

31. GIẢI PHÁP-TESTING - Task #1004

Setup plugin netbox-secrets

29-07-2024 09:52 - Minh Pham

Trạng thái:	Closed	Bắt đầu:	11-08-2024
Mức ưu tiên:	Normal	Hết hạn:	15-09-2024
Phân công cho:	Minh Pham	Tiến độ:	100%
Chủ đề:		Thời gian ước lượng:	0:00 giờ
Phiên bản:		Thời gian:	0:00 giờ

Mô tả

- Mục tiêu : Setup plugin netbox-secrets để lưu trữ password
- Kết quả thực hiện :

Với ver netbox đang sử dụng (3.4.2) thì cài thêm plugin vào netbox bị lỗi như hình dưới

```
ModuleNotFoundError: No module named 'netbox.plugins'

During handling of the above exception, another exception occurred:

Traceback (most recent call last):
  File "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 446, in execute_from_command_line
    utility.execute()
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/core/management/__init__.py", line 440, 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 415, in run_from_argv
    connections.close_all()
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/utils/connection.py", line 84, in close_all
    for conn in self.all(initialized_only=True):
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/utils/connection.py", line 76, in all
    return [
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/utils/connection.py", line 73, in __iter__
    return iter(self.settings)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/utils/functional.py", line 57, in __get__
    res = instance.__dict__[self.name] = self.func(instance)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/utils/connection.py", line 45, in settings
    self._settings = self.configure_settings(self._settings)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/db/utils.py", line 148, in configure_settings
    databases = super().configure_settings(databases)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/utils/connection.py", line 50, in configure_settings
    settings = getattr(django_settings, self.settings_name)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/conf/__init__.py", line 92, in __getattr__
    self._setup(name)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/conf/__init__.py", line 79, in _setup
    self._wrapped = Settings(settings_module)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/conf/__init__.py", line 190, 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 684, in <module>
    raise e
  File "/opt/netbox/netbox/netbox/settings.py", line 677, in <module>
    plugin = importlib.import_module(plugin_name)
  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/venv/lib/python3.8/site-packages/netbox_secrets/__init__.py", line 5, in <module>
    from netbox.plugins import PluginConfig
ModuleNotFoundError: No module named 'netbox.plugins'
(venv) root@netbox2:/opt/netbox/netbox#
```

```
(venv) root@netbox2:/opt/netbox/netbox# python manage.py migrate
Traceback (most recent call last):
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/core/management/base.py", line 402, in run_from_argv
    self.execute(*args, **cmd_options)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/core/management/base.py", line 448, in execute
    output = self.handle(*args, **options)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/core/management/base.py", line 93, in wrapped
    saved_locale = translation.get_language()
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/utils/translation/__init__.py", line 210, in get_language
    return _trans.get_language()
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/utils/translation/__init__.py", line 65, in __getattr__
    if settings.USE_I18N:
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/conf/__init__.py", line 92, in __getattr__
    self.setup(name)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/conf/__init__.py", line 79, in setup
    self.wrapped = Settings(settings_module)
  File "/opt/netbox/venv/lib/python3.8/site-packages/django/conf/__init__.py", line 190, 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 684, in <module>
    raise e
  File "/opt/netbox/netbox/netbox/settings.py", line 677, in <module>
    plugin = importlib.import_module(plugin_name)
  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/venv/lib/python3.8/site-packages/netbox_secrets/__init__.py", line 5, in <module>
    from netbox.plugins import PluginConfig
ModuleNotFoundError: No module named 'netbox.plugins'

During handling of the above exception, another exception occurred:
```

```
LOGIN_PERSISTENCE = False

# Setting this to True will permit only authenticated users to access any part of NetBox. By default, anonymous users
# are permitted to access most data in NetBox but not make any changes.
LOGIN_REQUIRED = False

# The length of time (in seconds) for which a user will remain logged into the web UI before being prompted to
# re-authenticate. (Default: 1209600 [14 days])
LOGIN_TIMEOUT = None

# The view name or URL to which users are redirected after logging out.
LOGOUT_REDIRECT_URL = 'home'

# The file path where uploaded media such as image attachments are stored. A trailing slash is not needed. Note that
# the default value of this setting is derived from the installed location.
# MEDIA_ROOT = '/opt/netbox/netbox/media'

# By default uploaded media is stored on the local filesystem. Using Django-storages is also supported. Provide the
# class path of the storage driver in STORAGE_BACKEND and any configuration options in STORAGE_CONFIG. For example:
# STORAGE_BACKEND = 'storages.backends.s3boto3.S3Boto3Storage'
# STORAGE_CONFIG = {
#     'AWS_ACCESS_KEY_ID': 'Key ID',
#     'AWS_SECRET_ACCESS_KEY': 'Secret',
#     'AWS_STORAGE_BUCKET_NAME': 'netbox',
#     'AWS_S3_REGION_NAME': 'eu-west-1',
# }

# Expose Prometheus monitoring metrics at the HTTP endpoint '/metrics'
METRICS_ENABLED = False

# Enable installed plugins. Add the name of each plugin to the list.
PLUGINS = ["netbox_secrets"]
# PLUGINS_CONFIG = {
#     'netbox_topology_views': {
#         'preselected_device_roles': ['Router', 'Firewall'],
#         'enable_circuit_terminations': True
#     }
# }
# Plugins configuration settings. These settings are used by various plugins that the user may have installed.
# Each key in the dictionary is the name of an installed plugin and its value is a dictionary of settings.
# PLUGINS_CONFIG = {
#     'my_plugin': {
#         'foo': 'bar',
#         'buzz': 'bazz'
#     }
# }

# Remote authentication support
REMOTE_AUTH_ENABLED = False
REMOTE_AUTH_BACKEND = 'netbox.authentication.RemoteUserBackend'
REMOTE_AUTH_HEADER = 'HTTP_REMOTE_USER'
REMOTE_AUTH_AUTO_CREATE_USER = True
REMOTE_AUTH_DEFAULT_GROUPS = []
```

