









	Architecture	CP approach	Switching time	CP latency	Scalability (# of ToR)
cs-	Helios [3]	Centralized	~ 10 ms	O(ms)	256
	0SA [4]	Centralized	~ 10 ms	i i O(ms)	256
	C-Trough [5]	Centralized	~ 10 ms	O(ms)	256
	Mordia [6]	Centralized	~ 11.5 µs	O(ms)	88
τs –	RotorNet [7]	<b>Distributed</b>	~ 20 µs	~1 ms	2,048
	<u>HOLST [8]</u>	Centralized/Distributed	(O)ms/~ 10ns	O(ms)/O(ns)	x
ps-{	All-Optical TOKEN [9]	<b>Distributed</b>	O(ns)	O(ns)	4,096
	11	::	11	11	::
	OPS Square [10]	<b>Distributed</b>	~ 10 ns	~ 20 ns	4,096
	Flex HALL [11]	Centralized	O(µs)	O(ms)	2,592
	11	::	11	11	::
	[12]	Centralized	O(µs)	O(ms)	х
OCS: ( [3]] [4]]  [7] [7] [7] [10] [11]	Optical Circuit Switching; V. Farrington et al., "Helios: A Hybrid Elec K. Chen et al., "OSA: An Optical Switching W. M. Mellette et al., "RotorNet: A Scalabl Projetti et al., "An All-Optical Token Techn F. Yan et al., "OPSquare: A Fial DOCN An Z. Cao, R. Protetti et al., "Experimental Z	COTS: Optical Time-Slot Switch trical/Optical Switch Architecture for Modular Data architecture for Data Center Networks With Unp e, Low-complexity, Optical Datacenter Network," ique Enabling a Fully-Distributed Control Plane in chitecture Based on Flow-Controlled Optical Pack emonstration of Dynamic Flexible Bandwidth Opt	hing; OPS: Optical Pac Centers," SIGCOMM 2010, New Dell recedented Flexibility," IEEE Transact SIGCOMM 2017, Los Angeles, CA, US AWGR-Based Optical Interconnects" et Switches," OSA JOCN, 2017 et Data Center Network with All-to-Al	ket Switching; OR: ni, India. ons on Networking, 2014 SA JEEE/OSA JLT, 2013 I Interconnectivity " ECOC, 2014	Optical Reconfiguration





















