

# Firewall: Rules



Floating

WAN

LAN

OPT1

	ID	Proto	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	
<input type="checkbox"/>		IPv4 ICMP	10.0.40.0/24	*	<u>MGMT Workstations</u>	*	*	none		Allow ICMP back to MGMT Workstations	
<input type="checkbox"/>		IPv4 ICMP	10.0.40.0/24	*	<u>MGMT Workstations</u>	*	*	none		Block ICMP back to Anything Else	
<input type="checkbox"/>		IPv4 TCP	10.0.40.10	80 (HTTP)	*	*	*	none		Allow DMZ Web HTTP to Anywhere	
<input type="checkbox"/>		IPv4 TCP	10.0.40.10	443 (HTTPS)	*	*	*	none		Allow DMZ Web HTTPS to Anywhere	
<input type="checkbox"/>		IPv4 UDP	10.0.40.20	53 (DNS)	*	*	*	none		Allow DMZ DNS to Anywhere	
<input type="checkbox"/>		IPv4 TCP	10.0.40.10	*	10.0.20.30	5889	*	none		Allow DMZ Web to Transaction DB Server	
<input type="checkbox"/>		IPv4 TCP/UDP	*	*	*	*	*	none		Deny All	

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Floating WAN LAN OPT1

	ID	Proto	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	
		*	*	*	LAN Address	80	*	*		Anti-Lockout Rule	
		IPv4 ICMP	<u>MGMT Workstations</u>	*	*	*	*	none		Allow ICMP from MGMT to Anywhere	
		IPv4 ICMP	<u>MGMT Workstations</u>	*	*	*	*	none		Deny ICMP from everywhere else	
		IPv4 TCP	10.0.10.30	*	27.18.160.120	80 (HTTP)	*	none		Allow Log Server to send Backups	
		IPv4 TCP	*	*	10.0.40.10	80 (HTTP)	*	none		Allow LAN to DMZ Web HTTP	
		IPv4 TCP	*	*	10.0.40.10	443 (HTTPS)	*	none		Allow LAN to DMZ Web HTTPS	
		IPv4 TCP	<u>MGMT Workstations</u>	*	*	443 (HTTPS)	*	none		Allow HTTPS from MGMT to Internet	
		IPv4 TCP	10.0.30.0/24	*	*	443 (HTTPS)	*	none		Allow HTTPS from USERS to Internet	
		IPv4 UDP	<u>MGMT Workstations</u>	*	8.8.8.8	53 (DNS)	*	none		Allow DNS from MGMT to Internet	
		IPv4 UDP	10.0.30.0/24	*	8.8.8.8	53 (DNS)	*	none		Allow DNS from USERS to Internet	
		IPv4 TCP	10.0.20.50	25 (SMTP)	*	*	*	none		Allow SMTP Out	
		IPv4 TCP	10.0.20.30	5889	10.0.40.10	*	*	none		Allow Transaction DB Server to Update DMZ Web	
		IPv4 TCP/UDP	*	*	*	*	*	none		Deny All	

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Floating WAN LAN OPT1

	ID	Proto	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	
		*	RFC 1918 networks	*	*	*	*	*		Block private networks	
		*	Reserved/not assigned by IANA	*	*	*	*	*	*	Block bogon networks	
		IPv4 TCP	*	443 (HTTPS)	<u>MGMT Workstations</u>	*	*	none		Allow HTTPS to MGMT	
		IPv4 TCP	*	443 (HTTPS)	10.0.30.0/24	*	*	none		Allow HTTPS to USERS	
		IPv4 UDP	8.8.8.8	53 (DNS)	<u>MGMT Workstations</u>	*	*	none		Allow DNS to MGMT	
		IPv4 UDP	8.8.8.8	53 (DNS)	10.0.30.0/24	*	*	none		Allow DNS to USERS	
		IPv4 TCP	27.18.160.120	80 (HTTP)	10.0.10.30	*	*	none		Allow Log Backup back to Log Server	
		IPv4 ICMP <u>echorep</u>	*	*	<u>MGMT Workstations</u>	*	*	none		Allow Echo Replies back to MGMT Workstations	
		IPv4 ICMP	*	*	<u>MGMT Workstations</u>	*	*	none		Block ICMP Inbound except Echo Replies to MGMT WS	
		IPv4 TCP	*	*	10.0.40.10	80 (HTTP)	*	none		Allow Internet to DMZ Web HTTP	
		IPv4 TCP	*	*	10.0.40.10	443 (HTTPS)	*	none		Allow Internet to DMZ Web HTTPS	
		IPv4 UDP	*	*	10.0.40.20	53 (DNS)	*	none		Allow Internet to DMZ DNS	
		IPv4 TCP	*	*	10.0.20.50	25 (SMTP)	*	none		Allow SMTP to Email Server	
		IPv4 TCP/UDP	*	*	*	*	*	none		Deny All	