

Efficiency Unlocked: Mastering Service Sync between Netbox and NSO



01/03/2025

Niclas Skøtt Petersen

Level(age): 27

Class(role): Network Specialist in Automation

Background:

6 years in Norlys in 4 different roles

Started my IT education in 2013.

Volunteer for many things



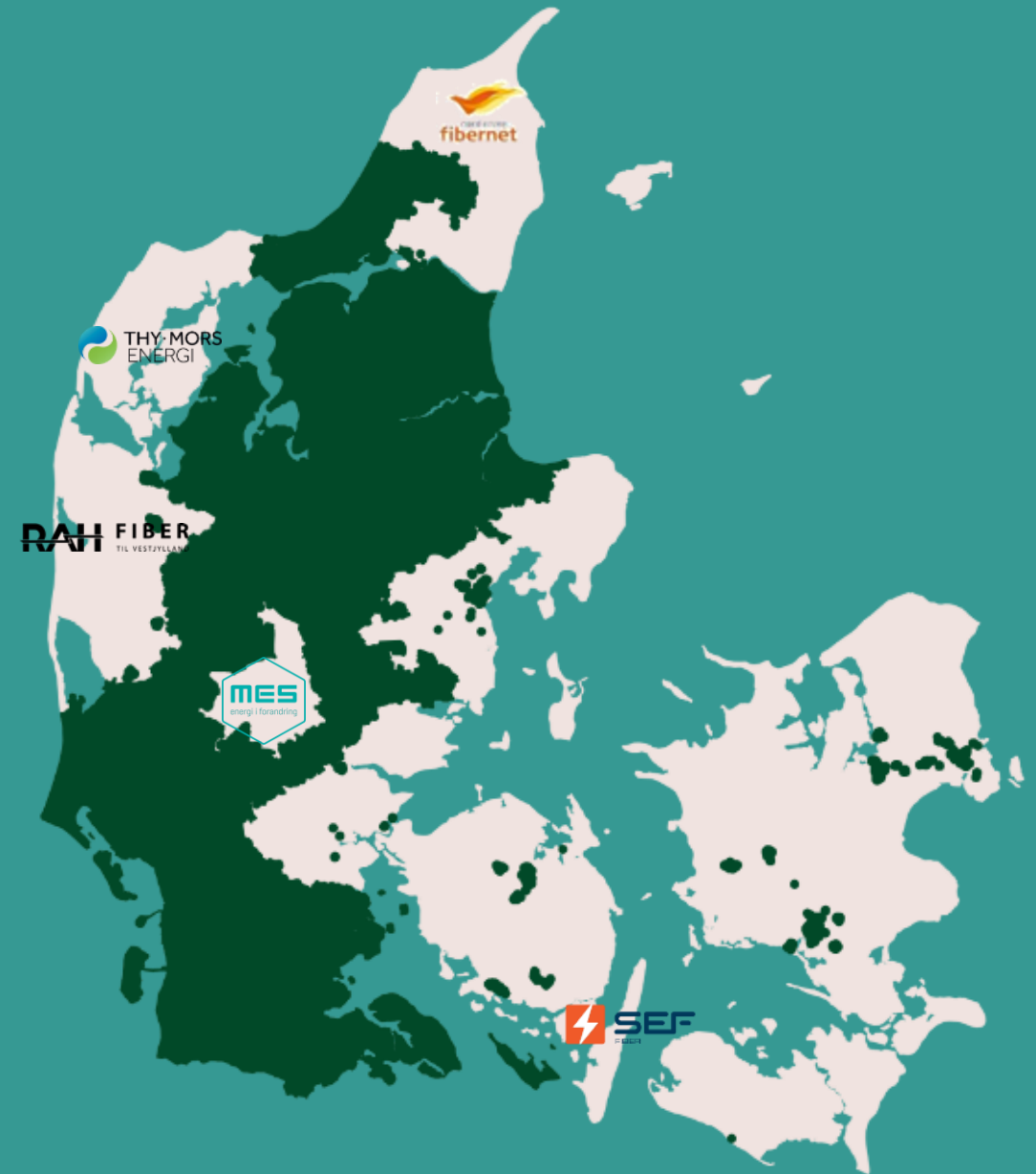
Warning:
Will continue to talk for hours about most fields in Tech if disturbed. No specific disturbance required.

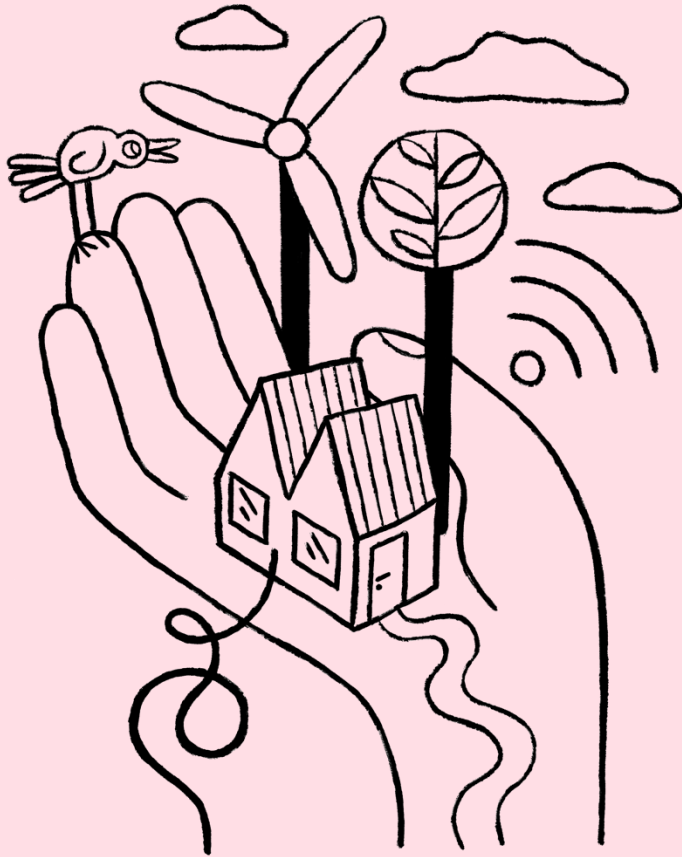


Who is Norlys Fibernet?

