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# **PostgreSQL 9.x STIG REVISION HISTORY**

**Version 1, Release 2**

**26 January 2018**

**Developed by Crunchy Data Solutions, Pivotal Software,  
and DISA for the DoD**

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REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V1R2	- PostgreSQL 9.x Overview	- Release number and date updated.	26 January 2018
V1R2	- PostgreSQL 9.x STIG	<p>- V-72853, V-72859, V-72863, V-72923, V-72925, V-72929, V-72931, V-72933, V-72939, V-72947, V-72949, V-72957, V-72959, V-72961, V-72963, V-72965, V-72973, V-72981, V-72985, V-72987, V-72991, V-73015, V-73023, V-73025, V-73033, V-73037, V-73045, V-73047, V-73065, V-73069 - Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-72995 - Added not-a-finding statement to Check.</p> <p>- V-73071 - Corrected product name in Check.</p> <p>- V-72841 - Removed directive sudo su - postgres before postgres service restart (compare to V-72843); Changed \$ systemctl restart postgresql-9.5 TO \$ sudo systemctl restart postgresql-9.5; Changed \$ service postgresql-9.5 restart TO \$ sudo service postgresql-9.5 restart; Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-72843 - Changed postgres restart to reload; Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-72847 - Corrected missing apostrophe.</p> <p>- V-72851 - Removed directive sudo su - postgres before postgres service reload (compare to V-72843); Changed \$ systemctl restart postgresql-9.5 TO \$ sudo systemctl restart postgresql-9.5; Changed \$ service postgresql-9.5 restart TO \$ sudo service postgresql-9.5 restart; Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-72885 - Corrected missing apostrophe.</p> <p>- V-72887 - Changed postgres restart to reload.</p>	26 January 2018

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		<p>Replaced all occurrences of 9.5 with \${PGVER?}.</p> <ul style="list-style-type: none"> <li>- V-72889 - Changed \$ grep "client_min_messages" \${PGDATA?}/postgresql.conf To single line \$ grep "client_min_messages" \${PGDATA?}/postgresql.conf</li> </ul> <p>Corrected missing apostrophe.</p> <ul style="list-style-type: none"> <li>- V-72897 - Added missing closing " to \$ psql -c "CREATE SCHEMA test AUTHORIZATION bob.</li> <li>- V-72901 - Changed "of the PostgreSQL " to "of the PostgreSQL software library".</li> <li>- V-72905 - Removed trailing semi-colon in OR NOT proconfig IS NULL;" and SECURITY INVOKER;"</li> <li>- V-72907 - Reconciled syntax CREAT in command with CRT in log lines;</li> </ul> <p>Replaced all occurrences of 9.5 with \${PGVER?}.</p> <ul style="list-style-type: none"> <li>- V-72909 - Changed \$ vi 'log_destination' \${PGDATA?}/postgresql.conf to \$ vi \${PGDATA?}/postgresql.conf.</li> </ul> <p>Replaced all occurrences of 9.5 with \${PGVER?}.</p> <ul style="list-style-type: none"> <li>- V-72915 - Corrected missing apostrophes;</li> </ul> <p>Replaced all occurrences of 9.5 with \${PGVER?}.</p> <ul style="list-style-type: none"> <li>- V-72919 - Remove `pgaudit` tick marks;</li> </ul> <p>Replaced all occurrences of 9.5 with \${PGVER?}.</p> <ul style="list-style-type: none"> <li>- V-72945 - Added trailing semi-colon to ALTER ROLE joe NOLOGIN as in ALTER ROLE joe NOLOGIN;</li> </ul> <p>Changed log line output from drop role/DROP ROLE to alter role/ALTER ROLE to match SQL command.</p> <ul style="list-style-type: none"> <li>- V-72953 - Fixed spacing and replaced semi-colons with commas or periods in: TRUNCATE TABLE;DELETE, or DELETE affecting more than n rows, for</li> </ul>	

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		<p>some n, or DELETE without a WHERE clause;</p> <p>UPDATE or UPDATE affecting more than n rows, for some n, or UPDATE without a WHERE clause;</p> <p>Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-72955 - Removed `pgaudit` tick marks;</p> <p>Removed dollar sign from \$9.5 in \$ sudo systemctl reload postgresql-\$9.5;</p> <p>Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-72971 - Removed `pgaudit` 3x, `role`, `read`, `write`, and `ddl`, `on` tick marks;</p> <p>Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-72975 - Added trailing semi-colon to \$ psql -c "SET ROLE bob; REVOKE ALL PRIVILEGES ON test FROM bob".</p> <p>- V-72977 - Added trailing semi-colon to \$ psql -c "CREATE ROLE bob; CREATE TABLE test(id INT)".</p> <p>- V-72979 - Changed \$ grep hostssl \${PGDATA?}/postgresql.conf to \$ grep hostssl \${PGDATA?}/pg_hba.conf;</p> <p>Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-73001 - Changed \$ psql -c "SHOW logging_destination" to \$ psql -c "SHOW log_destination".</p> <p>- V-73005 - Removed quotes around "log_hostname";</p> <p>Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-73007 - Changed PostgreSQLs to PostgreSQL;</p> <p>Changed \$ psql -c "select * from pg_extension where extname != 'plpgsql';" TO \$ psql -c "select * from pg_extension where extname != 'plpgsql'".</p> <p>- V-73011 - Changed PostgreSQLs to PostgreSQL.</p>	

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		<p>- V-73017 - Changed \$ psql -c "REVOKE ALL PRIVILEGES ON &lt;table&gt; FROM &lt;role_name&gt;"; TO \$ psql -c "REVOKE ALL PRIVILEGES ON &lt;table&gt; FROM &lt;role_name&gt;"</p> <p>- V-73019 - Removed single quote in Next, review the current shared_preload_libraries'; Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-73021 - Removed trailing semi-colon from: pgaudit.log = 'write, ddl, role, read, function'; pgaudit.log_relation = on; Removed function from pgaudit.log = 'write, ddl, role, read, function' OR add to If pgaudit.log does not contain ddl, role, read, write, this is a finding. (reconcile); Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-73029 - Changed \$ sudo systemctl restartpostgresql-9.5 TO \$ sudo systemctl restart postgresql-9.5; Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-73039 - Removed trailing period after \$ sudo chown -R root:root /usr/pgsql-9.5/share/contrib/pgaudit; Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-73041 - Added closing ) to As the database administrator (usually postgres, run the following SQL; Replaced all occurrences of 9.5 with \${PGVER?}.</p> <p>- V-73043 - Fixed \$ sudo chown -R root:root /usr/pgsql-9.5/share/contrib/pgaudit MATCH the check for /usr/pgsql-9.5/bin share include ? Replaced all occurrences of 9.5 with \${PGVER?}.</p>	

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		<ul style="list-style-type: none"><li>- V-73051 - Changed WHERE username to username in SELECT pg_terminate_backend(pid) FROM pg_stat_activity WHERE username='&lt;username&gt;';</li><li>- V-73057 - Changed PostgreSQLs to PostgreSQL.</li><li>- V-73059 - Changed PostgreSQLs to PostgreSQL.</li><li>- V-73067 - Corrected incomplete finding statement. Replaced all occurrences of 9.5 with \${PGVER?}.</li><li>- V-73071 - Replaced Postgres Plus Advanced Server with PostgreSQL.</li></ul>	