

CISCO IWAN ORCHESTRATION USING ANUTA NCX

Cisco IWAN Configuration is very Complex

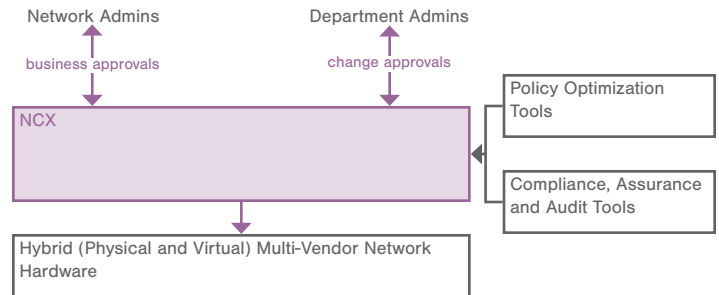
- IWAN has many features (PFR, AVC, NBAR, DMVPN) and can be deployed in multiple modes (HA, Non-HA, Dual Internet, Hybrid).
- Current scripts and tools are prescriptive, do not scale, do not help brownfield migration and use proprietary models.
- Requires 300+ lines of config and multiple weeks to on-board branches.
- Frequent human errors make the network vulnerable.
- So, customers do not realize IWAN benefits.

NCX offers Intent-Driven Orchestration for Cisco IWAN

- Automates configurations for all IWAN features in all deployments.
- Support for IETF YANG standard allows extensibility and full customization.
- Helps on-board hundreds of new and existing branches to IWAN within days.
- Simple GUI deploys network policies to thousands of devices and avoids human errors.
- Supports Zero Touch Deployment, Multi-Tenancy & Config Reconciliation.

NCX Features

- Out of the box service models for IWAN
- Topology and Service Discovery
- Brownfield migration to IWAN
- Multi-vendor Orchestration beyond CPE including LAN, Wireless, Wanop and Security
- Model-driven Service Assurance
- Multiple IWAN domain management
- REST API Integration with 3rd Party Assurance Platforms.
- Headless deployment architecture



NCX Benefits

| | |
|---|--|
| Configures IWAN Services and on-boards new and existing branches within days. | Automates all Network Operations using consistent and best practices |
| Reduces IWAN management OPEX by 70% | Simplifies Troubleshooting, Compliance and Service Assurance. |

Supported Features

- DMVPN tunnels with IPSec/IKEv2
- PFR3,AVC, NBAR2, Routing Protocols
- Hub & Spoke LAN orchestration
- Per Tunnel QoS for Hub and Spokes
- Inbuilt QoS Models- 8/12 class models

Supported Deployments

- IWAN 2.2 for Cisco ISR, ASR1K, CSR
- Physical, Virtual, Hybrid Hub & Spoke
- Single or Dual Spoke with Hybrid WAN
- Hub site & Transit Site with external multicast