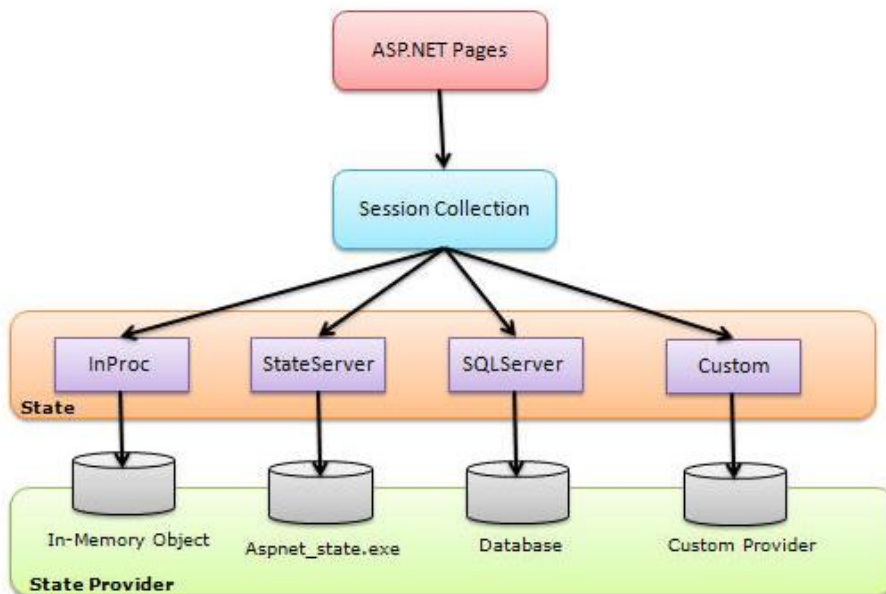


ASP.NET Sessions State

ASP.NET Session Mode

In ASP.NET there are 4 types of Session Mode.

Off: We can disable the session mode for the entire application using the off mode.

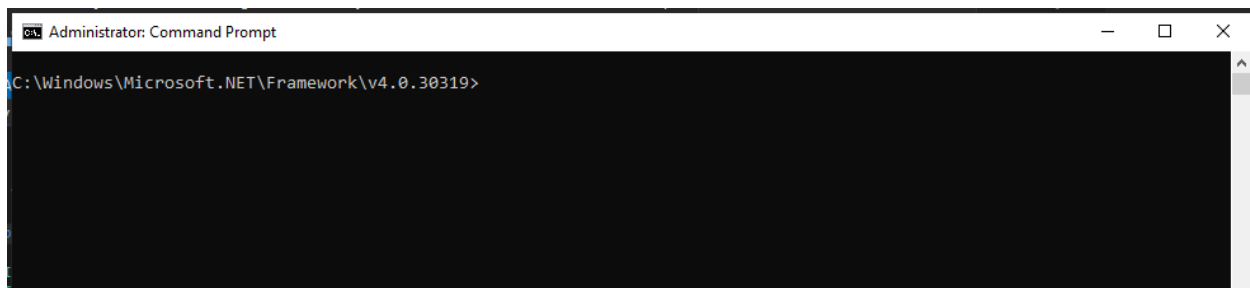


SQL Server Session State:

Now we are implementing session state in SQL Server-

1st- Open CMD Terminal

2nd- Paste in CMD Terminal - `cd C:\Windows\Microsoft.NET\Framework\v4.0.30319`



N.B: Go to Framework maximum version like- v4.0.30319, v2.0.50727

3rd- Write this command at cmd than hit enter-

Windows Authentication:

```
aspnet_regsql.exe -S YourServerNameHere -E -ssadd -sstype p
```

SQL Authentication:

```
aspnet_regsql -S YourServerNameHere -U UserName -P Password -ssadd -sstype p
```

Example(SQL Session Storage):

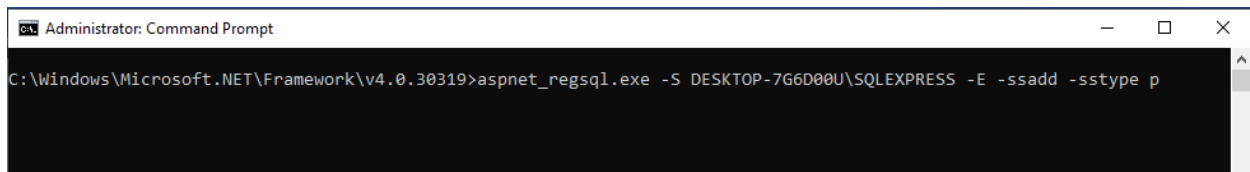
```
aspnet_regsql.exe -S DESKTOP-7G6D00U\SQLEXPRESS -E -ssadd -sstype p
```

```
aspnet_regsql -S DESKTOP-7G6D00U\SQLEXPRESS -U sa -P Aml@1234 -ssadd -sstype p
```

Example(Custom Session Storage):

