



What is the relation between firewall policy and service-policy

https://kb-stage.netapp.com/on-prem/ontap/da/NAS/NAS-KBs/What_is_the_relation_between_firewall_...

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Applies to

ONTAP 9.5 and higher

Answer

- In ONTAP, firewall settings contain rules which limit what service ports can be contacted, and from which client IP addresses they may be contacted
 - These are controlled by either firewall-policy, or service-policy
 - Firewall policies are used to control which LIFs can be used for HTTP, Telnet, NDMP, NDMPS, RSH, DNS, and SNMP access
 - [system services firewall policy create](#)
 - Service policies are used to control which LIFs can be used for HTTPS, SSH, iSCSI, NFS, CIFS, FlexCache, and S3 access

- [network interface service-policy create](#)
- Starting with ONTAP 9.5, service policy settings were introduced with the `network interface service-policy` command tree

In ONTAP 9.5, service policies can only be used to configure a limited number of services

- Starting with ONTAP 9.6, you can assign service policies, instead of LIF roles, to LIFs that determine the kind of traffic that is supported for the LIFs
 - Service policies define a collection of network services supported by a LIF

Starting with ONTAP 9.6, LIF roles are deprecated and service policies are supported for all types of services

Additional Information

- [LIF roles in ONTAP 9.5 and earlier](#)
- [LIFs and service policies in ONTAP 9.6 and later](#)