

Fourth Set of Questions and Answers

Q1: 3.2 Integrate, Install, secure, test, and make operational WAN communications acceleration and bandwidth optimization appliances, such as Riverbed Virtual Steelhead technology, for both SIPRnet and NIPRnet connectivity. Bandwidth optimization technology must be the smallest form factor possible for global travel purposes and must have the ability to fully integrate with current JEMPRS travel kits.

Q1: We need to know if Optimized WAN Capacity at 6 Mbps is good enough or if the client wants 10 Mbps for the travel kits?

A1: 10 Mbps Ground Station WAN, minimum of 6 Mbps deployed WAN

Q2: 3.4 Optimize all authorized connections to the JEMPRS ground station for maximum data throughput...

Q2: Will Optimized TCP Connections & UDP Flows (Optimized SSL/TLS Connections) of 3,000 and Optimized WAN Capacity of 50 Mbps work? Or does the client want increased capacity 100 Mbps?

We ask this because all WAN capacities, connections, flows and rules/classes specifications listed are maximums and may not be achieved simultaneously and/or in all environments.

A2: Currently, the ground station has an internet connection with guaranteed provisioned BW at 10 Mbps with bursts up to 45 Mbps. However, the deployed kits, connected to 100 Mbps commercial internet in a hotel, only achieve a maximum of 2 Mbps through the VPN tunnel. If 50 Mbps VPN throughput is achieved from a remote location on the 10 Mbps ground station connection, this would be satisfactory.