

Nagios XI - SQL Error [nagiosxi] : ERROR: syntax error

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Problem Description

This KB article explains how to resolve an error similar to the following that appears in the Nagios XI GUI:

```
SQL Error [nagiosxi] : ERROR: syntax error at or near "localhost"
LINE 1: ...ios XI','nagiosadmin',4,'User reconfigured host \'localhost\...
```

The postgresql log file in `/var/lib/pgsql/data/pg_log/` will have more detailed information:

```
ERROR: syntax error at or near "localhost" at character 166
STATEMENT: INSERT INTO xi_auditlog (log_time,source,"user",type,message,ip_address,details) VALUES ('2017-09-06 14:15:29','Nagios XI','
(
  [host_name] => localhost
  [use] => linux-server
  [alias] => localhost
  [address] => 127.0.0.1
  [first_notification_delay] => 0
  [notifications_enabled] => 1
  [register] => 1
  [contacts] => nagiosadmin
)
')
```

This error occurs on the Host or Service **Status Detail** page > **Configure** tab, when you are using the re-configure a host or service option.

The problem only occurs with older installations of Nagios XI that historically used PostgreSQL for the `nagiosxi` database. Fresh installations of Nagios XI since 5.x do not experience this problem.

The problem only occurs with PostgreSQL 9.1 or greater.

Resolution

A simple change to the `postgresql.conf` file will resolve this problem.

Establish a terminal session to your Nagios XI server as root and edit the `postgresql.conf` file with this command:

```
vi /var/lib/pgsql/data/postgresql.conf
```

When using the `vi` editor, to make changes press `i` on the keyboard first to enter insert mode. Press `Esc` to exit insert mode.

Locate the following line:

```
#standard_conforming_strings =
```

Tip: typing `/conform` and pressing `Enter` in `vi` should take you directly to this section in the file.

Remove the `#` from the beginning of the line and set it to `off`:

```
standard_conforming_strings = off
```

When you have finished, save the changes in `vi` by typing:

```
:wq
```

and press `Enter`.

You need to restart the `postgresql` service using one of the commands below:

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RHEL 7/8 | CentOS 7/8 | Oracle Linux 7 /8 | Debian | Ubuntu 16/18/20

```
systemctl restart postgresql.service
```

This completes the changes required for resolving the problem described above.

Further Information

The following documentation explains in detail the `standard_conforming_strings` option:

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<https://www.postgresql.org/docs/9.1/static/release-9-1.html>

Final Thoughts

For any support related questions please visit the [Nagios Support Forums](#) at:

<http://support.nagios.com/forum/>

Posted by: **tlea** - Sun, Sep 10, 2017 at 9:00 PM. This article has been viewed 3433 times.

Online URL: <https://support.nagios.com/kb/article/nagios-xi-sql-error-nagiosxi-error-syntax-error-754.html>