

# SBC Security

## Security Overview

Sangoma SBC, security consists of five parts

Sangoma SBC performs security operations at each network layer

- Ethernet
- TCP/IP
- SIP/RTP

Sangoma SBC uses kernel level firewall to block intruders.  
This allows the SBC to scale even when it's under full DOS attack

## SIP Security

- Per SIP message, per realm message rate limit
- Trunk rate limits
- Overall system limits

## Firewall

- State full firewall rules

## Intrusion Detection/Prevention

- Known threat patterns such as scanners and sip attack software
- Various attack patterns and scenarios
- Option to add additional patterns

## Notification

- Email notifications of threat events

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