- Norlys Fibernet **owns, operates and maintains the largest fibre network in Denmark** measured by the number of households that have access to the network.
- The fibre network is available to more than **880,000 addresses**
- Norlys Fibernet also **operates several other fibre networks**, including SEF, RAH, ThyMors Energi, Nord Energi and MES
- Norlys Fibernet **owns 45% of RAH Fiber and 25% of SEF Fiber**

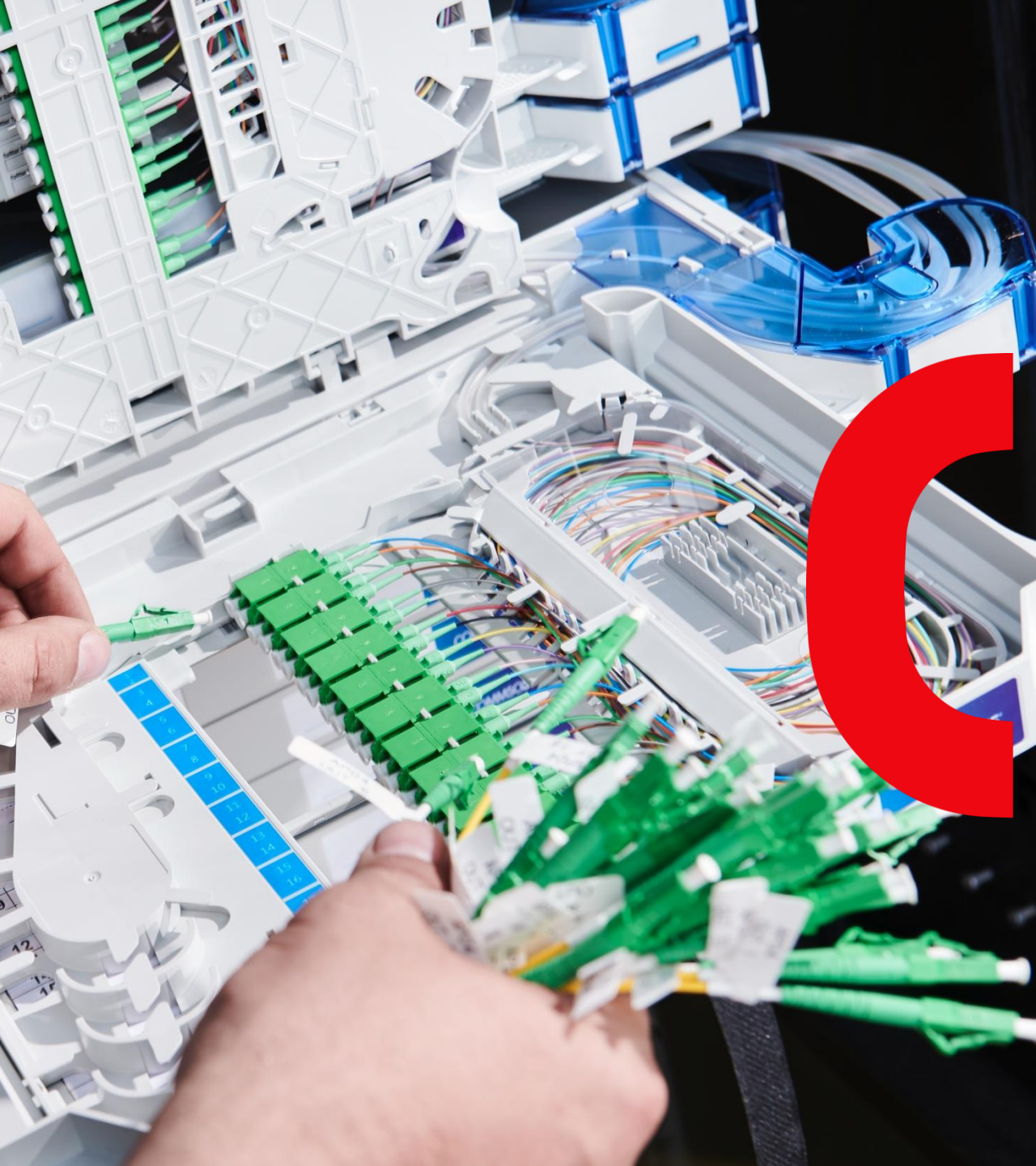
→ The green area roughly corresponds to Norlys' electricity supply area





Agenda

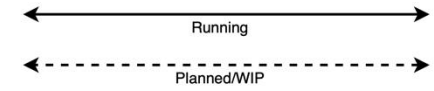
- Short intro to Norlys Fibernet and me
- SSOT introduction – Netbox
- The Challenge
- Solution
- The “Demo”
- Next steps and Lessons learned
- Questions



