Allow programs to communicate through Windows Firewall

To add, change, or remove allowed programs and ports, click Change settings.

What are the risks of allowing a program to communicate?

Change settings

ⓘ For your security, some settings are managed by your system administrator.

Allowed programs and features:

Name	Domain	Home/Work (Pri...	Public	Group Policy
☑ Provisioning Core	☑	☑	☑	No
☑ Remote Assistance	☑	☐	☐	Yes
☑ Remote Assistance	☑	☑	☑	No
☑ Remote Desktop	☑	☑	☐	No
☐ Remote Event Log Management	☐	☐	☐	No
☐ Remote Scheduled Tasks Management	☐	☐		
☐ Remote Service Management	☐	☐		
☐ Remote Volume Management	☐	☐		
☐ Routing and Remote Access	☐	☐		
☐ Secure Socket Tunneling Protocol	☐	☐		
☐ Secure World Wide Web Services (HTT...	☐	☐		
☐ SNMP Trap	☐	☐		

Host firewalls don't provide simple controls for "limit this traffic depending on where its from."
ex: local vs. Internet

☐ **Block all incoming connections**
Blocks all incoming connections except those required for basic Internet services, such as DHCP, Bonjour, and IPSec.

📁 cvpnd	🟢 Allow incoming connections ⇅
💠 Dropbox.app	🟢 Allow incoming connections ⇅
🖼 iPhoto.app	🟢 Allow incoming connections ⇅
🎵 iTunes.app	🟢 Allow incoming connections ⇅
🧭 Safari.app	🟢 Allow incoming connections ⇅
Ⓢ Skype.app	🟢 Allow incoming connections ⇅

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☑ **Automatically allow signed software to receive incoming connections**
Allows software signed by a valid certificate authority to provide services accessed from the network.

☑ **Enable stealth mode**
Don't respond to or acknowledge attempts to access this computer from the network by test applications using ICMP, such as Ping.

Windows provides concept of network location, but that's about the **host**.

(?)   Cancel   OK

Problem

- Home network topologies are varied and ambiguous.
- Clear definition of local security boundary could enable higher-order security promises to users.
- Is there a "local" security boundary?
- What defines the "local" security boundary?
  - ULAs
  - Link-local
  - Prefix pushed down by RA
  - Magic?