

SYMCAN

Symcon Cloud Connect



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Cloud Connect

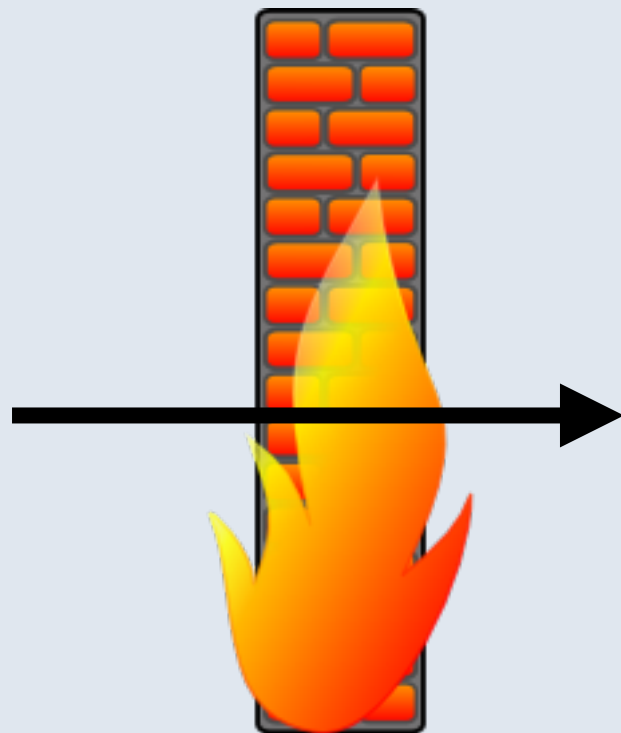


Authentication



RaspberryPi

Client



Firewall



Connect



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Goals

Main goal:

Building a reverse proxy tunneling service with an embedded SSH server and MySQL authentication

Stretch goals:

Beautifully rendered statistics dashboard

Stress-Tests and Performance optimizations

Deployment on AWS EC2+Lambda+API Gateway

Auto scaling and load balancing



Skills

Mandatory:

C/C++, Linux, GIT

Nice to have:

HTTP(S), SSH, MySQL, AWS