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

Answer

The MIT GUEST network is intended for visitor and guest access. It can also be used for devices that do not support the security protocols necessary to connect to the MIT SECURE wireless network. For a list of devices that IS&T recommends using the MIT GUEST wireless network for, click here. 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 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)
- Unauthenticated 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.
<table>
<thead>
<tr>
<th>Name</th>
<th>Members</th>
</tr>
</thead>
</table>
| Guest-Services | Guest-TCP-2196  
                Guest-TCP-8443  
                Guest-TCP-80  
                Guest-TCP-443  
                Guest-TCP-22  
                Guest-TCP-53  
                Guest-UDP-53  
                Guest-TCP-993  
                Guest-UDP-500  
                Guest-UDP-4500  
                Guest-TCP-5190  
                Guest-TCP-5222  
                Guest-TCP-5223  
                Guest-UDP-123  
                Guest-TCP-10000  
                Guest-UDP-1723  
                Guest-TCP-1723  
                Guest-TCP-1863  
                Guest-TCP-5050  
                Guest-TCP-444  
                Guest-TCP-143  
                Guest-TCP-465  
                Guest-TCP-587  
                Guest-TCP-5000  
                Guest-TCP-3653  
                Guest-UDP-3653  
                Guest-TCP-3389  
                Guest-TCP-5900  
                Guest-TCP-1494  
                Guest-TCP-389  
                Guest-TCP-636  
                Guest-TCP-21  
                Guest-TCP-20  
                Guest-TCP-110  
                Guest-TCP-995  
                Guest-TCP-406  
                Guest-TCP-88  
                Guest-UDP-88  
                Guest-TCP-446  
                Guest-TCP-447  
                Guest-TCP-8444  
                Guest-TCP-60000-61000 |
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