Đang tìm cách fix

Đã setup lên server netbox ver 4.0.8

Thông tin đăng nhập :

<http://192.168.70.241:8000/>

User: admin

Pass: admin

192.168.70.241:8000

netbox

Search...

admin Admin

- Organization
- Devices
- Connections
- Wireless
- IPAM
- VPN
- Virtualization
- Circuits
- Power
- Provisioning
- Customization
- Operations
- Topology Views
- Plugins
- Admin

Bookmarks x

No bookmarks have been added yet.

Organization x

Sites	1
Tenants	0
Contacts	0

IPAM x

VRFs	0
Aggregates	0
Prefixes	0
IP Ranges	0
IP Addresses	0
VLANs	0

Circuits x

Providers	0
Circuits	0
Provider Networks	0
Provider Accounts	0

DCIM x

Sites	1
Racks	1
Device Types	1
Devices	1
Cables	0

Welcome! x

This is your personal dashboard. Feel free to customize it by rearranging, resizing, or removing widgets. You can also add new widgets using the "add widget" button below. Any changes affect only your dashboard, so feel free to experiment!

NetBox News x

Technology Showcase: Deploying Multi-node Clusters with NetBox Enterprise
Organizations depend upon NetBox to manage and automate infrastructure and networks of every size and shape you can imagine, from small branch networks to massive global telecommunications infrastructure, and everything in between. When NetBox is used as part of a modern network automation stack, the volume of requests to NetBox's APIs and the amount of...

Expanding and Sustaining our Investments in NetBox: How We're Approaching Licensing for Some NetBox Add-ons
From the outset, our mission at NetBox Labs has been to make it easier to build and manage complex networks. We have invested heavily in line with that mission in both the NetBox Community edition and -- for those who need enterprise-grade features, cloud managed instances and expert commercial support -- in commercial offerings such...

Virtualization x

Clusters	1
Virtual Machines	1

Change Log x

ID	TIME	USERNAME	FULL NAME	ACTION	TYPE	OBJECT	REQUEST ID
----	------	----------	-----------	--------	------	--------	------------

Cài đặt plugin netbox secret

192.168.70.241:8000/plugins/secrets/secret-roles/

netbox

Search...

