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Intentflow Reconcile - Reconciliation report

140 objects assessed against https://atlas.intentflow.co - 86% -> 96% ready to synchronize.

PREPARED FOR **Atlas Logistics**

ASSESSMENT DATE **September 3, 2026 12:23 UTC**

Current alignment	**86%**
After approved synchronization	**96%**
Conflicts	**2**
Destructive changes	**1**

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Executive summary

Intentflow Reconcile compared the observed network state against the current NetBox source of truth across **7** network devices and **140** managed objects.

Current alignment	**86%**
After approved synchronization	**96%**
Objects assessed	**140**
Safe additions	**6**
Safe changes	**9**
BGP sessions withheld	**2**
Conflicts	**2**
Destructive changes	**1**

NetBox alignment: 86% -> 96% ready to synchronize. The assessment identified **3** items requiring a decision, including **2** conflicts where the live network and NetBox have diverged independently since the previous synchronization. **2** BGP sessions withheld - not reconciled from the evidence available - without blocking the rest of this batch.

Recommended action

Review **2** conflict items and **1** removal before applying the pending reconciliation batch. Every remaining change can be synchronized safely.

Reconciliation plan

Object type	Add	Update	Remove	Conflict	Review	In sync	Aligned
Devices	0	0	0	0	0	7	100%
Interfaces	2	1	0	2	0	41	89%
IP addresses	1	0	1	0	0	24	92%
Prefixes	1	0	0	0	0	9	90%
VLANs	2	3	0	0	0	12	71%
VRFs	0	4	0	0	0	10	71%
FHRP groups	0	0	0	0	0	1	100%
BGP sessions	0	0	0	0	2	6	75%
VXLAN VNIs	0	0	0	0	0	2	100%
Physical links	0	0	0	0	0	3	100%
Inventory	0	1	0	0	0	5	83%

What synchronization will do

A preview of the write operations this batch would perform - nothing here has happened yet. Reconcile never writes to NetBox while producing this report.

If this batch is approved and synchronized:

- **2** interfaces will be created.
- **1** interface will be updated.
- **1** inventory item will be updated.
- **1** IP address will be created.
- **1** prefix will be created.
- **2** VLANs will be created.
- **3** VLANs will be updated.
- **4** VRFs will be updated.
- **2** BGP sessions withheld - not enough evidence to reconcile confidently - will remain untouched, without blocking the rest of this batch.
- **2** items held for review will not be touched - conflicts and first-time-encountered values are never applied automatically.
- **1** object will be removed from NetBox (see Appendix A) - review these before synchronizing.
- **9** existing NetBox values will be updated - only where the current value is confirmed safe to change (see Scope and method); nothing in conflict is ever overwritten automatically.

Scope and method

What was compared, against what, and how conflicts are decided.

What was compared

Source of truth: https://atlas.intentflow.co
Batch: 02-atlas-drift-upload.zip
Uploaded: September 3, 2026 11:25 UTC
Reconciled: September 3, 2026 12:23 UTC

How a field is classified

Reconcile compares three states: the network as observed, NetBox as it stands now, and the values Intentflow itself last wrote. That third state is what separates ordinary network drift from an edit someone made in NetBox directly.

- In sync - the observed value already matches NetBox; nothing to do.
- Changed - the value differs, and NetBox still holds what Intentflow last wrote, so the change can be applied safely.
- Conflict (Drift) - the value differs AND NetBox has changed since the last synchronization. Both sides moved independently, so applying either one would overwrite somebody's deliberate work. These need a human decision.
- Conflict (First encounter) - the value differs and this field has never been synchronized, so there is no baseline to judge against. It may be a value already curated deliberately in NetBox.

- Needs review / Unresolved - the object could not be matched confidently enough to act on without guessing.

What synchronization does

Reconcile never writes to NetBox as part of producing this report. Changes are applied only when synchronization is run, and conflicts are never applied automatically - they wait for an explicit decision.

Assessment results

Where the differences are concentrated, and how much of the network the comparison could see.

Data coverage

A reconciliation result is only as reliable as the network data collected. **Supplied** is how many devices sent each dataset; **parsed** is how many objects Intentflow actually read from it. Those are different questions, and a dataset that was supplied in full but yielded nothing is reported as not parsed rather than as complete. Where a dataset is partial, the commands that would complete it are named.

