	LIKE
NTPN	LIKE
TglTrx_NTPN	= (Date Format: YYYY-MM-DD)
TglBuku_NTPN	= (Date Format: YYYY-MM-DD)

## SPM

http://10.10.66.120:9796/api/SPM

### API

API	Use	Key
SPM	handle data in TrxSPM table	<ul style="list-style-type: none"> <li>Tahun</li> <li>No_SPM</li> </ul>

### METHOD

Method	Sample JSON	Description
POST	<pre>{   "Tahun": 2020,   "No_SPM": "SPM Test 1",   "Nm_Penerima": "NM Penerima",   "Bank_Penerima": "Bank Penerima",   "Rek_Penerima": "Rek Penerima",   "Status": 1,   "DateCreate": "2020-09-17T04:30:06.917Z",   "Uraian": "Uraian",   "Nm_Unit": "NM Unit",   "Nm_Sub_Unit": "NM Sub Unit" }</pre>	Insert /Add New record using JSON data
PUT	<pre>{   "Tahun": 2019,   "No_SPM": "M:258/LS/2.9.1.1/XII/2019",   "Nm_Penerima": "CV. Geo Pelangi (Tes)",   "Bank_Penerima": "BANKALTIMTARA (Tes" }</pre>	Update/Edit data [Nm_Penerima]and [Bank_Penerima] in data <b>[Tahun]:2019,</b> <b>[No_SPM]:M:258/LS/2.9.1.1/XII/2019</b>
DELETE	<pre>{   "Tahun": 2020,   "No_SPM": "SPM Test 2" }</pre>	Delete data <b>[Tahun]:2020</b> and <b>[No_SPM]:SPM Test 2</b>
GET	<pre>{ "Tahun": "2020" }</pre>	List data for <b>[Tahun]:2020</b>

### HTTP GET FILTER

Parameter	Operator
Tahun	=
No_SPM	LIKE
Nm_Penerima	LIKE
Bank_Penerima	LIKE
Rek_Penerima	LIKE
Status	=
DateCreate	= (Date Format: YYYY-MM-DD)
Uraian	=
Nm_Unit	LIKE
Nm_Sub_Unit	LIKE