admin Admin

Secret Roles + Add + Import + Export

Results 2 Filters

Quick search Configure Table

ID	NAME	SECRETS	DESCRIPTION
2	admin	1	—
1	demo	1	—

Showing 1-2 of 2 Per Page

Edit Selected Delete Selected

NETBOX-SECRETS

User Keys

Secret Roles + -

Secrets

Admin

2024-07-31 10:53:36 UTC · netbox (v4.0.7)

```

root@netbox:~# cd /opt/netbox
root@netbox:/opt/netbox# source /opt/netbox/venv/bin/activate
(venv) root@netbox:/opt/netbox# python3 netbox/manage.py migrate
/opt/netbox-4.0.7/venv/lib/python3.10/site-packages/django/db/backends/utils.py:98: RuntimeWarning:
Accessing the database during app initialization is discouraged. To fix this warning, avoid executin
g queries in AppConfig.ready() or when your app modules are imported.
  warnings.warn(self.APPS_NOT_READY_WARNING_MSG, category=RuntimeWarning)
Operations to perform:
  Apply all migrations: account, auth, circuits, contenttypes, core, dcim, django_rq, extras, ipam,
netbox_secrets, netbox_topology_views, sessions, social_django, taggit, tenancy, users, virtualizati
on, vpn, wireless
Running migrations:
  No migrations to apply.
(venv) root@netbox:/opt/netbox# python3 netbox/manage.py collectstatic --no-input
/opt/netbox-4.0.7/venv/lib/python3.10/site-packages/django/db/backends/utils.py:98: RuntimeWarning:
Accessing the database during app initialization is discouraged. To fix this warning, avoid executin
g queries in AppConfig.ready() or when your app modules are imported.
  warnings.warn(self.APPS_NOT_READY_WARNING_MSG, category=RuntimeWarning)
0 static files copied to '/opt/netbox-4.0.7/netbox/static', 543 unmodified.

```

Thao tác khi click vào user key thì bị lỗi "Cannot resolve keyword 'is_active' into field."

The screenshot shows the NetBox web interface. On the left sidebar, under the 'NETBOX-SECRETS' section, 'User Keys' is highlighted with a red box. The main content area displays the 'Secret Roles' page. At the top, there is a search bar and a 'Secret Roles' header. Below the header, there are tabs for 'Results' (showing 2) and 'Filters'. A 'Quick search' input field and a dropdown menu are visible. The main content is a table with the following data:

<input type="checkbox"/>	ID	NAME	SECRETS
<input type="checkbox"/>	2	admin	1
<input type="checkbox"/>	1	demo	1

Below the table, it says 'Showing 1-2 of 2'. At the bottom of the table area, there are two buttons: 'Edit Selected' (yellow) and 'Delete Selected' (red).

← → ↻ 192.168.70.241:8000/plugins/secrets/user-keys/

Server Error

There was a problem with your request. Please contact an administrator.

The complete exception is provided below:

```
<class 'django.core.exceptions.FieldError'>
Cannot resolve keyword 'is_active' into field. Choices are: bookmarks, created, custom_field_data, id, journal_entries, last_u
Python version: 3.10.12
NetBox version: 4.0.7
Plugins:
netbox_secrets: 2.0.2
netbox_topology_views: 4.0.0
```

If further assistance is required, please post to the [NetBox discussion forum](#) on GitHub.

Home Page

Xoá user admin và tạo lại user admin4 khác

← → ↻ Not secure 192.168.70.241:8000/users/users/1/delete/?return_url=/users/users/ Inognito admin Admin

netbox Search...

Organization
Devices
Connections
Wireless
IPAM
VPN
Virtualization
Circuits
Power
Provisioning
Customization
Operations
Topology Views
Plugins
Admin

Users +

Groups
API Tokens
Permissions

SYSTEM
System
Configuration History
Background Tasks

Delete user?

Confirm Deletion

Are you sure you want to **delete admin**?

The following objects will be deleted as a result of this action.

- 1 dashboard
- 1 user preferences
- 1 user key
- 1 session key

Cancel Delete

2024-08-01 02:28:31 UTC · netbox (v4.0.)

Lưu pass trong thiết bị



Search...

- Organization
- Devices
- DEVICES
- Devices + ↕
- Modules
- Device Roles
- Platforms
- Virtual Chassis
- Virtual Device Contexts
- DEVICE TYPES
- Device Types
- Module Types
- Manufacturers
- DEVICE COMPONENTS
- Interfaces
- Front Ports
- Rear Ports
- Console Ports
- Console Server Ports
- Power Ports
- Power Outlets
- Module Bays
- Device Bays
- Inventory Items
- Inventory Item Roles
- Connections
- Wireless

Device Type	dell dell 6420 (1U)
Description	—
Airflow	—
Serial Number	—
Asset Tag	—
Config Template	—

