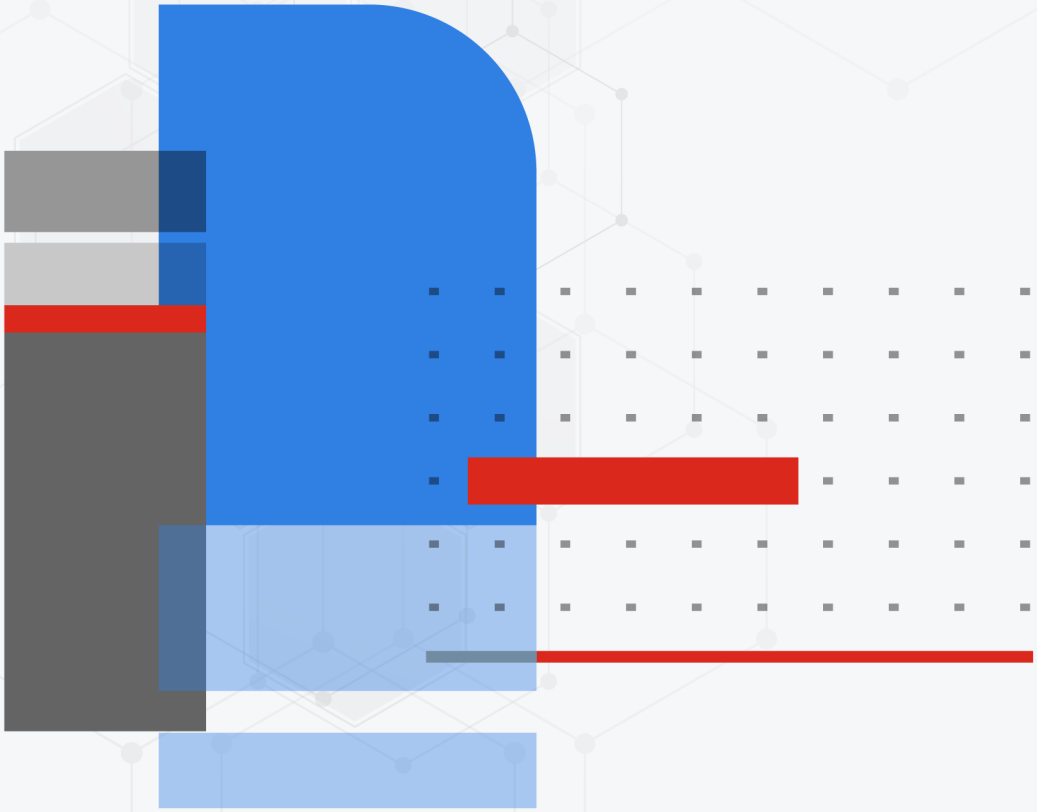
Ports

FortiProxy 7.4



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August 2, 2023
FortiProxy 7.4 Ports
45-740-935601-20230802

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Change Log

Date	Change Description
2023-07-24	Initial release

Incoming ports

	Purpose	Protocol/Port
FortiAuthenticator	Policy Authentication through Captive Portal	TCP/1000
	RADIUS disconnect	TCP/1700
FortiClient	Remote IPsec VPN access	UDP/IKE 500, ESP (IP 50), NAT-T 4500
	Remote SSL VPN access	TCP/443
	SSO Mobility Agent, FSSO	TCP/8001
	Compliance and Security Fabric	TCP/8013 (by default; this port can be customized)
FortiProxy	HA Heartbeat	ETH Layer 0x8890, 0x8891, and 0x8893
	HA Synchronization	TCP/703, UDP/703
	Unicast Heartbeat for Azure	UDP/730
	DNS for Azure	UDP/53
	WAN optimization tunnels	TCP/7810
FortiGuard	Management	TCP/541
	AV/IPS	UDP/9443
FortiManager	AV/IPS Push	UDP/9443
	IPv4 FGFM management	TCP/541
	IPv6 FGFM management	TCP/542
3rd-Party Servers	FSSO	TCP/8001 (by default; this port can be customized)
Others	Web Admin	TCP/80, TCP/443
	Policy Override Authentication	TCP/443, TCP/8008, TCP/8010
	Policy Override Keepalive	TCP/1000, TCP/1003
	SSL VPN	TCP/443

Outgoing ports

	Purpose	Protocol/Port
FortiAnalyzer	Syslog, OFTP, Registration, Quarantine, Log & Report	TCP/514
FortiAuthenticator	LDAP, PKI Authentication	TCP or UDP/389
	RADIUS	UDP/1812
	FSSO	TCP/8000
	RADIUS Accounting	UDP/1813
	SCEP	TCP/80, TCP/443
	CRL Download	TCP/80
	External Captive Portal	TCP/443
FortiProxy	HA Heartbeat	ETH Layer 0x8890, 0x8891, and 0x8893
	HA Synchronization	TCP/703, UDP/703
	Unicast Heartbeat for Azure	UDP/730
	DNS for Azure	UDP/53
	WAN optimization tunnels	TCP/7810
FortiGuard	AV/IPS Update	TCP/443, TCP/8890
	Cloud App DB	TCP/9582
	FortiGuard Queries	UDP/53, UDP/8888, TCP/53, TCP/8888, TCP/443 (as part of Anycast servers)
	SDNS queries for DNS Filter	UDP/53, TCP/853 (as part of Anycast servers)
	Registration	TCP/80
	Alert Email, Virus Sample	TCP/25
	Management, Firmware, SMS, FTM, Licensing, Policy Override	TCP/443
	Central Management, Analysis	TCP/541

	Purpose	Protocol/Port
FortiManager	IPv4 FGFM management	TCP/541
	IPv6 FGFM management	TCP/542
	Log & Report	TCP or UDP/514
	FortiGuard Queries	UDP/53, UDP/8888, TCP/80, TCP/8888
FortiSandbox	OFTP	TCP/514
Others	FSSO	TCP/8001 (by default; this port can be customized)

While a proxy is configured, FortiProxy uses the following URLs to access the FortiGuard Distribution Network (FDN):

- update.fortiguard.net
- service.fortiguard.net
- support.fortinet.com

www.fortinet.com

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