



What TCP ports are required for SnapMirror Active Sync (SM-as) ?

https://kb.netapp.com/on-prem/ontap/da/SAN/SAN-KBs/What_TCP_ports_are_required_for_SnapMirro...

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Applies to

- ONTAP SAN
- SM-as Automated failover Duplex
- SnapMirror Active Sync (SM-as)

Answer

[SnapMirror between the Cluster nodes via the inter cluster/peer link](#)

Port/services	Source	Direction	Destination	Purpose
3260 (TCP)	node intercluster	both	node	iSCSI used for LUN Consensus

				intercluster	
11104 (TCP) and 11105 (TCP)	node intercluster	both	node intercluster	Intercluster communication sessions SnapMirror data transfer	
443 (TCP/HTTPS)	node intercluster	both	node intercluster	Management traffic (intercluster LIFs)	
10000 (TCP)	node-mgmt/ cluster LIFs	both	Optional	used for communication with Active IQ Unified	

[Mediator ports required between the mediator and cluster nodes](#)

Port/ services	Source	Direction	Destination	Purpose
22/tcp	Management host	Inbound	ONTAP Mediator	SSH / ONTAP Mediator management
31784/ tcp	cluster- mgmt	Inbound	ONTAP Mediator web server	REST API (HTTPS)
31784/ tcp	node-mgmt LIFs	Inbound	ONTAP Mediator web server	ONTAP Mediator service (essential for Active Sync quorum)
3260/tcp	node-mgmt LIFs	Inbound	ONTAP Mediator iSCSI targets	iSCSI data connection for mailboxes

Additional Information