SSoT introduction

SSoT - Netbox

Integrations Now



NORLYS

POWERDNS



CISCO ISE

ScienceLogic



ANSIBLE

servicenow

Vulnerability Scanner

NORLYS

DOCSIS Backhaul

NORLYS

ZTP/PNP Day 0 Config

NORLYS

Operations toolbox

NORLYS

Fabric ONNO/Support tools



OpenNet



Smallworld

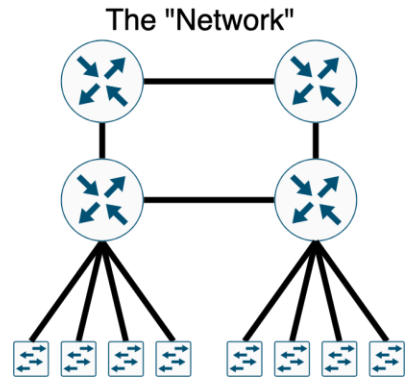


Smart Collector

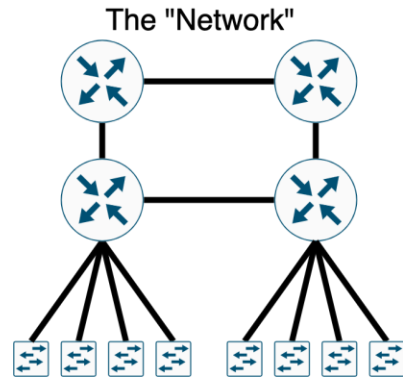
**Flipping the
script**



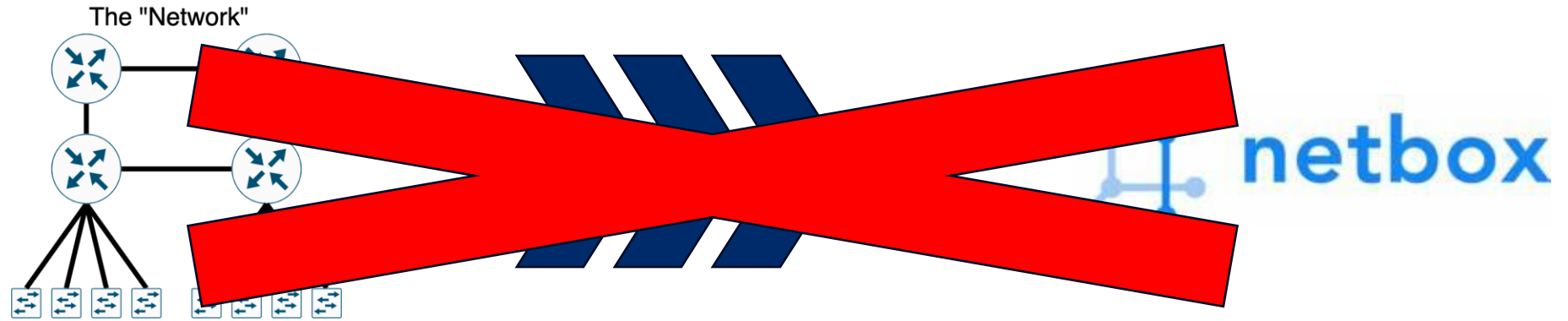
Flipping the script



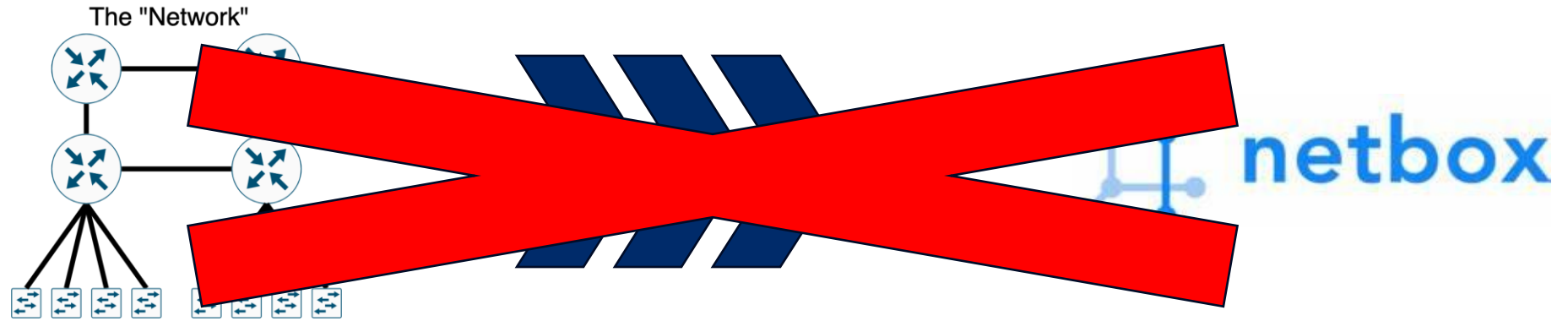
Flipping the script



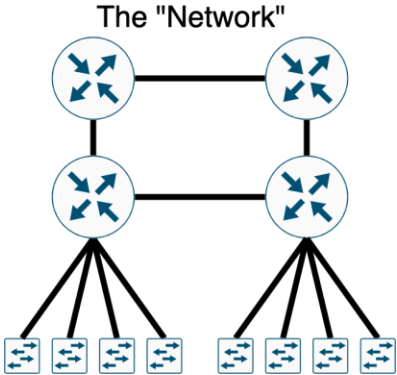
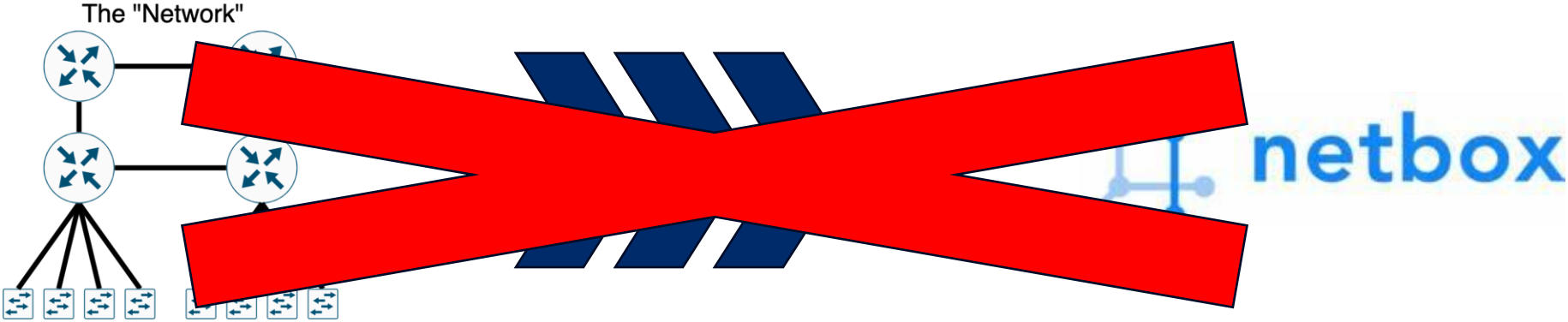
Flipping the script



Flipping the script



Flipping the script



Sync of Services

Goals and Solution



Goals for Service sync

Dry-run verification of config as day 1

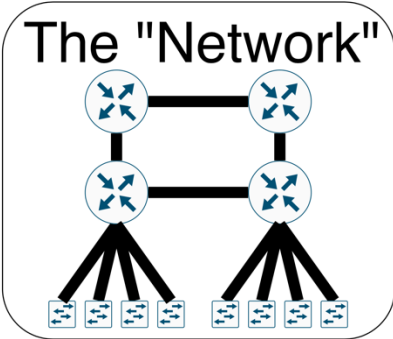
No values should be duplicated if possible.

