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Rules

Country Blo...

Country Blockin...

ICMP

Advanced

Global ICMP Settings

- ☒ Allow ICMP on gateway
- ☒ Allow ICMP through gateway
- ☐ Allow ICMP through Gateway from external networks
- ☐ Log ICMP redirects

These settings define how the system handles ICMP packets. **Allow ICMP on Gateway** will make the system respond with ICMP messages. **Allow ICMP through Gateway** will make the system forward ICMP traffic if originating from an internal network. This will not work in **Bridge Mode** (see online help for more information). When **Log ICMP redirects** is enabled, the firewall log will have entries for ICMP redirects the system receives.

✓ Apply

Ping Settings

- ☒ Gateway is ping visible
- ☒ Ping from gateway
- ☐ Gateway forwards pings

These settings define how the system handles ICMP packets of type 'Ping'. You can enable ping visibility, forwarding and pinging from the gateway itself. In **Bridge Mode** using **Gateway forwards Pings** will not work (see online help for more information).

✓ Apply

Traceroute Settings

- ☐ Gateway is traceroute visible
- ☐ Gateway forwards traceroute

These settings define how the system handles traceroute packets. You can enable traceroute visibility, forwarding and traceroute from the gateway itself. In **Bridge Mode** using **Gateway forwards Traceroute** will not work (see online help for more information).

✓ Apply



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IPS status

Global IPS Settings

Local Networks			
<input checked="" type="checkbox"/> Server (Network)			
<input checked="" type="checkbox"/> Users (Network)			
DND	DND	DND	
	DND	DND	DND
DND	DND	DND	
	DND	DND	DND

Policy: Drop silently

Restart policy: Drop all packets

To start the Intrusion Prevention System, please specify your Local networks and a policy to apply to detected attacks.

Apply

Live Log

Open Live Log

Click here to open the IPS live log.



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This table shows the available IPS rule groups. To improve performance, you should deselect the groups that do not match services or software that you are running in your local networks. For each active group, three options can be set.

- Action:** By default, every rule in a group has a sensible default action. You can override these default by setting either Alert or Drop for a group.
- Rule age:** By default usage of IPS patterns from the last 12 months is recommended. This can be changed depending on individual factors like overall patch level, legacy systems or other security requirements.
- Add extra warnings:** When this option is activated, the group will also include rules which are used for warning-purposes only. These rules may potentially cause false alarms, so they are not included by default.
- Notify:** When this option is active, notifications will be sent for every hit in this group.

When you are finished making changes, click the **Apply** button on the bottom of the page.

Status / Group Name	Action	Rule age	Options	
<input checked="" type="checkbox"/> Operating system specific attacks (379 attacks, 184 warnings)	Drop	< 12 mont	<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> Windows (315 attacks, 120 warnings)	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> Linux (13 attacks, 11 warnings)	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> Others (51 attacks, 53 warnings)	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> Attacks against servers (203 attacks, 158 warnings)	Drop	< 12 mont	<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> HTTP servers (73 attacks, 62 warnings)	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> Common (2 attacks)	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> Apache (5 attacks, 13 warnings)	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> Microsoft IIS (3 warnings)	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> Frontpage ()	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> PHP (44 attacks, 33 warnings)	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> CGI (22 attacks, 13 warnings)	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify
<input checked="" type="checkbox"/> Mail servers (5 attacks, 20 warnings)	Drop		<input type="checkbox"/> Add extra warnings	<input checked="" type="checkbox"/> Notify



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TCP SYN Flood Protection

☐ Use TCP SYN Flood Protection

TCP SYN Flood Protection detects and blocks TCP SYN packet floods.

Mode: Source and destination addresses

Logging: Limited

Source packet rate (packets/second): 100

Destination packet rate (packets/second): 200

✓ Apply

UDP Flood Protection

☐ Use UDP Flood Protection

UDP Flood Protection detects and blocks UDP packet floods.

Mode: Source and destination addresses

Logging: Limited

Source packet rate (packets/second): 200

Destination packet rate (packets/second): 300

✓ Apply



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Portscan detection

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Global Settings

Action: Log event only

Anti-Portscan can detect and optionally block port scans. The Action defines what to do with detected portscan traffic. It can be dropped or rejected. When Log only is set, traffic will still be allowed but the portscan incident is logged.

☒ Limit logging

✓ Apply



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Attack Patterns



Anti-DoS/Flooding



Anti-Portscan



Exceptions



Advanced



New Exception List...



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Find



Display: 10

0-0 of 0



Action



Sort by: Name asc

There are no exception lists defined.
Click on the **New Exception List** button to create one.



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Exceptions



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Pattern Set Optimization



Activate file related patterns

Use checkbox to expand active rule set by patterns against file based attacks not otherwise covered through Antivirus protection



Apply

Manual Rule Modification

Modified Rules



If you want to change settings for single rule(s), you can specify the rule IDs and their settings here.

Performance Tuning

HTTP Servers



DND	DND	DND	DND	DND
DND	DND	DND	DND	DND
DND	DND	DND	DND	DND

In order to increase the performance and minimize the amount of false positive alerts you can specify your internal servers that are protected by the IPS.

DNS Servers



DND	DND	DND	DND	DND
-----	-----	-----	-----	-----

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+ New Rule...

Open Live Log

Search Find Display: 10 1-8 of 8

Action	Sort by: Position asc
<input type="checkbox"/> Edit	1 automatically created rule Any → Server1 Server2 load balancing rule: ping to VSV12
<input type="checkbox"/> Edit	2 automatically created rule Any → Server1 Server2 load balancing rule: HTTP to VSV12
<input type="checkbox"/> Edit	3 automatically created rule Any → Server4 Server5 load balancing rule: ping to VSV45
<input type="checkbox"/> Edit	4 automatically created rule Any → Server4 Server5 load balancing rule: HTTP to VSV45
<input type="checkbox"/> Edit	5 automatically created rule Server (Network) → Server (Address) HTTP NAT rule: HTTP from Server (Network) to Server (Address)
<input type="checkbox"/> Edit	6 automatically created rule Server (Network)

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+ New Rule...

Open Live Log

Search Find Display: 10 1-8 of 8

Action	Sort by: Position asc
	load balancing rule: ping to VSV45 ping → Server5
<input type="checkbox"/> Edit	4 automatically created rule Any → Server4 Server5 load balancing rule: HTTP to VSV45
<input type="checkbox"/> Edit	5 automatically created rule Server (Network) → Server (Address) HTTP NAT rule: HTTP from Server (Network) to Server (Address)
<input type="checkbox"/> Edit	6 automatically created rule VPNSL (User Group Network) → Server (Network) Users (Network) SSL VPN remote access profile: VPNSL
<input type="checkbox"/> Edit Delete Clone	7 Server (Network) → Any Added by installation wizard
<input type="checkbox"/> Edit Delete Clone	8 Users (Network) → Any