

Benefits of Migrating to Cisco® Catalyst® 3850 and 3650 Switches



Feature Comparison

Trends	Features	Previous Access Switches			Latest Unified Access Switches	Benefits
		Cisco Catalyst 3560-X	Cisco Catalyst 3750-G (EoS)	Cisco Catalyst 3750-X	Cisco Catalyst 3850/3650	
Scale/ performance	Bandwidth per stack	No stacking	32 Gbps	64 Gbps	480 Gbps (3850) 160 Gbps (3650)	Support gigabit access growth for wired and wireless/802.11ac
	10 GE ¹ uplinks	2x10GE	4x1 GE	2x10 GE	4x10 GE or 2x10 GE	
BYOD/mobility	Integrated wireless LAN controller	N/A	N/A	N/A	✓	Enable converged wired-wireless access for operational simplicity and scale
	Common wired-wireless features	N/A	N/A	N/A	✓	
	UADP ² ASIC for wired-wireless convergence	N/A	N/A	N/A	✓	
	Application visibility across wired-wireless	N/A	N/A	N/A	✓	
	Hierarchical wireless QoS	N/A	N/A	N/A	✓	
Advanced security	Native Flexible NetFlow	N/A	N/A	N/A	✓	Orchestrate role based access to corporate resources by an user, with any device, from any location at any time
	Cisco TrustSec/SGT ³ for wired	✓	N/A	✓	✓	
	Cisco TrustSec/SGT for wireless	N/A	N/A	N/A	✓	
	Native MACsec encryption	Need service module	N/A	Need service module	✓	
Simplicity and SDN	Common features for wired-wireless	N/A	N/A	N/A	✓	Simplicity and business agility
	SmartOperations	✓	N/A	✓	✓	
	SDN ⁴ /programmability: • Cisco onePK ready • OpenFlow ready	N/A	N/A	N/A	✓	
		N/A	N/A	N/A	✓	
Other	Video/collaboration • Medianet	✓	N/A	✓	✓	Uncompromised user experience: assess, monitor, and troubleshoot network proactively

Cisco Catalyst 3850 offers higher AP support, modular uplinks and StackPower in addition to Cisco Catalyst 3650 features.

¹ GE - Gigabit Ethernet

² UADP ASIC - Unified Access Data Plane ASIC

³ SGT - Security Group Tag

⁴ SDN - Software Defined Networking