Cara Konek PHP dengan SQLServer

1. Cek php info

PHP Version 8.1.10

System	Windows NT DESKTOP-N2K7HS8 10.0 build 22631 (Windows 11) AMD64
Build Date	Aug 30 2022 18:02:43
Build System	Microsoft Windows Server 2019 Datacenter [10.0.17763]
Compiler	Visual C++ 2019
Architecture	x64
Configure Command	cscript /nologo /e:jscript configure.js "--enable-snapshot-build" "--enable-debug-pack" "--with-pdo-oci=..\..\..\instantclient\sdk,shared" "--with-oci8-19=..\..\..\instantclient\sdk,shared" "--enable-object-out-dir=../obj/" "--enable-com-dotnet=shared" "--without-analyzer" "--with-pgo"
Server API	Apache 2.0 Handler
Virtual Directory Support	enabled
Configuration File (php.ini) Path	*no value*
Loaded Configuration File	C:\laragon\bin\php\php-8.1.10-Win32-vs16-x64\php.ini
Scan this dir for additional .ini files	(none)
Additional .ini files parsed	(none)
PHP API	20210902
PHP Extension	20210902
Zend Extension	420210902
Zend Extension Build	API420210902,TS,VS16
PHP Extension Build	API20210902,TS,VS16
Debug Build	no
Thread Safety	enabled
Thread API	Windows Threads
Zend Signal Handling	disabled
Zend Memory Manager	enabled
Zend Multibyte Support	provided by mbstring
IPv6 Support	enabled

2. Dowload file dll https://learn.microsoft.com/en-us/sql/connect/php/download-drivers-php-sql-server?view=sql-server-ver15 dan cari versi sesuai php nya masing-masing
3. Kemudian copy paste 2 file seperti contoh di bawah ini

php_pdo_sqlsrv_81_nts_x64.dll	Application extension	103 KB	No	317 KB	68%	6/14/2022 10:07 PM
php_pdo_sqlsrv_81_nts_x86.dll	Application extension	92 KB	No	280 KB	68%	6/14/2022 10:07 PM
php_pdo_sqlsrv_81_ts_x64.dll	Application extension	104 KB	No	320 KB	68%	6/14/2022 10:07 PM
php_pdo_sqlsrv_81_ts_x86.dll	Application extension	92 KB	No	282 KB	68%	6/14/2022 10:07 PM
php_sqlsrv_74_nts_x64.dll	Application extension	111 KB	No	354 KB	69%	6/14/2022 10:07 PM
php_sqlsrv_74_nts_x86.dll	Application extension	93 KB	No	285 KB	68%	6/14/2022 10:07 PM
php_sqlsrv_74_ts_x64.dll	Application extension	112 KB	No	359 KB	69%	6/14/2022 10:07 PM
php_sqlsrv_74_ts_x86.dll	Application extension	93 KB	No	289 KB	68%	6/14/2022 10:07 PM
php_sqlsrv_80_nts_x64.dll	Application extension	107 KB	No	334 KB	69%	6/14/2022 10:07 PM
php_sqlsrv_80_nts_x86.dll	Application extension	94 KB	No	288 KB	68%	6/14/2022 10:07 PM
php_sqlsrv_80_ts_x64.dll	Application extension	108 KB	No	340 KB	69%	6/14/2022 10:07 PM
php_sqlsrv_80_ts_x86.dll	Application extension	95 KB	No	293 KB	68%	6/14/2022 10:07 PM
php_sqlsrv_81_nts_x64.dll	Application extension	107 KB	No	335 KB	69%	6/14/2022 10:07 PM
php_sqlsrv_81_nts_x86.dll	Application extension	94 KB	No	288 KB	68%	6/14/2022 10:07 PM
php_sqlsrv_81_ts_x64.dll	Application extension	109 KB	No	342 KB	69%	6/14/2022 10:07 PM
php_sqlsrv_81_ts_x86.dll	Application extension	95 KB	No	293 KB	68%	6/14/2022 10:07 PM
release.txt	Text Document	1 KB	No	4 KB	70%	6/14/2022 10:05 PM

Dan pindahkan ke folder C:\laragon\bin\php\php-8.1.10-Win32-vs16-x64\ext

4. Kemudian buka file php.ini dan tambahkan 2 baris seperti di bawah ini

```
944 extension=php_pdo_sqlsrv_81_ts_x64.dll
945 extension=php_sqlsrv_81_ts_x64.dll
```

Jika sudah simpan

5. Kemudian restart laragonnya, jika sudah buka kembali php infonya

pcre

PCRE (Perl Compatible Regular Expressions) Support	enabled
PCRE Library Version	10.39 2021-10-29
PCRE Unicode Version	14.0.0
PCRE JIT Support	enabled
PCRE JIT Target	x86 64bit (little endian + unaligned)

Directive	Local Value	Master Value
pcre.backtrack_limit	1000000	1000000
pcre.jit	1	1
pcre.recursion_limit	100000	100000

PDO

PDO support	enabled
PDO drivers	mysql, sqlsrv

pdo_mysql

PDO Driver for MySQL	enabled
Client API version	mysqlnd 8.1.10

pdo_sqlsrv

Pada PDO apakah sudah muncul “sqlsrv”, jika sudah menandakan sudah bisa konek dengan sql server

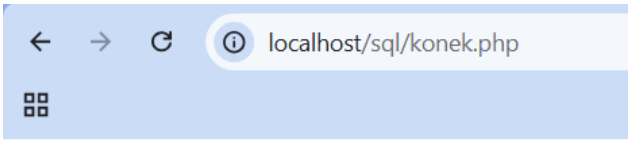
6. Langkah berikutnya adalah coding untuk konek dengan sql server

```php
<?php
$host     = "DESKTOP-N2K7HS8\SQLDEVELOPERS"; //nama server\nama_instance
$connInfo = array("Database" => "TSQL", "UID" => "", "PWD" => "");
$conn     = sqlsrv_connect($host, $connInfo);

if ($conn) {
    echo "Koneksi berhasil.<br />";
} else {
    echo "Koneksi Gagal";
          die(print_r(sqlsrv_errors(), true));
      }

```

7. Jika sudah langkah terakhir bisa dibuka filenya apakah sudah konek atau belum



Koneksi berhasil.