Enterprise NFV Open Ecosystem

Yes we're OPEN

Deploy with confidence

Cisco Enterprise Network Functions Virtualization (NFV) allows you to host multiple network functions on a single hardware platform in either branch or data center locations. For example, you might run a router, a firewall, and WAN optimization together, each as a virtual instance. NFV allows your business to realize cost savings through reduced hardware footprint, as well as to bring up or change those services faster than was previously possible. However, these advantages may be fully realized only if you are not restricted to a single vendor; an open approach is needed to maximize the benefit of NFV.

Cisco's open ecosystem approach to NFV allows other vendors to submit their Virtual Network Functions (VNFs) for certification to help ensure compatibility and interoperability with the Cisco Enterprise NFV infrastructure. As a customer deploying Cisco's Enterprise NFV solution with certified VNFs, you can be confident that the solution will successfully deploy, run, and interoperate with Cisco's own suite of VNFs.

Cisco's Enterprise NFV Open Ecosystem helps you:

- Save money and move quickly to solution deployment

- Assure success: Cisco tests each VNF to help ensure that it can be successfully created, deployed, and managed

- Provide confidence to your customers: Cisco's Enterprise NFV Open Ecosystem encourages third-party vendors to certify their VNFs with Cisco as being interoperable with Cisco infrastructure

Next steps

For more information visit:

- Cisco customers: https://www.cisco.com/c/en/us/solutions/enterprise-networks/enterprise-network-functions-virtualization-nfv/index.html
- Partner vendors: https://developer.cisco.com/docs/nfv/

Benefits

- Increase flexibility by deploying Cisco® Enterprise NFV Infrastructure Software (NFVIS) and Cisco and third-party VNFs on Enterprise NFV optimized platforms that fit your branch and business needs
- Embedded plug and play facilitates zero-touch deployment of branch virtualization infrastructure, including VNFs, resulting in reduced OpEx when deploying new branch sites
- Open approach with no vendor lock-in: Use Cisco UCS® servers, Cisco 5000 Series Enterprise Network Compute System, Cisco 4000 Series ISRs with Cisco UCS E-Series Servers, Cisco Cloud Services Platform 2100, or other vendors' x86 enhanced network elements
- Increase deployment velocity, with no need to perform compatibility testing
- Reduce risk and build confidence in NFV deployment