

31. GIẢI PHÁP-TESTING - Task #1037

Task # 1004 (Closed): Setup plugin netbox-secrets

Update netbox version 3.4.2 lên ver mới nhất

05-08-2024 09:48 - Minh Pham

Trạng thái:	Closed	Bắt đầu:	11-08-2024
Mức ưu tiên:	Normal	Hết hạn:	18-08-2024
Phân công cho:	Minh Pham	Tiến độ:	0%
Chủ đề:		Thời gian ước lượng:	0:00 giờ
Phiên bản:		Thời gian:	0:00 giờ

Mô tả

Mục tiêu : Update netbox lên version mới nhất để cài đặt plugin secrets

Kết quả thực hiện:

Check version database

```
root@netbox2:~# sudo -u postgres psql
could not change directory to "/root": Permission denied
psql (12.18 (Ubuntu 12.18-0ubuntu0.20.04.1))
Type "help" for help.
```

Check version redis

```
root@netbox2:~# redis-server --version
Redis server v=5.0.7 sha=00000000:0 malloc=jemalloc-5.2.1 bits=64 build=66bd629f924ac924
```

Check version python

```
root@netbox2:~# sudo update-alternatives --config python3
There are 2 choices for the alternative python3 (providing /usr/bin/python3).

  Selection   Path                        Priority   Status
  -----
* 0           /usr/bin/python3.8         2         auto mode
  1           /usr/bin/python3.10        1         manual mode
  2           /usr/bin/python3.8         2         manual mode

Press <enter> to keep the current choice[*], or type selection number: 1
update-alternatives: using /usr/bin/python3.10 to provide /usr/bin/python3 (python3) in manual mode
```

Bị lỗi update từ ver 3.4.2 lên ver 4.0.8

```

ModuleNotFoundError: No module named 'netbox_secrets'

During handling of the above exception, another exception occurred:

Traceback (most recent call last):
  File "netbox/manage.py", line 10, in <module>
    execute_from_command_line(sys.argv)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/core/management/__init__.py", line 419, in execute_from_command_line
    utility.execute()
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/core/management/__init__.py", line 413, in execute
    self.fetch_command(subcommand).run_from_argv(self.argv)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/core/management/base.py", line 354, in run_from_argv
    self.execute(*args, **cmd_options)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/core/management/base.py", line 398, in execute
    output = self.handle(*args, **options)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/core/management/base.py", line 86, in wrapped
    saved_locale = translation.get_language()
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/utils/translation/__init__.py", line 254, in get_language
    return _trans.get_language()
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/utils/translation/__init__.py", line 57, in __getattr__
    if settings.USE_I18N:
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/conf/__init__.py", line 82, in __getattr__
    self._setup(name)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/conf/__init__.py", line 69, in _setup
    self._wrapped = Settings(settings_module)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/conf/__init__.py", line 170, in __init__
    mod = importlib.import_module(self.SETTINGS_MODULE)
  File "/usr/lib/python3.8/importlib/__init__.py", line 127, in import_module
    return _bootstrap.gcd_import(name[level:], package, level)
  File "<frozen importlib._bootstrap>", line 1014, in gcd_import
  File "<frozen importlib._bootstrap>", line 991, in _find_and_load
  File "<frozen importlib._bootstrap>", line 975, in _find_and_load_unlocked
  File "<frozen importlib._bootstrap>", line 671, in _load_unlocked
  File "<frozen importlib._bootstrap_external>", line 848, in exec_module
  File "<frozen importlib._bootstrap>", line 219, in _call_with_frames_removed
  File "/opt/netbox/netbox/netbox/settings.py", line 598, in <module>
    raise ImproperlyConfigured(
django.core.exceptions.ImproperlyConfigured: Unable to import plugin netbox_secrets: Module not found. Check that the plugin module has been installed within the correct Python environment.

```

Bị lỗi update từ ver 3.4.2 lên ver 3.7

```

Using cached mdurl-0.1.2-py3-none-any.whl (10.0 kB)
Using cached pycparser-2.22-py3-none-any.whl (117 kB)
Building wheels for collected packages: psycopg-c
  Building wheel for psycopg-c (pyproject.toml) ... error
  error: subprocess-exited-with-error

  × Building wheel for psycopg-c (pyproject.toml) did not run successfully.
  | exit code: 1
  | → [29 lines of output]
  |   running bdist_wheel
  |   running build
  |   running build_py
  |   creating build
  |   creating build/lib.linux-x86_64-cpython-310
  |   creating build/lib.linux-x86_64-cpython-310/psycopg_c
  |   copying psycopg_c/version.py -> build/lib.linux-x86_64-cpython-310/psycopg_c
  |   copying psycopg_c/__init__.py -> build/lib.linux-x86_64-cpython-310/psycopg_c
  |   copying psycopg_c/psycopg.pyi -> build/lib.linux-x86_64-cpython-310/psycopg_c
  |   copying psycopg_c/py.typed -> build/lib.linux-x86_64-cpython-310/psycopg_c
  |   copying psycopg_c/pg.pxd -> build/lib.linux-x86_64-cpython-310/psycopg_c
  |   creating build/lib.linux-x86_64-cpython-310/psycopg_c/_psycopg
  |   copying psycopg_c/_psycopg/oids.pxd -> build/lib.linux-x86_64-cpython-310/psycopg
  |_c/_psycopg
  |   copying psycopg_c/_psycopg/endian.pxd -> build/lib.linux-x86_64-cpython-310/psycopg
  |_c/_psycopg
  |   copying psycopg_c/_psycopg/__init__.pxd -> build/lib.linux-x86_64-cpython-310/psycopg
  |_c/_psycopg
  |   creating build/lib.linux-x86_64-cpython-310/psycopg_c/pg
  |   copying psycopg_c/pg/libpq.pxd -> build/lib.linux-x86_64-cpython-310/psycopg_c/pg
  |   copying psycopg_c/pg/__init__.pxd -> build/lib.linux-x86_64-cpython-310/psycopg_c
  |_c/pg
  |   running build_ext
  |   building 'psycopg_c._psycopg' extension
  |   creating build/temp.linux-x86_64-cpython-310
  |   creating build/temp.linux-x86_64-cpython-310/psycopg_c
  |   creating build/temp.linux-x86_64-cpython-310/psycopg_c/types
  |   x86_64-linux-gnu-gcc -pthread -Wno-unused-result -Wsign-compare -DNDEBUG -g -fwrapv -O2 -Wall -g -fstack-protector-strong -Wformat -Werror=format-security -g -fwrapv -O2 -fPIC -I/usr/include/postgresql -I/opt/netbox/venv/include -I/usr/include/python3.10 -c psycopg_c/_psycopg.c -o build/temp.linux-x86_64-cpython-310/psycopg_c/_psycopg.o
  |   psycopg_c/_psycopg.c:42:10: fatal error: Python.h: No such file or directory
  |       42 | #include "Python.h"
  |          |         ^~~~~~
  |   compilation terminated.
  |   error: command '/usr/bin/x86_64-linux-gnu-gcc' failed with exit code 1
  |   [end of output]

  note: This error originates from a subprocess, and is likely not a problem with pip.
  ERROR: Failed building wheel for psycopg-c
Failed to build psycopg-c
ERROR: ERROR: Failed to build installable wheels for some pyproject.toml based projects
(psycopg-c)
root@netbox2:/opt/netbox# █

