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