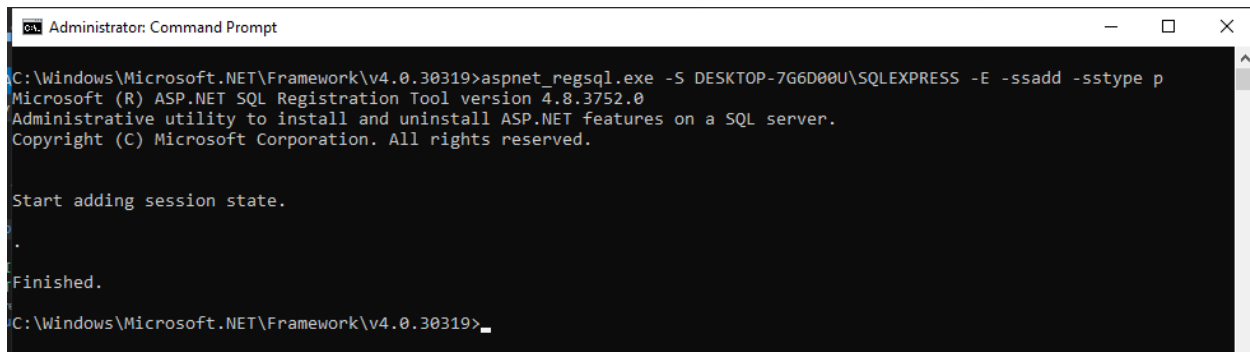
```
aspnet_regsql.exe -S DESKTOP-7G6D00U\SQLEXPRESS -E -ssadd -sstype c -d TestSessionDB
```

```
aspnet_regsql.exe -S DESKTOP-7G6D00U\SQLEXPRESS -U sa -P Aml@1234 -ssadd -sstype c -d  
TestSessionDB
```



```
Administrator: Command Prompt
C:\Windows\Microsoft.NET\Framework\v4.0.30319>aspnet_regsql.exe -S DESKTOP-7G6D00U\SQLEXPRESS -E -ssadd -sstype p
```

4th- Done

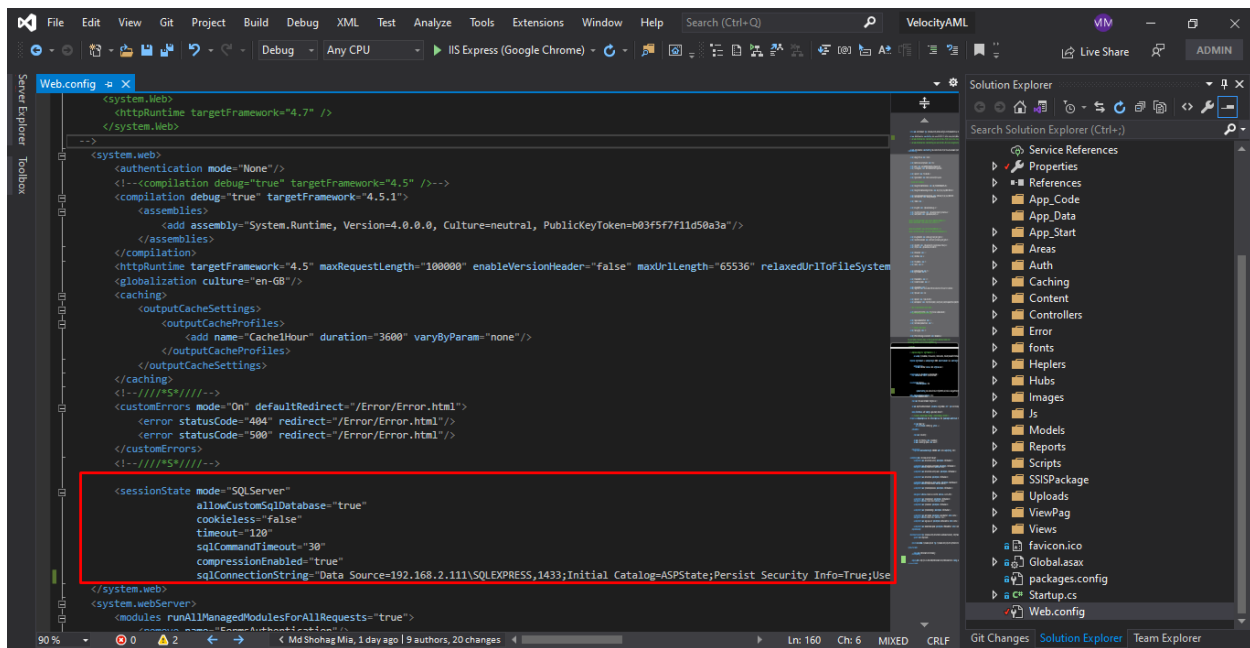


```
Administrator: Command Prompt
C:\Windows\Microsoft.NET\Framework\v4.0.30319>aspnet_regsql.exe -S DESKTOP-7G6D00U\SQLEXPRESS -E -ssadd -sstype p
Microsoft (R) ASP.NET SQL Registration Tool version 4.8.3752.0
Administrative utility to install and uninstall ASP.NET features on a SQL server.
Copyright (C) Microsoft Corporation. All rights reserved.

Start adding session state.
.
Finished.
C:\Windows\Microsoft.NET\Framework\v4.0.30319>
```

Finally add some xml code in Web.config

```
<sessionState mode="SQLServer"
    allowCustomSqlDatabase="true"
    cookieless="false"
    timeout="120"
    sqlCommandTimeout="30"
    compressionEnabled="true"
    connectionString="Data Source=192.168.2.111\SQLEXPRESS,1433;Initial
Catalog=ASPState;Persist Security Info=True;User ID=sa;Password=Aml@1234;"/>
```



Happy Coding