Season's greetings!

Thank you for the feedback provided on my first edition of "The Drumbeat." I'm glad you found value in it, and I will continue to share information through this tool on a regular basis.

As we move toward the end of the calendar year, the Defense Information Systems Agency's operational tempo remains high. We've upgraded the Secret Internet Protocol Router Network (SIPRNet) and have a new mobile app for spectrum management. I have two new services to tell you about, and am also extending an invitation to DISA's Cloud Services Symposium later this month.

I encourage you to disseminate this information within your organization and to provide your feedback to the Mission Partner Engagement Team or the DISA field office or liaison officer in your area of responsibility.

Please accept my well-wishes and those of the DISA team this holiday season. It is only through our continued partnership that we can achieve success in our mission to provide information superiority for our warfighters and national leaders.

SIPRNet upgraded to a virtual network

- I'm pleased to announce that we've completed a project to evolve the SIPRNet from point-to-point network to a virtual one, increasing the bandwidth capacity from 1G to 10G, improving network efficiency and survivability, and reducing costs.
- DISA's investment in this effort includes providing Advanced Crypto Capability (ACC)-compliant enterprise High Assurance Internet Protocol Encryptor (HAIPE) encryptors at the SIPRNet nodes, reducing mission partner encryption costs by 50 percent. We are also providing ACC-compliant HAIPE encryptors for nearly half of the SIPRNet circuits transitioned and transferring ownership to mission partners.
- The network now meets Joint Information Environment standards and standardizes the use of Ethernet and virtualized transport. The simplified virtual routing reduces the time to align the network to accept new or changing mission partner connections and will support future initiatives, such as Secret-Joint Regional Security Stacks, converged access, and software-defined networking.
- For additional information, please contact your Mission Partner Engagement representative.

New service allows prioritization of mission critical DISN traffic

- Quality of Service (QoS) on the Defense Information Systems Network (DISN) internet protocol (IP) backbone allows DISA to prioritize mission critical traffic in a limited or congested bandwidth

environment. When the DISN IP core is congested, QoS provides priority for specific, tagged traffic identified as mission critical at the time of service implementation. Internet traffic moves to the lowest priority.

- This offering will be the first widely deployed QoS service on the DISN IP core backbone. Initially, this service will only be offered to Private IP Service/ Layer 3 Virtual Private Network customers. After requesting QoS, customers will work with a DISA implementation engineer to model network traffic types and determine the best QoS profile.
- For more information, please contact your Mission Partner Engagement representative.

On-Site Managed Services available this month

- Our newest cloud service offering, On-Site Managed Services (OMS), will be available this month. OMS will provide Infrastructure-as-a-Service and Platform-as-a-Service hosting solutions up to Impact Level 5.
- The platform is designed to minimize system and application changes required to migrate applications to the cloud, providing speed and savings for our mission partners. Workload migration to OMS will be offered at a fixed rate per virtual machine for standard workloads. Users will be able to run and manage virtual servers, storage, and networks in a secure virtual-private environment and will be billed based on actual resource consumption and consumption of optional services, such as managed professional services to help users maintain mission focus.
- For more information, contact the OMS program manager at 301-225-8413, DSN 312-375-8413 or attend our Cloud Service Symposium Dec. 12.

DISA to host Cloud Symposium Dec. 12

- In response to the Deputy Secretary of Defense's charge to "make rapid enterprise-wide cloud adoption a reality," DISA will host an educational workshop to help mission partners aggressively move to the cloud. The symposium will be held Dec. 12 from 8 a.m. – 4 p.m. EST at DISA Headquarters on Fort Meade, Maryland. Virtual participation is also available. Pre-registration is required.
- Using a crawl/walk/run/fly approach, DISA will engage mission partners to improve understanding of cloud principles, present data to help application owners decide which cloud architecture and solution is best for their organization, and share the three DISA offerings covering both on and off-premise solutions (milCloud 2.0, On-Site Managed Services, and the Secure Cloud Computing Architecture). In the afternoon, DISA will offer working groups for all three offerings, with details for application owners to better plan for cloud provisioning and application migration.
- For additional information, please contact your Mission Partner Engagement representative.

Mobile app enables multinational electromagnetic spectrum coordination

- A mobile application version of Mercury — a tool used to coordinate electromagnetic spectrum frequencies during multinational humanitarian assistance/disaster relief (HA/DR) operations where formally trained spectrum managers and access to secure networks are not available — is now available for download on both Apple and Android devices. Search for “Mercury Spectrum” in the app store.
- The app extends the web-based Mercury capability that has been available since 2014 and has already supported multiple HA/DR responses. It is being vetted by the DOD Mobility Program for use on DOD Mobility Unclassified Capability (DMUC) devices. The results of the review are expected in December. In the meantime, DMUC users can use the web-based Mercury application.
- For more information, visit the Joint Spectrum Center online portal (Common Access Card required), email DISA.SOSC@mail.mil, or call 410-293-4357, DSN 312-281-4357.