

## SQL Server - Retrieve Current Date Time with CURRENT\_TIMESTAMP, GETDATE(), {fn NOW()}

There are three ways to retrieve the current datetime in **SQL SERVER**.

*CURRENT\_TIMESTAMP, GETDATE(), {fn NOW()}*

### **CURRENT\_TIMESTAMP**

**CURRENT\_TIMESTAMP** is a nondeterministic [gs function]. Views and expressions that reference this column cannot be indexed. **CURRENT\_TIMESTAMP** can be used to print the current date and time every time that the report is produced.

### **GETDATE()**

**GETDATE** is a nondeterministic function. *Views* and *expressions* that reference this column cannot be indexed. **GETDATE** can be used to print the current date and time every time that the report is produced.

[tab:{fn Now()}]

### **{fn Now()}**

The **{fn Now()}** is an **ODBC** canonical [gs function] which can be used in **T-SQL** since the OLE DB provider for SQL Server supports them. **{fn Now()}** can be used to print the current date and time every time that the report is produced.

If you run following script in **Query Analyzer**. I will give you same results. If you see execution plan there is no performance difference. It is same for all the three select statement.

```
SELECT CURRENT_TIMESTAMP
GO
SELECT {fn NOW()}
GO
SELECT GETDATE()
GO
```

#### **Performance:**

There is absolutely no difference in using any of them.

As they are absolutely same.

#### **My Preference:**

I like **GETDATE()**.

Why? Why bother when they are same!!!