```

Update netbox lên ver mới

The screenshot shows the NetBox web interface. On the left is a dark sidebar with navigation menus for Organization, Devices, Connections, Wireless, IPAM, VPN, Virtualization, Circuits, Power, Provisioning, Customization, Operations, Topology Views, Plugins, and Admin. The main content area has a search bar and a user profile for 'administrator Admin'. Below the search bar are two summary cards: 'Virtualization' showing 6 Clusters and 22 Virtual Machines, and another card showing counts for Sites (7), Racks (17), Device Types (18), Devices (64), and Cables (10). A 'Change Log' table is displayed with columns for ID, TIME, USERNAME, FULL NAME, ACTION, TYPE, OBJECT, and REQUEST ID. The table lists several recent actions performed by the administrator, including creating and updating various network objects like Coordinate Groups, Cables, Devices, and Interfaces. At the bottom right, the date and time are shown as '2024-08-16 01:51:03 UTC' and the version as 'netbox2 (v4.0.9)'.

ID	TIME	USERNAME	FULL NAME	ACTION	TYPE	OBJECT	REQUEST ID
1631	2024-08-15 09:00	administrator	—	Created	Coordinate Group	default	1dee441e-267d-45bb-a395-503ee24b96
1630	2023-04-11 07:40	administrator	—	Created	Cable	#13	178826f1-a766-410d-a116-df2482da02b
1629	2023-04-11 07:37	administrator	—	Updated	Device	Server 02	7d5a1a22-07eb-434c-8ad3-603c54808c
1628	2023-04-11 07:35	administrator	—	Created	Interface	Port1	fe2a14bb-a965-4b43-9f07-9194f906b2c
1627	2023-04-11 07:34	administrator	—	Updated	Device	Switch 2960	800f2697-2054-4ee9-a532-9deb1d21b4
1626	2023-04-11 07:34	administrator	—	Created	Device	Switch 2960	5afd902b-3c60-4dba-8f80-69ce19b865
1625	2023-04-11 07:24	administrator	—	Updated	Device	Server 02	76bc85e9-bab9-484a-8018-8296632b9

Lược sử

#1 - 05-08-2024 09:49 - Minh Pham

- Mô tả cập nhật

#2 - 12-08-2024 08:54 - Minh Pham

- Tập tin clipboard-202408120853-0ahh1.png được thêm

- Tập tin clipboard-202408120854-6jpnu.png được thêm

- Mô tả cập nhật

- Hết hạn thay đổi từ 11-08-2024 tới 18-08-2024

- Bắt đầu thay đổi từ 05-08-2024 tới 11-08-2024

#3 - 12-08-2024 09:24 - Minh Pham

- Tập tin clipboard-202408120924-waquk.png được thêm

- Tập tin clipboard-202408120924-5jghr.png được thêm

- Tập tin clipboard-202408120924-4gs6f.png được thêm

- Mô tả cập nhật

#4 - 16-08-2024 08:52 - Minh Pham

- Tập tin clipboard-202408160851-4qs01.png được thêm

- Mô tả cập nhật

#5 - 16-08-2024 08:52 - Minh Pham

- Mô tả cập nhật

#6 - 19-08-2024 09:00 - Minh Pham

- Trạng thái thay đổi từ In Progress tới Closed

Tập tin

clipboard-202408120853-0ahh1.png	68 KB	12-08-2024	Minh Pham
clipboard-202408120854-6jpnu.png	64,2 KB	12-08-2024	Minh Pham
clipboard-202408120924-waouk.png	5,49 KB	12-08-2024	Minh Pham
clipboard-202408120924-5jghr.png	3,76 KB	12-08-2024	Minh Pham
clipboard-202408120924-4gs6f.png	14,5 KB	12-08-2024	Minh Pham
clipboard-202408160851-4qs01.png	169 KB	16-08-2024	Minh Pham