System Event Attributes

| Attribute Name | Data Type | Explanation |
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| ora\_client\_ip\_address | VARCHAR2 | If the protocol used to create a database session is TCP/IP, then a LOGON event trigger may reference this attribute to obtain the IP address. |
| ora\_database\_name | VARCHAR2(50) | Internal database name assigned during database creation. |
| ora\_des\_encrypted\_password | VARCHAR2 | The encrypted password used for the event. |
| ora\_dict\_obj\_name | VARCHAR2(30) | Name of the object involved in the DDL operation |
| ora\_dict\_obj\_owner | VARCHAR2(30) | Schema name of the owner of the object involved in the DDL operation. Bear in mind that with certain system privileges one may perform DDL operations upon an object owned by another schema. |
| ora\_dict\_obj\_type | VARCHAR2(20) | Object type involved in the DDL operation, such as ‘TABLE’, ‘VIEW’, ‘PROCEDURE’, and so on. |
| ora\_instance\_num | NUMBER | Instance number. Useful when operation within an Oracle Real Application Server (RAC) multi-instance configuration |
| ora\_is\_alter\_column (‘ColumnName’) | BOOLEAN | Indicates whether or not the current DDL event involves altering the specified column. |
| ora\_is\_creating\_nested\_table | BOOLEAN | Indicates whether or not the current DDL event involves the creation of a nested table. |
| ora\_is\_drop\_column (‘ColumnName’) | BOOLEAN | Indicates whether or not the current DDL event involves dropping the specified column. |
| ora\_is\_servererror (ErrorNumber) | BOOLEAN | A TRUE or FALSE value indicating whether or not the database error number ErrorNumber is currently in the error stack. |
| ora\_login\_user | VARCHAR2(30) | User name supplied to create the current database session. |
| ora\_server\_error  (StackPosition) | NUMBER | This is the database error number within the error stack position stated by StackPosition.  For example, a value of 1 would indicate the first error within the stack, which is the initial database error which caused the current error condition to occur. |
| ora\_server\_error\_depth | NUMBER | The total number of messages currently on the error stack. |
| ora\_server\_error\_msg (StackPosition) | VARCHAR2 | The database error message within the error stack position stated by StackPosition. |
| ora\_sql\_txt  (MessageText) | BINARY\_INTEGER | This provides the text of the triggering SQL statement. The details of accessing this attribute are a bit complex. |
| ora\_sysevent | VARCHAR2(20) | The system event which initiated the trigger, such as ‘LOGOFF’, ‘LOGON’, ‘STARTUP’, etc. |