


Guide to Upgrade Cisco Access and Backbone Switch							
How to identify the right Cisco switch for your needs? When you're upgrading an old one, just read check a few simple questions and get your results.							
1. Are you purchasing a new switch or upgrading an old one?	2. What's the purpose of the new switch?	3. Which Cisco switch are you upgrading?	4. What are your connectivity needs?	5. What type of switch do you prefer?		Baseline Switch	Full-Featured Switch
→Upgrade	→Access	Cisco Catalyst 2900XL (EoL & EoS)	—	—		Cisco Catalyst 2960-X Series	Cisco Catalyst 3650 Series Cisco Catalyst 9300 Series* ¹
		Cisco Catalyst 2948-G (EoL & EoS)				Cisco Catalyst 2960-CX Series	Cisco Catalyst 9300 Series* ¹ Cisco Catalyst 3560-CX Series
		Cisco Catalyst 2950 (any) (EoL & EoS)					
		Cisco Catalyst 2960-C (EoL & EoS)				Cisco Catalyst 2960-X Series	Cisco Catalyst 3650 Series Cisco Catalyst 9300 Series* ¹
		Cisco Catalyst 2960 (any) (EoL & EoS)				Cisco Catalyst 3650 Series	Cisco Catalyst 9300 Series* ¹ Cisco Catalyst 3850 Series
		Cisco Catalyst 2970 (EoL & EoS)				Cisco Catalyst 3560-CX Series	—
		Cisco Catalyst 3500XL (EoL & EoS)				Cisco Catalyst 3650 Series	Cisco Catalyst 9300 Series* ¹ Cisco Catalyst 3850 Series
		Cisco Catalyst 3500 (any) (EoL & EoS)				Cisco Catalyst 3650 Series	Cisco Catalyst 9300 Series* ¹
		Cisco Catalyst 3560-C (EoL & EoS)				Cisco Catalyst 3850 Series	Cisco Catalyst 9300 Series* ¹
		Cisco Catalyst 3560 (any) (EoL & EoS)				Cisco Catalyst 4500E (Supervisor 8L-E)	Cisco Catalyst 9400 Series* ²
		Cisco Catalyst 3750 (any) (EoL & EoS)				Cisco Nexus 7000 Series (Recommended Product)	Cisco Nexus 9500 Series (Alternative Product)
		Cisco Catalyst 4500 non-E (EoL & EoS)				Cisco Catalyst 6500-E (Supervisor 2T)	Cisco Catalyst 9500 Series* ³ Cisco Catalyst 6807-XL (Supervisor 6T)
		Cisco Catalyst 4500 without Supervisor 7L-E or 8-E (any) (EoL & EoS)				Cisco Catalyst 4500E (Supervisor 8-E)	Cisco Catalyst 9400 Series* ²
		Cisco Catalyst 6500 (any) (EoL & EoS)				Cisco Nexus 7000 Series (Recommended Product)	Cisco Nexus 9500 Series (Alternative Product)
	→Backbone	Cisco Catalyst 6500 non-E	High Density (10/40/100 Gbps)	—		Cisco Catalyst 6500-E (Supervisor 2T)	Cisco Catalyst 9400 Series* ²
		Cisco Catalyst 6500-E without Supervisor 2T	Medium Density (1/10/40 Gbps)			Cisco Catalyst 6500-E (Supervisor 2T)	Cisco Catalyst 9400 Series* ²
			Medium Density (1/10 Gbps)			Cisco Catalyst 4500E (Supervisor 8-E)	Cisco Catalyst 9400 Series* ²
			Cisco Catalyst 6500-E without Supervisor 2T	High Density (10/40/100 Gbps)		—	Cisco Nexus 7000 Series (Recommended Product)
		Medium Density (1/10/40 Gbps)		Cisco Catalyst 3850 10G Fiber			Cisco Catalyst 9500 Series* ³ Cisco Catalyst 3850 Fiber
		Medium Density (1/10 Gbps)		Cisco Catalyst 6500-E (Supervisor 2T)			Cisco Catalyst 9400 Series* ²
		Other Backbone Switches (e.g., Catalyst 3750, Cisco Catalyst 45xx)	High Density (10/40/100 Gbps)	Standalone			Cisco Catalyst 3850 Fiber
Note	*1. Cat9300: Advantages Over Baseline Switch: · 2x stacking bandwidth (960 Gbps) · 2.5 G and mGig · Encrypted Traffic Analytics · x86 CPU for containers	*2. Cat9400: Advantages Over Baseline Switch: · Cisco DNA Center and SD-Access · 2.5 G and Multigigabit Ethernet · Enhanced security · Built-in wireless controller · up to 9Tbps bandwidth capacity · Support for ISSU in 7 and 10-slot chassis · Enhanced Limited Lifetime Warranty (E-LLW)	Medium Density (1/10 Gbps)	Standalone			
				Modular			
			Standalone				
				*3. Standalone Advantages Over Baseline Switch: · 2x the capacity with 960Gbps total bandwidth · 48 x mGig and 2 x 40-Gbps uplinks · Encrypted Traffic Analytics			

Looking for other types of switches?
View more brand network switches, [Cisco Campus / Data Center Switches](#), [HPE / Aruba / Data Center / ProCurve Switches](#), [Huawei Campus Switches / 5700 / 5720, 2700 / 3700 Switches](#), etc.

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[Mapping between Catalyst 3850, Catalyst 4500E/4500X, Catalyst 6800 and Catalyst 9000](#)
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