Ready for multiple Sources of Record

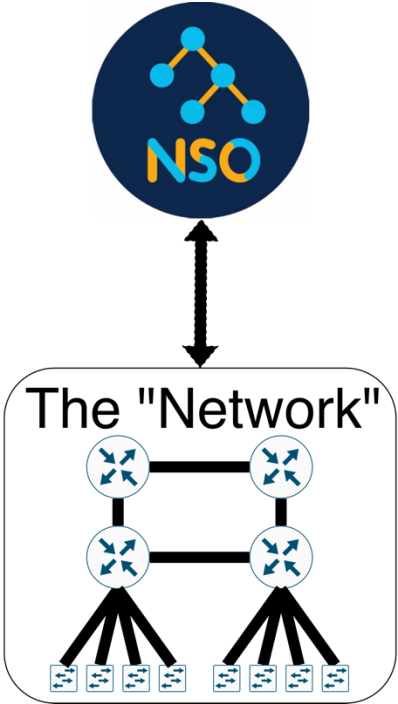
Services local for device

Services on global/group level

The Solution



The Solution



The Solution



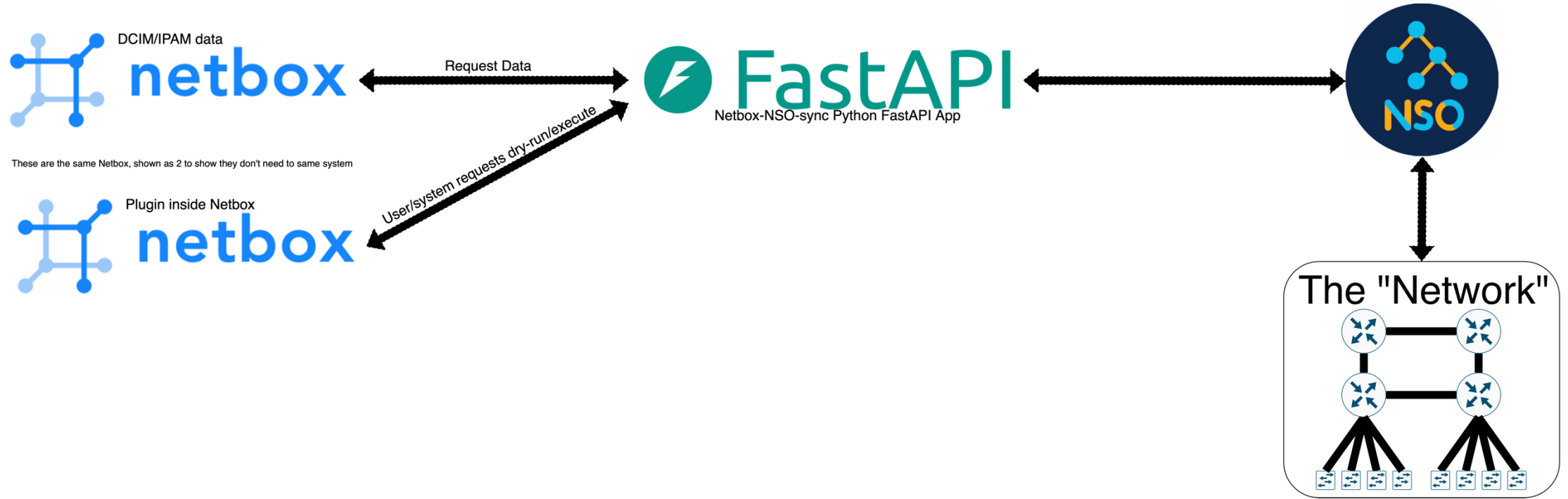
The Solution



The Solution



The Solution



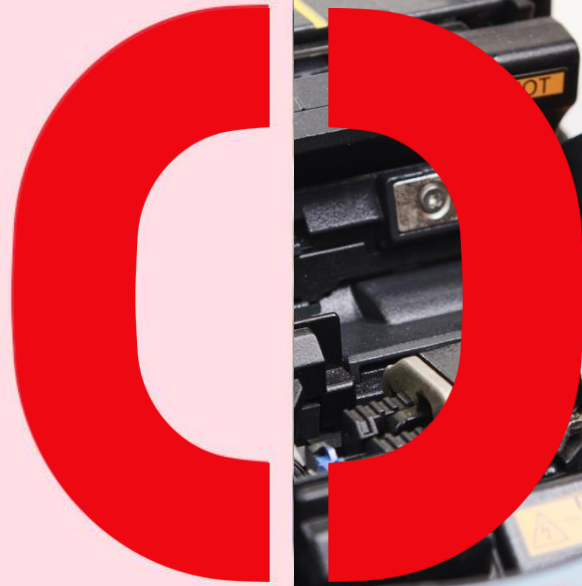
The Solution



The Solution



The “Demo”



The Task

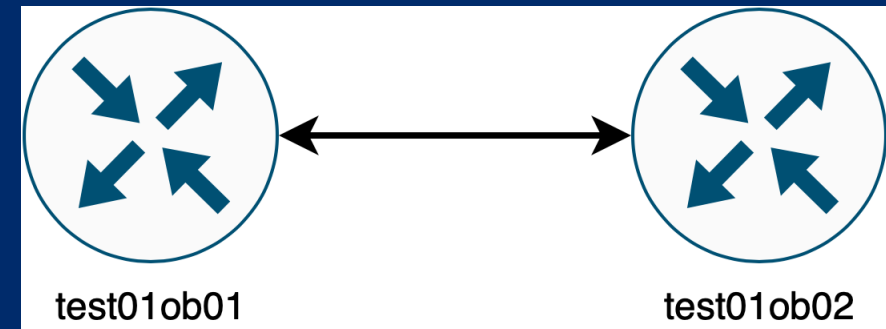
Hello Network Engineer.

We need you to add a link between test01ob01 and test01ob02.

Can you plan it and return documentation for the new link?

Then we will schedule technician to execute.

Speed should 2x10G.



Executing the task

The screenshot shows the NetBox web interface. On the left is a navigation sidebar with categories like Organization, Racks, Devices, Connections, Wireless, IPAM, VPN, Virtualization, Circuits, Power, Provisioning, Customization, Operations, DDNS, Netbox NSO Sync, and Admin. The main content area is titled 'Search' and contains a search bar with 'test01ob0' entered. Below the search bar are filters for 'Object type(s)' set to 'Device' and 'Lookup' set to 'Partial match'. A 'Search' button is visible. The results table shows two entries:

TYPE	OBJECT	FIELD	VALUE	ATTRIBUTES
Device	test01ob01	Name	test01ob01	Site: test01 Location: NH2 Rack: NH02R04 Status: Active Device Type: NCS-55A2-MOD-S Role: OOB Core Tenant: Fibernet Test Platform: IOS-XR
Device	test01ob02	Name	test01ob02	Site: test01 Location: NH2 Rack: NH02R04 Status: Active Device Type: NCS-55A2-MOD-S Role: OOB Core Tenant: Fibernet Test Platform: IOS-XR

Showing 1-2 of 2

Per Page ▾

2025-02-26 17:22:20 UTC · 3e908ca081c3 · NetBox Community v4.2.2

Executing the task

The image displays two side-by-side screenshots of the Netbox web interface. Both screenshots show the configuration page for a device named 'test01ob01' under the 'test01' organization. The left screenshot shows the configuration for 'test01ob01' with 46 interfaces. The right screenshot shows the configuration for 'test01ob02' with 47 interfaces. Both devices are of type 'tengige' and have their Netbox NSO Sync status set to 'INSYNC'. The interface configuration table lists various TenGigE0/0/0/x interfaces, all of which are disabled (indicated by a red 'x' in the 'ENABLED' column).

