Cisco's New Switch Selection Decision 2021-22

Backbone or Access?
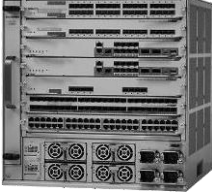
High Density (1/10/40 Gbps) or Low Density (1/10Gbps)? Campus, Branch or Carpeted Area?

Modular or Stackable? Advanced or basic? And SDA? The following Cisco's New Switch Selection Decision 2018 will tell help you find the right Cisco switch to meet your needs. Let's check it.

Cisco's New Switch Selection Decision Tree

Backbone

- **High Density (1/10/40 Gbps)**
  - **Modular** → SDA
    - Yes → N7700 / M3 + DNA-A
    - No → N7700 / F3
  - **Standalone** → SDA
    - Yes → Catalyst 9500 + DNA-A
    - No → Catalyst 9500 / 4500-X
- **Low Density (1/10 Gbps)**
  - **Modular** → SDA
    - Yes → Catalyst 6800 / 9400 + DNA-A
    - No → Catalyst 6800 / 9400
  - **Standalone** → SDA
    - Yes → Catalyst 9500 / 3850 + DNA-A
    - No → Catalyst 9500 / 3850 / 4500-X

Access

- **Campus**
  - **Modular** → SDA
    - Yes → 4500-E SUP8 / 9 Catalyst 9400 + DNA-A
    - No → SUP8-L
  - **Stackable** → SDA
    - Yes → Catalyst 3650/3850/ 9300 + DNA-A
    - No → Catalyst 2960-X / 3650 / 3850 / 9300
- **Branch**
  - **Modular** → SDA
    - Yes → SUP8 / 9 Catalyst 9400 + DNA-A
    - No → SUP8-L
  - **Stackable**
    - Yes → SDA
      - Yes → Catalyst 3650/3850/ 9300 + DNA-A
      - No → Catalyst 2960-X / 3650 / 3850 / 9300
    - No → Catalyst 2960-L
- **Carpeted Area**
  - **Advanced** → Catalyst 3560-CX
  - **Based** → Catalyst 2960-CX

	NO SDA	SDA	
Core	**Cisco Catalyst 4500-X Series**	**Cisco Catalyst 6800 Series** **Cisco Catalyst 9500 Series**	Cisco Nexus 7700 Series
Core / Access		**Cisco Catalyst 3850 Series** (mGig) Cisco Catalyst 4500E Series (mGig)	**Cisco Catalyst 9400 Series** (mGig)
Access	**Cisco Catalyst 2960-X/XR Series** **Cisco Catalyst 2960-L Series** **Cisco Catalyst 2960-Plus Series**	**Cisco Catalyst 3650 Series** (mGig)	**Cisco Catalyst 9300 Series** (mGig)
Compact	**Cisco Catalyst 2960-CX Series** **Cisco Catalyst 3560-CX Series** (mGig)		

* Will be supported as Extended nodes in the future.

More Related:

Guide to Upgrade Cisco Access and Backbone Switch

Selecting Cisco Switches-Campus, Branch, Digital Building

Find the Right 3650 and 3850 Models

Cisco Catalyst 2960/2960-SF/2960-S Series Transition Guide

Cisco SMB Switches Transition Guide

Shop by

1 **Trendy Cisco Switches:**

Cisco SMB Switches/250 Series, 350X Series, 550X Series, Cisco Meraki MS Series Switches, Cisco 2960X, Cisco 2960S, Cisco 2960+, Cisco 2960XR, Cisco 2960L, Cisco Catalyst 3650, Cisco Catalyst 3850, Cisco Catalyst 9300, Cisco Catalyst 9400, Cisco Catalyst 9500

2 **Top Huawei Switches:**

S5700-LI Series, S5700-SI Series, S5700-EI Series, S5700-HI Series, S5720-LI Series, S5720-SI Series, S5720-EI Series, S5720-HI Series

3 **Popular HPE Switches:**

Aruba Switches/Aruba 2530 Switch Series/Aruba 2920 Switch Series/Aruba 2930F Switch Series/Aruba 3810 Switch Series/Aruba 5400R zl2 Switch Series, HPE Data Center Switches, HPE ProCurve Switches