Feature History for Cisco DNA Service for Bonjour

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The following table provides release information about the feature or features described in this module. This table lists only the software release that introduced support for a given feature in a given software release train. Unless noted otherwise, subsequent releases of that software release train also support that feature.

Release	Modification
Cisco IOS 15.2(6) E2	Cisco DNA Service for Local Area Bonjour and Wide Area Bonjour (Multicast DNS Mode only), was introduced on the following platforms: • Cisco Catalyst 2960-X Series Switches • Cisco Catalyst 2960-XR Series Switches
Cisco IOS 15.5(1)SY4	Cisco DNA Service for Local Area Bonjour and Wide Area Bonjour (Multicast DNS Mode only) was introduced on Cisco Catalyst 6800 Series Switches.
Cisco IOS XE 3.11.0 E	Cisco DNA Service for Local Area Bonjour and Wide Area Bonjour (Multicast DNS Mode only) was introduced on the following platforms: • Cisco Catalyst 4500-E Series Switches • Cisco Catalyst 4500-X Series Switches

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Release	Modification
Cisco IOS XE Gibraltar 16.11.1	Cisco DNA Service for Local Area Bonjour and Wide Area Bonjour (Multicast DNS Mode only) was introduced on the following platforms: • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 Series Switches • Cisco Catalyst 9500 Series Switches - High Performance • Cisco Catalyst 9600 Series Switches • Cisco Catalyst 9800 Series Wireless Controllers • Cisco 5500 Series Wireless Controllers • Cisco 8540 Wireless Controllers • Cisco 4000 Series Integrated Services Routers (ISR)
Cisco IOS XE Amsterdam 17.1.1	Cisco DNA Service for Local Area Bonjour was introduced on Cisco Catalyst 9200 Series Switches.
Cisco IOS XE Amsterdam 17.2.1	Introduced Cisco DNA Service for Bonjour support for the following: • SD-Access network • Unicast mode for LAN network
Cisco IOS XE Amsterdam 17.3.2a	Introduced Cisco DNA Service for Bonjour support for the following: • Multilayer networks • Location grouping in wired networks • mDNS AP group in wireless networks

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Cisco IOS XE Bengaluru 17.6.1	Introduced support for the following features for Local Area Bonjour in Unicast Mode for LAN networks: • HSRP-aware mDNS Service-Routing • mDNS Service-Gateway SSO Support • Default mDNS Service-list and policy support. The following commands have been modified: • **active-query timer**: Global configuration mode support is introduced. • **active-query timer**: Second-based configuration support is replaced with minute-based global timer setting support. • **service-mdns-query** : Global configuration mode support is introduced
Cisco IOS XE Bengaluru 17.6.2	Configuration of Cisco Wide Area Bonjour requires you to configure the Cisco Catalyst Series switch in SDG Agent mode and optionally build a custom service policy in Wide Area Bonjour application of Cisco DNA Center. If you do not build a custom service policy, then the default service policy is build into the Wide Area Bonjour application. The following commands are modified: • **mdns-sd controller service-list** *controller-service-list-name* • **match** {**all**|*service-definition-name* [**message-type** {**any**| **announcement**|**query**}] [**source-interface** {*mDNS-VLAN-number* | *mDNS-VLAN-range*}] } • **mdns-sd controller service-policy** *controller-service-policy-name* • **service-list** *controller-service-list-name* • **controller-service-policy** *controller-service-policy-name*

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Cisco IOS XE Cupertino 17.7.1	This feature was implemented on supervisor modules C9400X-SUP-2 and C9400X-SUP-2XL, which were introduced in this release.
Cisco IOS XE Cupertino 17.9.1	The following commands are introduced in the **mdns-sd gateway** command: • **active-response timer** • **service-receiver purge** • **query-response mode** • **service-record ttl** The **invalid** keyword is introduced in the **show mdns-sd cache** command.
Cisco IOS XE Dublin 17.10.1	Cisco DNA Service for Wide Area Bonjour (Multicast DNS Mode only) and Local Area Bonjour in Unicast Mode for Multi-Layer Network and Routed Access Network was introduced on C9500X-28C8D model of Cisco Catalyst 9500 Series Switches, and Cisco Catalyst 9600 Series Supervisor 2 Module (C9600X-SUP-2).
Cisco IOS XE Dublin 17.11.1	Use the **mdns-sd gateway** command instead of **service-routing mdns-sd** command to configure mDNS on the device. The command **service-routing mdns-sd** will be deprecated.
	Cisco DNA Service for Local Area Bonjour in Unicast Mode was introduced on Cisco Catalyst 9200 Series Switches and Cisco Catalyst 9200CX Compact Switches.
Cisco IOS XE Dublin 17.12.1	Cisco DNA Service for Wide Area Bonjour was introduced on Cisco Catalyst 9200 Series Switches, Cisco Catalyst 9200L Series Switches, and Cisco Catalyst 9200CX Compact Switches.

Release	Modification
Cisco IOS XE 17.13.1	The command **service-routing mdns-sd** is deprecated from this release onwards. Use the **mdns-sd gateway** command instead.
	A new service definition, apple air-drop, is introduced.
	Service types, multifunction-printer and home sharing, are removed from the default service list.

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