

# Oracle Provider Comparison

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Hello,

I'm creating a web app that needs to provide some simple, read-only access to an Oracle database using SELECT statements. What I am curious about is which provider (System.Data.OracleClient or ODP.NET) would be a better using in this instance. The Oracle database itself resides on a remote server hosted by our parent company across a WAN connection, so, there is a network efficiency concern.

The other problem I am having with respect to this app is that I am no able to get a paramaterized SqlDataSource to work with the ODP.NET provider. Trying to use the provider returns no results. Using the included .NET provider (with no modifications to the SqlDataSource) does not have any problems and returns the results as expected.

Example:

```
<asp:SqlDataSource ID="CustomersDS" runat="server"
ConnectionString="<%= $ ConnectionStrings:OracleConn %>"
ProviderName="<%= $ ConnectionStrings:OracleConn.ProviderName %>"
SelectCommand="SELECT CUSTOMER_NUMBER, CUSTOMER_NAME FROM
CUSTOMERS_V WHERE CUSTOMER_NUMBER LIKE :x AND CUSTOMER_NAME LIKE :y"
SelectCommandType="text">
<SelectParameters>
<asp:ControlParameter Name="x" ControlID="CustID"
PropertyName="Text" />
<asp:ControlParameter Name="y" ControlID="CustName"
PropertyName="Text" />
</SelectParameters>
</asp:SqlDataSource>
```

```
<asp:GridView ID="CustomersGrid" runat="server"
AutoGenerateColumns="false" DataSourceID="CustomersDS"
DataKeyNames="CUSTOMER_NUMBER"
OnRowCommand="CustomersGrid_RowCommand">
<Columns>
<asp:BoundField HeaderText="Customer ID"
DataField="CUSTOMER_NUMBER" ConvertEmptyStringToNull="false" />
```

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```
<asp:BoundField HeaderText="Name" DataField="CUSTOMER_NAME"  
ConvertEmptyStringToNull="false" />  
<asp:ButtonField ButtonType="Button" Text="Select"  
CommandName="SelectCustomer" />  
</Columns>  
</asp:GridView>
```

Your thoughts are greatly appreciated.

Thanks,

Evan

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