NAME	LABEL	ENABLED	TYPE	PARENT	LAG	MTU	MODE	DESCRIPTION	IP ADDRESSES	CABLE	CONNECTION	VRF	TAGS
TenGigE0/0/0/15		✗	SFP+ (10GE)										
TenGigE0/0/0/14		✗	SFP+ (10GE)										
TenGigE0/0/0/13		✗	SFP+ (10GE)										
TenGigE0/0/0/12		✗	SFP+ (10GE)										
TenGigE0/0/0/11		✗	SFP+ (10GE)										
TenGigE0/0/0/10		✗	SFP+ (10GE)										
TenGigE0/0/0/9		✗	SFP+ (10GE)										
TenGigE0/0/0/8		✗	SFP+ (10GE)										
TenGigE0/0/0/7		✗	SFP+ (10GE)										
TenGigE0/0/0/6		✗	SFP+ (10GE)										
TenGigE0/0/0/5		✗	SFP+ (10GE)										
TenGigE0/0/0/4		✗	SFP+ (10GE)										
TenGigE0/0/0/3		✗	SFP+ (10GE)										
TenGigE0/0/0/2		✗	SFP+ (10GE)										
TenGigE0/0/0/1		✗	SFP+ (10GE)										

Executing the task

The screenshot displays the NetBox web interface for configuring a script. The sidebar on the left contains navigation menus for Organization, Racks, Devices, Connections, Wireless, IPAM, VPN, Virtualization, Circuits, Power, Provisioning, and Customization. Under 'CUSTOMIZATION', there are options for Custom Fields, Custom Field Choices, Custom Links, Export Templates, Saved Filters, Tags, and Image Attachments. Under 'SCRIPTS', there is a 'Scripts' menu with a plus sign. The main content area is titled 'General - MPLS Link' and includes a search bar, tabs for 'Script', 'Source', and 'Jobs' (with a count of 1), and a 'Script Data' section. The 'Script description' explains that the script creates MPLS links between devices, pulling the correct IP based on device roles and tenants. It lists supported roles (PE router, CORE router, Border router, DIST router, POI router, Route Reflector, Service Router, PS Router) and OOB roles (OOB Router, OOB Core, OOB Hub, OOB Route Reflector). It also notes that links can be created without interfaces. The configuration fields include 'Device 1', 'Device 1 interfaces', 'Device 2', 'Device 2 interfaces', and 'Cable type' (set to 'Single Mode'). The 'Script Execution Parameters' section includes a 'Schedule at' field (YYYY-MM-DD hh:mm:ss) with a current time of 2025-02-26 18:00:46 UTC, a 'Recurs every' dropdown, and a 'Commit changes' checkbox. At the bottom right, there are 'Cancel' and 'Run Script' buttons.

Executing the task

The screenshot displays the NetBox web interface for configuring a script. The left sidebar shows the navigation menu with categories like Organization, Racks, Devices, Connections, Wireless, IPAM, VPN, Virtualization, Circuits, Power, Provisioning, and Customization. Under the 'SCRIPTS' section, 'Scripts' is selected.

The main content area is titled 'General - MPLS Link' and includes a search bar at the top. Below the title, there are tabs for 'Script', 'Source', and 'Jobs' (with a count of 1). The 'Script Data' section contains a description: 'This script will create MPLS links between devices. It pulls the correct IP automatically based on Devices(DeviceRole) and Tenant Device roles inband: PE router, CORE router, Border router, DIST router, POI router, Route Reflector, Service Router, PS Router. Device roles OOB: OOB Router, OOB Core, OOB Hub, OOB Route Reflector. You can create an MPLS link without interfaces attached by not selecting any interfaces. This will create bundle in both ends that you can later add interfaces to using the 'General - Update LAG member' script.'

Configuration fields include:

- Device 1***: test01ob01
- Device 1 interfaces**: TenGigE0/0/0/15 | x TenGigE0/0/0/14 | x
- Device 2***: test01ob02
- Device 2 interfaces**: TenGigE0/0/0/15 | x TenGigE0/0/0/14 | x
- Cable type***: Single Mode

The **Script Execution Parameters** section includes:

- Schedule at**: YYYY-MM-DD hh:mm:ss (current time: 2025-02-26 18:00:46 UTC)
- Recurs every**: Interval at which this script is re-run (in minutes)
- Commit changes**: Commit changes to the database (uncheck for a dry-run)

At the bottom right, there are 'Cancel' and 'Run Script' buttons. The footer shows the current time (2025-02-26 18:00:46 UTC), user ID (3e908ca081c3), and version (NetBox Community v4.2.2).

Executing the task

ID	Timestamp	Status	Message
1	2025-02-26T18:45:53.514833+00:00	Info	Device 1: 618353 618354
2	2025-02-26T18:45:53.514869+00:00	Info	Device 2: 748772 748773
3	2025-02-26T18:45:53.592000+00:00	Success	'object-case:5579079a-eb48-493a-a76e-f0d5b7845a2c' created
4	2025-02-26T18:45:53.633968+00:00	Info	Checking roles of devices
5	2025-02-26T18:45:53.651445+00:00	Info	Match found, MPLS like kind is mfa-oob-core
6	2025-02-26T18:45:54.581477+00:00	Info	Connected SMF cable between 'test01ob01/TenGigE0/0/0/14' and 'test01ob02/TenGigE0/0/0/14'. Cable id = 97769'
7	2025-02-26T18:45:55.107512+00:00	Info	Connected SMF cable between 'test01ob01/TenGigE0/0/0/15' and 'test01ob02/TenGigE0/0/0/15'. Cable id = 97770'
8	2025-02-26T18:45:55.123214+00:00	Info	Lag ID: 100
9	2025-02-26T18:45:55.308616+00:00	Info	Added Bundle-Ether100 to test01ob01
10	2025-02-26T18:45:55.325815+00:00	Info	Adding TenGigE0/0/0/14 to lag Bundle-Ether100 on test01ob01
11	2025-02-26T18:45:55.608756+00:00	Info	Setting test01ob01/TenGigE0/0/0/14 description to G: test01ob02 Te0/0/0/14 (BE100)
12	2025-02-26T18:45:55.704194+00:00	Info	Adding TenGigE0/0/0/15 to lag Bundle-Ether100 on test01ob01
13	2025-02-26T18:45:56.035477+00:00	Info	Setting test01ob01/TenGigE0/0/0/15 description to G: test01ob02 Te0/0/0/15 (BE100)
14	2025-02-26T18:45:56.136815+00:00	Warning	Updating service data for device test01ob01, please go sync config!
15	2025-02-26T18:45:56.485515+00:00	Info	test01ob01 Bundle-Ether100 got these interfaces added: TenGigE0/0/0/14, TenGigE0/0/0/15
16	2025-02-26T18:45:56.485544+00:00	Info	Added Bundle-Ether100 to test01ob02
17	2025-02-26T18:45:56.497384+00:00	Info	Adding TenGigE0/0/0/14 to lag Bundle-Ether100 on test01ob02
18	2025-02-26T18:45:56.779053+00:00	Info	Setting test01ob02/TenGigE0/0/0/14 description to G: test01ob01 Te0/0/0/14 (BE100)
19	2025-02-26T18:45:56.871529+00:00	Info	Adding TenGigE0/0/0/15 to lag Bundle-Ether100 on test01ob02
20	2025-02-26T18:45:57.112394+00:00	Info	Setting test01ob02/TenGigE0/0/0/15 description to G: test01ob01 Te0/0/0/15 (BE100)
21	2025-02-26T18:45:57.186474+00:00	Warning	Updating service data for device test01ob02, please go sync config!
22	2025-02-26T18:45:57.257765+00:00	Info	test01ob02 Bundle-Ether100 got these interfaces added: TenGigE0/0/0/14, TenGigE0/0/0/15
23	2025-02-26T18:45:57.572619+00:00	Info	Setting test01ob01/Bundle-Ether100 description to B: test01ob02 BE100
24	2025-02-26T18:45:57.654534+00:00	Info	Setting test01ob02/Bundle-Ether100 description to B: test01ob01 BE100
25	2025-02-26T18:45:57.716975+00:00	Info	Set description, MTU and enabled LAG.
26	2025-02-26T18:45:57.739615+00:00	Info	CIDR valid
27	2025-02-26T18:45:57.739646+00:00	Info	Getting all prefixes in Role: OOB-NCS-linknet and Tenant Fibernet Test
28	2025-02-26T18:45:58.059754+00:00	Success	Created prefix: 10.145.249.0/31
29	2025-02-26T18:45:58.071429+00:00	Success	Prefix assigned
30	2025-02-26T18:45:58.244876+00:00	Info	Added 10.145.249.0/31 to test01ob01 Bundle-Ether100
31	2025-02-26T18:45:58.291444+00:00	Info	Added 10.145.249.1/31 to test01ob01 Bundle-Ether100
32	2025-02-26T18:45:58.291507+00:00	Warning	Updating service data for device test01ob01, please go sync config!
33	2025-02-26T18:45:58.396895+00:00	Warning	Updating service data for device test01ob02, please go sync config!
34	2025-02-26T18:45:58.477664+00:00	Success	MPLS successfully created and connected
35	2025-02-26T18:45:58.477708+00:00	Success	Script completed successfully

