

Which ports are blocked or allowed by the firewall on MIT GUEST wireless network?

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Answer

The MIT GUEST network is intended for visitor and guest access. Devices on the MIT GUEST network will be assigned an address outside of MIT's standard 18.x.x.x class A address block. (Network addresses on MIT GUEST will begin with 10.189.x.x.)

Blocked ports and address ranges

The following services are blocked:

- Network printing (ports 515 and 631)
- Some Java Tomcat applications (ports 8080 and 8443)
- Pharos Student Printing and Pharos Popup Client (port 28212)
- CrashPlan/Code42 installation (auto-detecting license and server information)
- SAP eLearning ("MIT Learning Center") training portal accessed via [Atlas](#)
- Comcast IP TV pilot (requires 18.x.x.x network address)
- Unauthentic SMTP (port 25)

The list above is not comprehensive.

Allowed ports

A general list of *allowed ports* on the MIT GUEST wireless network can be found below. Ports not listed below will be blocked by the firewall.

Name: Guest-Ports

Members: service-https

TCP-20
TCP-21
TCP-22
TCP-53
TCP-80
TCP-88
TCP-110
TCP-143
TCP-389
TCP-406
TCP-444
TCP-446
TCP-447
TCP-465
TCP-587
TCP-636
TCP-993
TCP-1494
TCP-1723
TCP-1863
TCP-1883
TCP-2195
TCP-2196
TCP-3389
TCP-3653
TCP-5000
TCP-5050
TCP-5190
TCP-5222
TCP-5223
TCP-5432
TCP-5900
TCP-8443
TCP-8444
TCP-8883
TCP-10000
TCP-60000-61000
UDP-53
UDP-88
UDP-123
UDP-500
UDP-1723
UDP-4500
UDP-50000-65535

See Also:

[The Wireless Networks at MIT](#)
[How to connect to the MIT SECURE wireless network](#)
[Eduroam Landing Page](#)
[The MIT GUEST wireless network](#)
[Wireless RADIUS Server Certificate Fingerprints](#)
[Troubleshooting and reporting problems on the MIT wireless network](#)
[List of devices that can or can't connect to MIT SECURE](#)