Dataset	Supplied	Parsed	Status	Notes
Device inventory	5 of 7 devices	7 objects	Partial	To improve, collect: show version
LLDP topology	3 of 7 devices	3 objects	Partial	To improve, collect: show lldp neighbors, show lldp neighbors detail
VLANs	5 of 7 devices	17 objects	Partial	To improve, collect: show vlan, show vlans
Interfaces/IPs	7 of 7 devices	46 objects	Full	
VRFs	5 of 7 devices	14 objects	Partial	To improve, collect: show route instance detail, show running-config
BGP peering	7 of 7 devices	8 objects	Full	
FHRP groups (HSRP)	1 of 7 devices	1 object	Partial	To improve, collect: show hsrp all, show standby
FHRP groups (VRRP)	0 of 7 devices	0 objects	None	To improve, collect: show vrrp brief
Interface details	7 of 7 devices	-	Full	
Inventory	2 of 7 devices	6 objects	Partial	To improve, collect: show inventory
VXLAN/EVPN	1 of 7 devices	2 objects	Partial	To improve, collect: show nve vni

Where a dataset was not collected for a device, Intentflow treats the missing information as not observed, rather than assuming the corresponding NetBox objects should be removed.

Change since the previous reconciliation

Compared against this environment's previous reconciliation.

Metric	Previous	Current
Alignment	13%	86%
Conflicts	0	2
Needs review	2	0

Items requiring a decision

Conflicts, removals, items needing review, and newly discovered devices. Everything else is summarized above and listed in the appendix.

CONFLICT **R-001 atl-dc1-core01 Vlan30**

Field	Observed	NetBox	Last synced	Reason
description	RF-SCANNERS gateway	Curated: scanner gateway	SCANNERS gateway	Drift

CONFLICT **R-002 atl-dc1-leaf01 Ethernet3**

Field	Observed	NetBox	Last synced	Reason
description	Warehouse wireless zone B	Curated: warehouse wireless zone A	Warehouse wireless zone	Drift

REMOVED **R-003 atl-dc1-core01 ip 10.20.40.2/24**

Present in NetBox from a previous synchronization, and no longer observed in the supplied network state. Nothing is removed until you approve this batch.

Field	Observed	NetBox	Last synced	Reason
-	(not in this upload)	atl-dc1-core01 Vlan40	not recorded	not recorded

2 BGP sessions withheld

These sessions are held out of synchronization entirely - neither created nor updated - until they resolve on a future upload or the configuration is confirmed correct as-is.

The local side of each of these sessions was found in the uploaded configuration, but Intentflow could not determine which local interface originates it - so there is nothing yet to compare against NetBox. This is not a matching failure against NetBox; it happens before that step, and does not block synchronizing anything else in this batch.

2 of these: No local AS number was found for this session in the uploaded configuration. Check the device's BGP configuration - the local AS itself did not parse.

Ref	Device	Peer	Remote AS
R-004	atl-hq-edge02	172.16.0.0	65001
R-005	atl-wh1-edge01	172.16.2.0	65020

Appendix A - full object listing

Every object compared, including those already in sync.

Ref	Object	State	Type
	atl-dc1-core01	In sync	Devices
	atl-dc1-core01 loopback0	In sync	Interfaces
	atl-dc1-core01 Ethernet1/1	In sync	Interfaces
	atl-dc1-core01 Ethernet1/2	In sync	Interfaces
R-001	atl-dc1-core01 Vlan30	Conflict	Interfaces
	atl-dc1-core01 Vlan40	In sync	Interfaces
	atl-dc1-core01 Vlan120	New	Interfaces
	atl-dc1-core01 nve1	In sync	Interfaces
	atl-dc1-core01 VLAN 1	In sync	VLANs
	atl-dc1-core01 VLAN 30	Changed	VLANs
	atl-dc1-core01 VLAN 40	In sync	VLANs
	atl-dc1-core01 VLAN 120	New	VLANs
	atl-dc1-core01 VRF CORP	In sync	VRFs
	atl-dc1-core01 VRF PROD	In sync	VRFs
	atl-dc1-core01 BGP peer 172.16.1.1 (AS65101)	In sync	BGP sessions
	atl-dc1-core01 BGP peer 172.16.1.3 (AS65102)	In sync	BGP sessions
	atl-dc1-core01 Chassis	In sync	Inventory
	atl-dc1-core01 Power Supply 1	In sync	Inventory
	atl-dc1-core01 Fan 1	In sync	Inventory
	atl-dc1-core01 VNI 10030 (BD 30)	In sync	VXLAN VNIs
	atl-dc1-core01 VNI 10040 (BD 40)	In sync	VXLAN VNIs
	atl-dc1-core01 prefix 10.20.30.0/24	In sync	Prefixes
	atl-dc1-core01 prefix 10.20.120.0/24	New	Prefixes

