

Mission Zimbabwe: Wireless

Mhoroi! Peter Packet, you and your team are heading into the wireless component of your mission. You will find that in wireless space you'll need additional security and that you must continue to keep an eye out for viruses and hackers. You may face interference from other signals in the air. Interference could distort your message. It is essential that you deliver your information to Dr. Zapawa as soon as possible. Keep in mind that you will not have cables to guide you this time. Good luck!

1. Go to the game
(<http://www.cisco.com/warp/public/779/edu/peterpacket2/deliverables/default.htm>) and skip forward to the wireless section, making sure you select Zimbabwe. Team members should head to their own computers or share computers with others as they make their move through wireless space. If anyone needs help, remember that your team always has access to the Game Cheat Sheet and the Help button. Stop after your mission is complete at a section called "Learn More: Zimbabwe." **Do NOT click on the links in this section.**
2. Add details of your mission in your Mission Journal making sure to list facts about traveling through wireless space, the difficulties you encountered, and what happened when you made it to the wireless access point.
3. Once your message has been assembled, it is time to get together with your team to consider how that message got to India. Let's say it left from a computer on a wireless network on the campus at Gettysburg College in Pennsylvania and ended up at its destination computer in Harare, Zimbabwe. Use the links below to help you list in your Mission Journal the route your packet traveled and how it avoided problems with interference, congestion, viruses, hacker packets, and distance. The links will not give you all the answers, but you may want to use your email connections to people like your school networking specialist who might give you some additional help. Your team will have to use its best judgment in deciding upon the route and the way around problems faced.

Internet Cabling

http://www.cybergeography.org/atlas/alcatel_large.gif

Map of undersea cables laid by the Tyco Corporation.

Internet Cabling

http://www.cybergeography.org/atlas/alcatel_large.gif

Map of Internet cabling throughout the world.

Gettysburg College Wireless Map

http://www.gettysburg.edu/it/graphics/wireless_big.gif

Shows the range of wireless computing on the campus.

Zimbabwe Communications Information

<http://www.zimbabwe.8m.com/stats5.html>

Media information in the country of Zimbabwe.

4. Be ready to report your results to the class. *Tichaonana!*