Executing the task

Devices / test01 dcim.device:32586

test01ob01
Created 2023-01-25 00:00 - Updated 2025-02-26 18:45

+ Add Components | Bookmark | Subscribe | Clone | Edit | Delete

Monitoring

Device | Interfaces 47 | Console Ports 1 | Power Ports 2 | Netbox NSO Sync **OUTOFSYNC** | Config Context | Render Config | Contacts | Journal | Changelog

100

NAME	LABEL	ENABLED	TYPE	PARENT	LAG	MTU	MODE	DESCRIPTION	IP ADDRESSES	CABLE	CONNECTION	VRF	TAGS
Bundle-Ether100		✓	Link Aggregation Group (LAG)			9192		B: test01ob02 BE100	10.145.249.0/31				interface_role:mpls-link-interface
TenGigE0/0/0/15		✓	SFP+ (10GE)	Bundle-Ether100				G: test01ob02 Te0/0/0/15 (BE100)		#97771	test01ob02 > TenGigE0/0/0/15		interface_role:lag-interface-member
TenGigE0/0/0/14		✓	SFP+ (10GE)	Bundle-Ether100				G: test01ob02 Te0/0/0/14 (BE100)		#97772	test01ob02 > TenGigE0/0/0/14		interface_role:lag-interface-member

Showing 1-3 of 3

Edit Selected | Rename | Delete Selected | Disconnect | Add Interfaces

Devices / test01 dcim.device:38055

test01ob02
Created 2023-04-24 00:00 - Updated 2025-02-26 18:45

+ Add Components | Bookmark | Subscribe | Clone | Edit | Delete

Monitoring

Device | Interfaces 48 | Console Ports 1 | Power Ports 2 | Netbox NSO Sync **OUTOFSYNC** | Config Context | Render Config | Contacts | Journal | Changelog

100

NAME	LABEL	ENABLED	TYPE	PARENT	LAG	MTU	MODE	DESCRIPTION	IP ADDRESSES	CABLE	CONNECTION	VRF	TAGS
Bundle-Ether100		✓	Link Aggregation Group (LAG)			9192		B: test01ob01 BE100	10.145.249.1/31				interface_role:mpls-link-interface
TenGigE0/0/0/15		✓	SFP+ (10GE)	Bundle-Ether100				G: test01ob01 Te0/0/0/15 (BE100)		#97771	test01ob01 > TenGigE0/0/0/15		interface_role:lag-interface-member
TenGigE0/0/0/14		✓	SFP+ (10GE)	Bundle-Ether100				G: test01ob01 Te0/0/0/14 (BE100)		#97772	test01ob01 > TenGigE0/0/0/14		interface_role:lag-interface-member

Showing 1-3 of 3

Edit Selected | Rename | Delete Selected | Disconnect | Add Interfaces

Executing the task

```
{
  "nso": {
    "services": {
      "lag-interface:lag-interface": {
        "DevID38055-IntId1016013": {
          "device": "{{ netbox.dcim.devices.id.38055.name.short_name }}",
          "lag-description": "{{ netbox.dcim.interfaces.id.1016013.description }}",
          "lag-members": [
            {
              "description": "{{ netbox.dcim.interfaces.id.748772.description }}",
              "interface": "{{ netbox.dcim.interfaces.id.748772.name }}"
            },
            {
              "description": "{{ netbox.dcim.interfaces.id.748773.description }}",
              "interface": "{{ netbox.dcim.interfaces.id.748773.name }}"
            }
          ],
          "lag-name": "{{ netbox.dcim.interfaces.id.1016013.name }}",
          "lldp": true,
          "mtu": "{{ netbox.dcim.interfaces.id.1016013.mtu }}",
          "name": "DevID38055-IntId1016013",
          "netbox-nso-sync": 38055
        }
      },
      "mpls-link-interface:mpls-link-interface": {
        "DevID38055-IntId1016013": {
          "area": 0,
          "device": "{{ netbox.dcim.devices.id.38055.name.short_name }}",
          "ipv4-cidr": "{{ netbox.ipam.ip_addresses.interface_id.1016013.address }}",
          "lag-name": "{{ netbox.dcim.interfaces.id.1016013.name }}",
          "link-kind": "oob",
          "name": "DevID38055-IntId1016013",
          "netbox-nso-sync": 38055
        }
      }
    }
  }
}
```