NAME	PARENT	PROTOCOL
— No services		

Images

OBJECT TYPE	PARENT	IMAGE	NAME
— No image attached			

Tags

No tags assigned

Dimensions

Height

Weight

Comments

None

Virtual Device Contexts + Create VDC

NAME	IDENTIFIER	STATUS	TENANT	IP ADDRESS
— No virtual device contexts found —				

Secrets

Name	Role	Secret	
root	admin	11111	

+ Add Secret



The screenshot shows the Netbox web interface for a device named 'dell dell 6420 (1U)'. The interface is divided into a sidebar on the left and a main content area. The sidebar contains navigation menus for Organization, Devices, Modules, Device Roles, Platforms, Virtual Chassis, Virtual Device Contexts, Device Types, Module Types, Manufacturers, Device Components, Interfaces, Front Ports, Rear Ports, Console Ports, Console Server Ports, Power Ports, Power Outlets, Module Bays, Device Bays, Inventory Items, Inventory Item Roles, Connections, and Wireless. The main content area displays the following sections:

- Device Type:** dell dell 6420 (1U)
- Description:** —
- Airflow:** —
- Serial Number:** —
- Asset Tag:** —
- Config Template:** —
- Tags:** No tags assigned
- Comments:** None
- Virtual Device Contexts:** + Create VDC
- Images:** + Attach an image
- Dimensions:** Height: 1.0U, Weight: —
- Secrets:** A table with columns Name, Role, and Secret. One entry is visible: Name: root, Role: admin, Secret: *****. There are icons for lock, edit, and delete next to the entry, and a '+ Add Secret' button below the table.

The bottom right corner of the interface shows the date and time: 2024-08-02 02:25:33 UTC and the version: netbox (v4.0.7).

Tác vụ con:

Task # 1037: Update netbox version 3.4.2 lên ver mới nhất	Closed
Task # 1077: Update netbox live lên ver mới nhất	Closed
Task # 1118: Phân quyền user trên netbox	Closed

Lược sử

#1 - 29-07-2024 09:56 - Minh Pham

- Tập tin clipboard-202407290954-hlp4w.png được thêm
- Tập tin clipboard-202407290955-vgfbt.png được thêm
- Tập tin clipboard-202407290956-fpwsq.png được thêm
- Mô tả cập nhật
- Trạng thái thay đổi từ New tới In Progress

#2 - 29-07-2024 09:56 - Minh Pham

- Mô tả cập nhật

#3 - 31-07-2024 17:55 - Minh Pham

- Tập tin clipboard-202407311752-1obmp.png được thêm
- Tập tin clipboard-202407311753-wy6af.png được thêm
- Tập tin clipboard-202407311754-czzrf.png được thêm
- Tập tin clipboard-202407311755-996sa.png được thêm
- Mô tả cập nhật

#4 - 31-07-2024 18:05 - Minh Pham

- Mô tả cập nhật

#5 - 01-08-2024 09:12 - Minh Pham

- Tập tin clipboard-202408010912-4fmipc.png được thêm

- Mô tả cập nhật

#6 - 01-08-2024 09:13 - Minh Pham

- Mô tả cập nhật

#7 - 02-08-2024 09:07 - Minh Pham

- Tập tin clipboard-202408020907-gcchk.png được thêm

- Mô tả cập nhật

#8 - 02-08-2024 09:26 - Minh Pham

- Tập tin clipboard-202408020925-9xvbw.png được thêm

- Tập tin clipboard-202408020926-qvbjw.png được thêm

- Mô tả cập nhật

#9 - 05-08-2024 09:48 - Minh Pham

- Subtask #1037 được thêm

#10 - 19-08-2024 08:52 - Minh Pham

- Subtask #1077 được thêm

#11 - 26-08-2024 12:38 - Minh Pham

- Subtask #1118 được thêm

#12 - 16-09-2024 09:13 - Minh Pham

- Trạng thái thay đổi từ In Progress tới Closed

Tập tin

clipboard-202407290954-hlp4w.png	92 KB	29-07-2024	Minh Pham
clipboard-202407290955-vgfbt.png	72,1 KB	29-07-2024	Minh Pham
clipboard-202407290956-fpwsq.png	66,7 KB	29-07-2024	Minh Pham
clipboard-202407311752-1obmp.png	195 KB	31-07-2024	Minh Pham
clipboard-202407311753-wy6af.png	100 KB	31-07-2024	Minh Pham
clipboard-202407311754-czzrf.png	39,9 KB	31-07-2024	Minh Pham
clipboard-202407311755-996sa.png	62,7 KB	31-07-2024	Minh Pham
clipboard-202408010912-4fmipc.png	148 KB	01-08-2024	Minh Pham
clipboard-202408020907-gcchk.png	89,7 KB	02-08-2024	Minh Pham
clipboard-202408020925-9xvbw.png	106 KB	02-08-2024	Minh Pham
clipboard-202408020926-qvbjw.png	122 KB	02-08-2024	Minh Pham