Ref	Object	State	Type
	atl-dc1-core01 ip 10.255.1.1/32	In sync	IP addresses
	atl-dc1-core01 ip 172.16.1.0/31	In sync	IP addresses
	atl-dc1-core01 ip 172.16.1.2/31	In sync	IP addresses
	atl-dc1-core01 ip 10.20.30.1/24	In sync	IP addresses
	atl-dc1-core01 ip 10.20.120.1/24	New	IP addresses
R-003	atl-dc1-core01 ip 10.20.40.2/24	Removed	IP addresses
	atl-dc1-core01 Eth1/2 <-> atl-dc1-leaf02 Ethernet47	In sync	Physical links
	atl-dc1-leaf01	In sync	Devices
	atl-dc1-leaf01 Loopback0	In sync	Interfaces
	atl-dc1-leaf01 Ethernet1	In sync	Interfaces
	atl-dc1-leaf01 Ethernet2	In sync	Interfaces
R-002	atl-dc1-leaf01 Ethernet3	Conflict	Interfaces
	atl-dc1-leaf01 Ethernet6	In sync	Interfaces
	atl-dc1-leaf01 Ethernet47	In sync	Interfaces
	atl-dc1-leaf01 Ethernet48	In sync	Interfaces
	atl-dc1-leaf01 Port-Channel10	In sync	Interfaces
	atl-dc1-leaf01 VLAN 1	In sync	VLANs
	atl-dc1-leaf01 VLAN 30	Changed	VLANs
	atl-dc1-leaf01 VLAN 40	In sync	VLANs
	atl-dc1-leaf01 VRF CORP	Changed	VRFs
	atl-dc1-leaf01 VRF PROD	Changed	VRFs
	atl-dc1-leaf01 BGP peer 172.16.1.0 (AS65010)	In sync	BGP sessions
	atl-dc1-leaf01 ip 10.255.1.11/32	In sync	IP addresses
	atl-dc1-leaf01 ip 172.16.1.1/31	In sync	IP addresses
	atl-dc1-leaf02	In sync	Devices
	atl-dc1-leaf02 Ethernet5	New	Interfaces
	atl-dc1-leaf02 Loopback0	In sync	Interfaces
	atl-dc1-leaf02 Ethernet1	In sync	Interfaces
	atl-dc1-leaf02 Ethernet2	In sync	Interfaces
	atl-dc1-leaf02 Ethernet3	Changed	Interfaces

Ref	Object	State	Type
	atl-dc1-leaf02 Ethernet6	In sync	Interfaces
	atl-dc1-leaf02 Ethernet47	In sync	Interfaces
	atl-dc1-leaf02 Ethernet48	In sync	Interfaces
	atl-dc1-leaf02 Port-Channel10	In sync	Interfaces
	atl-dc1-leaf02 VLAN 1	In sync	VLANs
	atl-dc1-leaf02 VLAN 30	Changed	VLANs
	atl-dc1-leaf02 VLAN 40	In sync	VLANs
	atl-dc1-leaf02 VLAN 120	New	VLANs
	atl-dc1-leaf02 VRF CORP	Changed	VRFs
	atl-dc1-leaf02 VRF PROD	Changed	VRFs
	atl-dc1-leaf02 BGP peer 172.16.1.2 (AS65010)	In sync	BGP sessions
	atl-dc1-leaf02 ip 10.255.1.12/32	In sync	IP addresses
	atl-dc1-leaf02 ip 172.16.1.3/31	In sync	IP addresses
	atl-dc2-edge01	In sync	Devices
	atl-dc2-edge01 Loopback0	In sync	Interfaces
	atl-dc2-edge01 GigabitEthernet1/0/1	In sync	Interfaces
	atl-dc2-edge01 GigabitEthernet1/0/2	In sync	Interfaces
	atl-dc2-edge01 Vlan10	In sync	Interfaces
	atl-dc2-edge01 Vlan20	In sync	Interfaces
	atl-dc2-edge01 VLAN 1	In sync	VLANs
	atl-dc2-edge01 VLAN 10	In sync	VLANs
	atl-dc2-edge01 VLAN 20	In sync	VLANs
	atl-dc2-edge01 VRF CORP	In sync	VRFs
	atl-dc2-edge01 VRF PROD	In sync	VRFs
	atl-dc2-edge01 BGP peer 172.16.2.1 (AS65030)	In sync	BGP sessions
	atl-dc2-edge01 prefix 10.30.10.0/24	In sync	Prefixes
	atl-dc2-edge01 prefix 10.30.20.0/24	In sync	Prefixes
	atl-dc2-edge01 ip 10.255.2.1/32	In sync	IP addresses
	atl-dc2-edge01 ip 172.16.2.0/31	In sync	IP addresses
	atl-dc2-edge01 ip 10.30.10.1/24	In sync	IP addresses