Executing the task

netbox Community

Organization Racks Devices Connections Wireless IPAM VPN Virtualization Circuits Power Provisioning Customization Operations DDNS Netbox NSO Sync

CONFIGURATION Sync Results Admin

Search...

admin Admin

dcim.device:38055

test01ob02
Created 2023-04-24 00:00 - Updated 2025-02-26 18:45

+ Add Components Bookmark Subscribe Clone Edit Delete

Monitoring

Device Interfaces 48 Console Ports 1 Power Ports 2 Netbox NSO Sync **OUTOFSYNC** Config Context Render Config Contacts Journal Changelog

Compare Config Refetch Apply

Started: 2025-02-26 18:52:33 **OUTOFSYNC** Trace ID: 192e9d779a3e4f4fb4e22962f35e6f4e

Result

Message: Dryrun output

```

{
  "dryrun-result": {
    "cli": {
      "local-node": {
        "data": ""
      }
    }
  },
  "devices": {
    "test01ob02": {
      "config": {
        "interface": {
          "Bundle-Ether 100": {
            "description": "\\B: test01ob01 BE100\\",
            "mtu": 9192,
            "service-policy": {
              "input": {
                "name": "core-ingress"
              },
              "output": {
                "name": "core-egress"
              }
            }
          },
          "ipv4": {
            "address": {
              "ip": "10.145.249.1",
              "mask": "255.255.255.254"
            }
          },
          "lldp": {}
        },
        "TenGigE 0/0/0/14": {
            "description": "\\G: test01ob01 Te0/0/0/14 (BE100)\\",
            "lldp": {},
            "shutdown": true,
            "load-interval": 30,
            "bundle": {
              "id": {
                "id-value": 100,
                "mode": "active"
              }
            }
          },
        "TenGigE 0/0/0/15": {
            "description": "\\G: test01ob01 Te0/0/0/15 (BE100)\\",
            "lldp": {},
            "shutdown": true,
            "load-interval": 30,
            "bundle": {
              "id": {
                "id-value": 100,
                "mode": "active"
              }
            }
          }
        }
      }
    }
  }
}

```


Executing the task

The screenshot shows the NetBox web interface. On the left is a navigation sidebar with categories like Organization, Racks, Devices, Connections, Wireless, IPAM, VPN, Virtualization, Circuits, Power, Provisioning, Customization, Operations, DDNS, and Netbox NSO Sync. The 'CONFIGURATION' section is expanded to show 'Sync Results'. The main content area displays the details for device 'test01ob02' under the 'test01' rack. It shows a 'Netbox NSO Sync' task in a 'SYNCING' state. The task started on 2025-02-26 at 18:56:28 and is currently 'Running'. The status is 'Results pending...'. There are buttons for 'Add Components', 'Bookmark', 'Subscribe', 'Clone', 'Edit', and 'Delete'. Below the task details, there are icons for various actions and a 'Refetch' button. The footer of the interface shows the date and time '2025-02-26 18:56:29 UTC' and the version 'NetBox Community v4.2.2'.

Executing the task

The screenshot displays the NetBox web interface. On the left is a navigation sidebar with categories like Organization, Racks, Devices, Connections, Wireless, IPAM, VPN, Virtualization, Circuits, Power, Provisioning, Customization, Operations, DDNS, and Netbox NSO Sync. The main content area shows the configuration page for device 'test01ob02'. At the top, there are buttons for '+ Add Components', 'Bookmark', 'Subscribe', 'Clone', 'Edit', and 'Delete'. Below this, a 'Compare Config' section is visible, showing a 'Message: Update succeeded' and a JSON snippet:

```
{
  "ietf-yang-patch:yang-patch-status": {
    "patch-id": "netbox-nso-sync-services-update",
    "ok": {
      null
    }
  }
}
```

. The interface also includes a search bar, user profile 'admin', and various status indicators like 'UNKNOWN' for the Netbox NSO Sync component.

Executing the task

```
RP/0/RP0/CPU0:test01ob02#sho int desc | utility egrep "(\/0\/14|\/0\/15)"
Wed Feb 26 18:56:15.553 UTC
Te0/0/0/14      admin-down  admin-down
Te0/0/0/15      admin-down  admin-down
```

```
RP/0/RP0/CPU0:test01ob02#sho int desc | utility egrep "(\/0\/14|\/0\/15|100)"
Wed Feb 26 19:08:37.000 UTC
BE100          up          up          B: test01ob01 BE100
Te0/0/0/14     up          up          G: test01ob01 Te0/0/0/14 (BE100)
Te0/0/0/15     up          up          G: test01ob01 Te0/0/0/15 (BE100)
```

```
RP/0/RP0/CPU0:test01ob02#sho ospf neighbor Bundle-ether 100
Wed Feb 26 19:08:46.958 UTC

* Indicates MADJ interface
# Indicates Neighbor awaiting BFD session up

Neighbors for OSPF 10

Neighbor ID    Pri   State           Dead Time   Address        Interface
10.145.248.1   1     FULL/ -         00:00:39   10.145.249.0   Bundle-Ether100
    Neighbor is up for 00:03:30

Total neighbor count: 1
RP/0/RP0/CPU0:test01ob02#
```

The Task

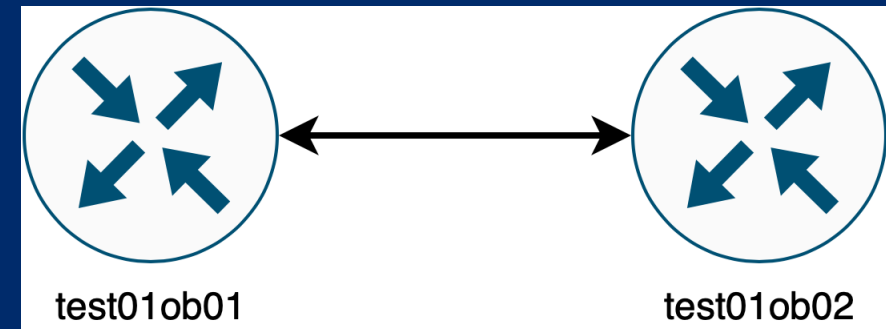
Hello Network Engineer.

We need you to add a link between test01ob01 and test01ob02.

Can you plan it and return documentation for the new link?

Then we will schedule technician to execute.

Speed should 2x10G.



