

What is Intent?

Intent-based networking (IBN) enables agile, resilient and business-centric networks. It is a paradigm shift that focuses on “what” the network is supposed to do versus “how” the network components are configured. It allows organizations to design, build, verify and operate networks based upon what is intended from a business perspective.

5 Things to know about IBN

1 BUSINESS-ORIENTED INTENT IS PARAMOUNT

IBN always keeps the business goal at its forefront, such as enabling or protecting a service. IBN ensures that the business intent guides all phases of the network design, build, verification and operation.

2 NETWORK AS A SYSTEM

IBN requires the network be designed and operated as an end-to-end system rather than as a mere configuration of individual devices and interfaces. IBN allows network engineers to verify that the entire network is behaving as intended for application availability, segmentation, and compliance.

3 CONTINUOUS VERIFICATION OF INTENT

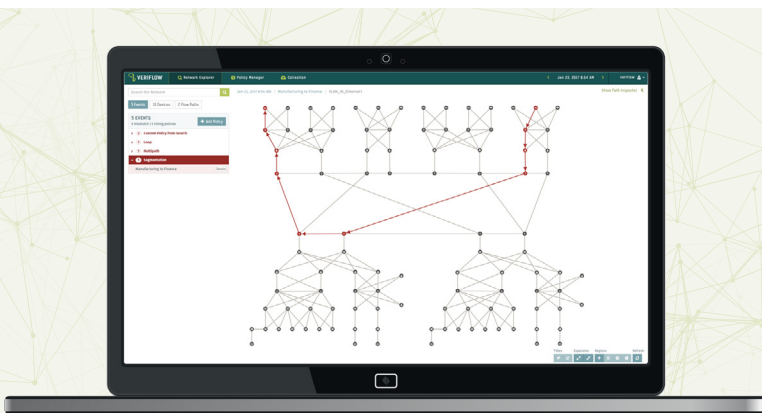
Verification is an important element of IBN, ensuring the realization of the expected network behavior while building and operating networks. IBN enables continuous verification of networks while launching new services and upon every change.

4 TECHNOLOGY AND VENDOR AGNOSTIC

IBN ensures that the intent is realized regardless of the underlying technologies or equipment from various vendors. IBN provides awareness and assurance of such heterogeneous networks in a technology- and vendor-agnostic manner.

5 IBN ENABLES AGILITY AND RESILIENCE

IBN automates the necessary correlation between business and technology in the networking arena, allowing agile and resilient operations.



Can't Wait?

Book a demo and see intent-based networking in action and learn how you can step into IBN without any network disruption in less than a day.

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