Ref	Object	State	Type
	atl-dc2-edge01 ip 10.30.20.1/24	In sync	IP addresses
	atl-dc2-edge01 Gi1/0/1 <-> atl-wh1-edge01 ge-0/0/0	In sync	Physical links
	atl-hq-edge01	In sync	Devices
	atl-hq-edge01 Loopback0	In sync	Interfaces
	atl-hq-edge01 GigabitEthernet1/0/1	In sync	Interfaces
	atl-hq-edge01 GigabitEthernet1/0/2	In sync	Interfaces
	atl-hq-edge01 Vlan10	In sync	Interfaces
	atl-hq-edge01 Vlan20	In sync	Interfaces
	atl-hq-edge01 Port-channel20	In sync	Interfaces
	atl-hq-edge01 GigabitEthernet1/0/3	In sync	Interfaces
	atl-hq-edge01 GigabitEthernet1/0/4	In sync	Interfaces
	atl-hq-edge01 VLAN 1	In sync	VLANs
	atl-hq-edge01 VLAN 10	In sync	VLANs
	atl-hq-edge01 VLAN 20	In sync	VLANs
	atl-hq-edge01 VRF CORP	In sync	VRFs
	atl-hq-edge01 VRF PROD	In sync	VRFs
	atl-hq-edge01 HSRP group 10 (Vlan10)	In sync	FHRP groups
	atl-hq-edge01 BGP peer 172.16.0.1 (AS65002)	In sync	BGP sessions
	atl-hq-edge01 1	In sync	Inventory
	atl-hq-edge01 Power Supply 1	Changed	Inventory
	atl-hq-edge01 Fan Tray 1	In sync	Inventory
	atl-hq-edge01 prefix 10.10.10.0/24	In sync	Prefixes
	atl-hq-edge01 prefix 10.10.20.0/24	In sync	Prefixes
	atl-hq-edge01 ip 10.255.0.11/32	In sync	IP addresses
	atl-hq-edge01 ip 172.16.0.0/31	In sync	IP addresses
	atl-hq-edge01 ip 10.10.10.1/24	In sync	IP addresses
	atl-hq-edge01 ip 10.10.20.1/24	In sync	IP addresses
	atl-hq-edge01 Gi1/0/1 <-> atl-hq-edge02 ge-0/0/0	In sync	Physical links
	atl-hq-edge02	In sync	Devices
	atl-hq-edge02 lo0	In sync	Interfaces

Ref	Object	State	Type
	atl-hq-edge02 ge-0/0/0	In sync	Interfaces
	atl-hq-edge02 ge-0/0/2	In sync	Interfaces
	atl-hq-edge02 ge-0/0/3	In sync	Interfaces
	atl-hq-edge02 ae0	In sync	Interfaces
	atl-hq-edge02 irb	In sync	Interfaces
	atl-hq-edge02 VRF CORP	In sync	VRFs
	atl-hq-edge02 VRF PROD	In sync	VRFs
R-004	atl-hq-edge02 BGP peer 172.16.0.0 (AS65001)	Unresolved	BGP sessions
	atl-hq-edge02 prefix 10.10.10.0/24	In sync	Prefixes
	atl-hq-edge02 prefix 10.10.20.0/24	In sync	Prefixes
	atl-hq-edge02 ip 10.255.0.12/32	In sync	IP addresses
	atl-hq-edge02 ip 172.16.0.1/31	In sync	IP addresses
	atl-hq-edge02 ip 10.10.10.2/24	In sync	IP addresses
	atl-hq-edge02 ip 10.10.20.2/24	In sync	IP addresses
	atl-wh1-edge01	In sync	Devices
	atl-wh1-edge01 lo0	In sync	Interfaces
	atl-wh1-edge01 ge-0/0/0	In sync	Interfaces
	atl-wh1-edge01 irb	In sync	Interfaces
	atl-wh1-edge01 VRF CORP	In sync	VRFs
	atl-wh1-edge01 VRF PROD	In sync	VRFs
R-005	atl-wh1-edge01 BGP peer 172.16.2.0 (AS65020)	Unresolved	BGP sessions
	atl-wh1-edge01 prefix 10.40.30.0/24	In sync	Prefixes
	atl-wh1-edge01 prefix 10.40.40.0/24	In sync	Prefixes
	atl-wh1-edge01 ip 10.255.3.1/32	In sync	IP addresses
	atl-wh1-edge01 ip 172.16.2.1/31	In sync	IP addresses
	atl-wh1-edge01 ip 10.40.30.1/24	In sync	IP addresses
	atl-wh1-edge01 ip 10.40.40.1/24	In sync	IP addresses

Assessment scope

What Reconcile is able to compare, independent of what this particular batch contained.

Platforms analyzed

- Cisco IOS / IOS-XE
- Cisco NX-OS
- Juniper Junos
- Arista EOS

Data assessed

Where the supplying commands were present in the upload:

- devices
- interfaces
- IP addresses
- prefixes
- VLANs
- VRFs
- port channels
- BGP peerings
- first-hop redundancy (HSRP/VRRP)
- physical topology
- inventory items
- VXLAN/EVPN segments

Reconcile reads the network as supplied and NetBox as it stands; it never reaches the live network itself. A change is written to NetBox only when synchronization is run.