Defending VoIP on the Internet

They really are out to get you.
Why are they after you?

PROFIT!

- Premium number (1900 equiv) kickbacks
- Reselling expensive international calls
Working for the Weekend

Logged SIP attacks

Fail2ban actions

Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday
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700 | 400 | 300 | 400 | 300 | 100 | 300
Working for the Weekend

USA is 15 - 18 hours behind

Monday = Sunday
Do you really need to be serving SIP to the internet?

Insert rant here
Defence in depth

- Strong passwords

Especially the test accounts
Defence in depth

- Strong passwords
- Fail2ban or similar

Remember to whitelist your office network ranges etc.
Defence in depth

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- iptables rate-limiting

Defence in depth

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- limit the number of simultaneous calls on your trunks
Defence in depth

- Strong passwords
- Fail2ban or similar
- iptables rate-limiting
- limit the number of simultaneous calls on your trunks
- Ask your telco to block all international calls

Get that in writing/email, so when they forget to do it they wear the cost.
Choose a paranoid supplier

Insert another rant here
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