Cisco Internetwork Operating System (IOS)

Return to Operating Systems

Cisco Internetwork Operating System (IOS) is a family of network operating systems used on many Cisco Systems routers and current Cisco network switches. Earlier, Cisco switches ran CatOS. IOS is a package of routing, switching, internetworking and telecommunications functions integrated into a multitasking operating system. Although the IOS code base includes a cooperative multitasking kernel, most IOS features have been ported to other kernels such as QNX and Linux for use in Cisco products.

Not all Cisco products run IOS. Notable exceptions include ASA security products, which run a Linux-derived operating system, carrier routers which run IOS-XR and Cisco's Nexus switch and FC switch products which run Cisco NX-OS.

Source: https://en.wikipedia.org/wiki/Cisco_IOS

Datasheet	
Developer	Cisco Systems
Written in	
OS family	
Working state	Current
Source model	Closed Source
Initial release	
Latest release	15.8(3)M[1] / January 22, 2019
Available in	
Platforms	The majority of Cisco routers and current Cisco switches
Kernel type	
Default user interface	Command-line interface (CLI)
License	
Official Website	http://www.cisco.com/en/US/products/ps6537/products_ios_sub_category_home.html

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