Feature History

The following table lists the new and modified features supported in the IP Addressing Configuration Guide in Cisco IOS XE 17 releases, on Cisco NCS 520 Series Ethernet Access Device.

Feature	Description
Cisco IOS XE Amsterdam 17.3.1	
DHCP Snooping	The Dynamic Host Configuration Protocol (DHCP) Snooping is a DHCP security feature that provides network securityby filtering untrusted DHCP messages and by building and maintaining a DHCP Snooping binding database, DHCP snooping acts like a firewall between untrusted hosts and DHCP servers.DHCP Snooping is used to differentiate untrusted interfaces connected to the end user and trusted interfaces connected to the DHCP server or another router. This feature is supported on the Cisco NCS 520 Router
Dynamic ARP Inspection	The dynamic Address Resolution Protocol (ARP) provides IP communication within a Layer 2 broadcast domain by mapping an IP address to a MAC address. Dynamic ARP inspection also determines the validity of an ARP packet based on valid IP-to-MAC address bindings stored in a trusted database, such as the DHCP Snooping binding database. This feature is supported on the Cisco NCS 520 Router