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ARMY CIO/G-6

2 March 2017

ANCP Near-Term Implementation Guidance for FY17-18 Updated!

The new Army Network Campaign Plan Implementation Guidance, Near Term covers Army network priorities and planned investment for fiscal years 2017-18. By aligning the development and implementation of network capabilities, architectures and security with broader Army strategy, this guidance synchronizes the Army's anticipated near-term warfighting and business needs with expected funding and national defense priorities. Over the next two years, the Army will primarily focus on growing tactical and institutional network power and reach, and streamlining network operation, maintenance and defense. Areas of concentrated activity include merging separate networks, cloud computing, enterprise communications and collaboration capabilities, data center consolidation, Army-wide migration to a new operating system, expansion of Home-Station Mission Command Centers and better visibility of cyber assets.

In addition to carrying forward most of the efforts detailed in the FY16-17 guidance, the FY17-18 guidance introduces several new initiatives. Per a 2016 Defense Department mandate, the Army is moving to the Windows 10 operating system and upgrading supporting infrastructure, such as System Center Configuration Manager and the Host-Based Security System. Windows 10 Secure Host Baseline implementation is now under way and the Army intends to meet the DoD goal of transitioning at least 90 percent of office information technology (desktops, laptops, tablets) by January 2018. Windows 10 will substantially improve network and device security; instituting a common operating system baseline across the force will also simplify network operation and maintenance.

Efforts to extend network and enterprise services and tools across all garrisons and to all Soldiers at the tactical edge will pick up steam in FY17-18. One key element is creation of the Global Enterprise Fabric (GEF). The GEF will provide a complete suite of enterprise computing services under three broad areas: infrastructure as a service, network services and computer network defense. Development of a Mobile Vision for the Army and concerted exploration of government and commercial cloud service offerings round out new avenues to expand the network's reach.

As part of the push to streamline the network, the Army is developing plans, in coordination with DoD and the Intelligence Community, to transfer management of Army Sensitive Compartmented Information Facilities' Non-Secure Internet Protocol Router and Secure Internet Protocol Router networks from Ground Intelligence Support Activities to Network Enterprise Centers.

To improve network security and defense, the near-term guidance also adds the concept of a "maneuver baseline" for defensive cyberspace operations (DCO). The Army is pursuing an infrastructure, platform and tool/payload paradigm. There are four major components: the Garrison DCO Platform, which provides virtual terrain for Cyber Protection Teams (CPTs) to maneuver remotely and augment Army Network Enterprise Centers as they defend business and warfighting operations; Tactical DCO Infrastructure, which also creates virtual terrain for CPTs to support military operations; the Deployable DCO System, which gives CPTs a fly-away (deployable) capability to locally augment cyberspace defenders at any base, post, camp or station, including tactical sites; and the DCO Tool Suite, which offers a flexible, dynamic, software-based set of warfighting capabilities that comply with the Joint Information Environment and the Army's Common Operating Environment.

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To help the Army better track the progress and the effects of its various network initiatives, the near-term guidance now includes Key Performance Indicators. These metrics will measure execution and impact, helping the Army to meet its FY17-18 goals, adjust plans where necessary, and build the next iterations of the near-term and mid-term implementation guidance.

The full updated ANCP Near-Term Implementation Guidance for FY17-18 and other CIO/G-6 strategic documents can be found at: <http://ciog6.army.mil/AboutCIO/Mission/Strategy/tabid/237/Default.aspx>

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The Army CIO/G-6 sets the strategic direction and objectives for the Army network in support of a secure, integrated, standards-based environment that ensures uninterrupted global access and enables collaboration and decisive action throughout all operational phases across all environments.

Website: <http://ciog6.army.mil/>

SharePoint: https://army.deps.mil/army/cmds/hqda_ciog6/SitePages/Home.aspx

Facebook: <https://www.facebook.com/ArmyCIOG6/>

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