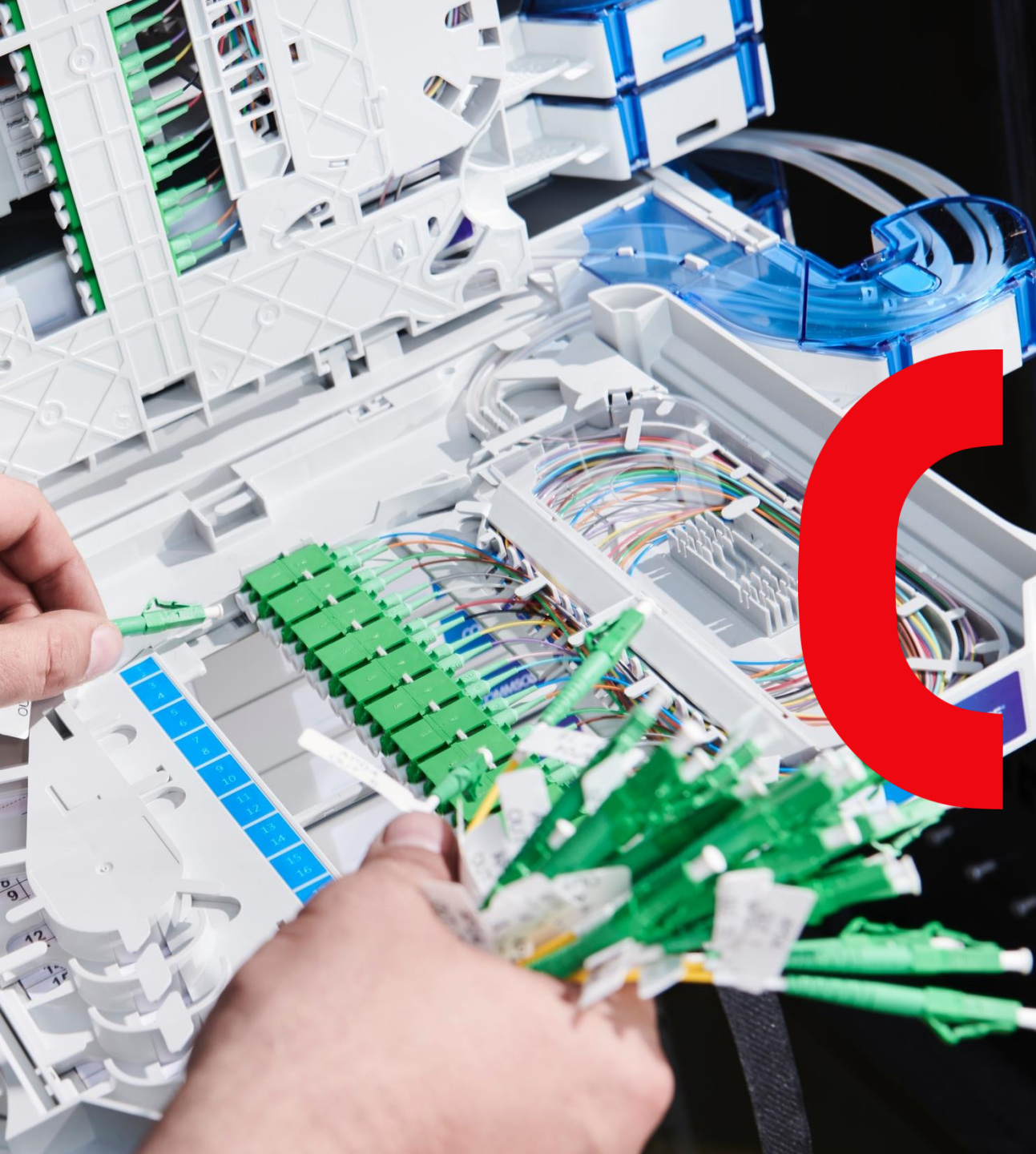
Executing the task

ID	Timestamp	Status	Message
1	2025-02-26T18:45:53.514833+00:00	Info	Device 1: 618353 618354
2	2025-02-26T18:45:53.514869+00:00	Info	Device 2: 748772 748773
3	2025-02-26T18:45:53.592000+00:00	Success	'object-case:5579079a-eb48-493a-a76e-f0d5b7845a2c' created
4	2025-02-26T18:45:53.633968+00:00	Info	Checking roles of devices
5	2025-02-26T18:45:53.651445+00:00	Info	Match found, MPLS like kind is mfa-oob-core
6	2025-02-26T18:45:54.581477+00:00	Info	Connected SMF cable between 'test01ob01/TenGigE0/0/0/14' and 'test01ob02/TenGigE0/0/0/14. Cable id = 97769'

The screenshot shows the NetBox web interface. On the left is a sidebar with the 'netbox Community' logo and navigation menu items: Organization, Racks, Devices, Connections, CONNECTIONS (highlighted), Cables (selected), Wireless Links, Interface Connections, Console Connections, Power Connections, and Wireless. The main content area is titled 'Cables' and includes a search bar, '+ Add', '+ Import', and '- Export' buttons. Below the header, it shows 'Results 2' and 'Filters 1'. A tag 'object-case:5579079a-eb48-493a-a76e-f0d5b7845a2c (2)' is displayed with a 'Save' button. A 'Quick search' bar and a 'Configure Table' button are also present. The table below has the following data:

DEVICE A	TERMINATION A	DEVICE B	TERMINATION B	STATUS	TYPE	COLOR
test01ob01	TenGigE0/0/0/15	test01ob02	TenGigE0/0/0/15	Connected	Singlemode Fiber	Yellow
test01ob01	TenGigE0/0/0/14	test01ob02	TenGigE0/0/0/14	Connected	Singlemode Fiber	Yellow

At the bottom of the table, it says 'Showing 1-2 of 2' and 'Per Page' with a dropdown menu.



Next Steps

Next Steps

Brown field strategies

Reconciliation

Expanding Services

NSO and Device interaction

Extra Integrations

Compliance

New feature from the plugin

The screenshot displays the Netbox Community web interface. On the left is a dark sidebar with a navigation menu containing: Organization, Racks, Devices, Connections, Wireless, IPAM, VPN, Virtualization, Circuits, and Power. The main content area is titled "Device Sync Results" and includes a search bar at the top. Below the title, there are "Results 2" and "Filters" tabs. A "Quick search" input field and a dropdown menu are present. A table lists the sync results with columns for DEVICE, MESSAGE, STATUS, and NSO INSTANCE. Two entries are shown: "test01ob01" with status "OUTOFSYNC" and "test01ob02" with status "INSYNC". Each entry has a red edit icon. At the bottom right, there is a "Per Page" dropdown menu. The top right corner shows the user "admin" and an "Export" button.

DEVICE	MESSAGE	STATUS	NSO INSTANCE
<input type="checkbox"/> test01ob01	Dryrun output	OUTOFSYNC	nsodev01-42n
<input type="checkbox"/> test01ob02	Dryrun output	INSYNC	nsodev01-42n

Questions?



Check out
norlys.dk/job

