

# Traditional vs. Flexible NetFlow

Flexible NetFlow is an extension of NetFlow v9. It provides additional functionality that allows you to export more information using the same NetFlow v9 datagram. Some Cisco devices support only Traditional NetFlow (TNF), while others support Flexible NetFlow (FNF) or both TNF and FNF.

Device	NetFlow (TNF/FNF)
Cisco ISR G1	TNF and FNF
Cisco ISR G2	TNF and FNF
Cisco 7200/7300	FNF
Cisco ASR1000	TNF and FNF
Cisco ASR9000	FNF
Cisco 4500 and 4500X with Sup 7	FNF
Cisco 6500 with SUP2T	FNF
Cisco 6500 with Sup 32 and Sup 720	TNF
Cisco 7600	TNF
Cisco C3KX-SM-10G	FNF
Cisco 10000	TNF
Cisco XR12000 / 12000 Series Routers	FNF
Cisco CRS-1	FNF
Cisco Nexus 7000	FNF
Cisco Nexus 1000V	FNF

Here are some of Flexible NetFlow benefits:

- Flexibility and scalability of flow data beyond traditional NetFlow
- Customized traffic identification
- Ability to focus and monitor specific network behavior
- Ability to monitor a wider range of packet information, producing new information about network behavior
- Enhanced network anomaly and security detection
- Convergence of multiple accounting technologies into one accounting mechanism

Figure below shows difference in a set of commands in TNF and FNF:

