

AMENDMENT TO RULES COMM. PRINT 119-33
OFFERED BY MR. GOODEN OF TEXAS

In title XV, amend section 1541 to read as follows:

1 **SEC. 1541. ROADMAP FOR MODERNIZATION OF TOP SECRET**
2 **AND SPECIAL ACCESS PROGRAM NETWORK**
3 **ARCHITECTURES.**

4 (a) IN GENERAL.—Not later than 180 days after the
5 date of the enactment of this section, the Secretary of De-
6 fense shall develop and submit to the congressional de-
7 fense committees, and begin implementation of, a road-
8 map for the modernization of Department of Defense net-
9 works that process, store, or transmit information that is
10 classified at the level of top secret or is designated as
11 being within a special access program.

12 (b) ELEMENTS.—The roadmap required under sub-
13 section (a) shall include the following elements:

14 (1) An assessment of the current architecture,
15 capacity, security posture, and technical limitations
16 of such networks, including identification of major
17 capability gaps, cybersecurity risks, infrastructure
18 limitations, and technical debt.

19 (2) Target or reference architectures for mod-
20 ernized environments for such networks, including

1 enterprise-level and component-level networks, as ap-
2 propriate, with a preference for modern cloud-based
3 platforms.

4 (3) Milestones and timelines for transition from
5 current environments to the target or reference ar-
6 chitectures.

7 (4) Plans to improve resilience, survivability,
8 and operations of such networks in contested, de-
9 graded, or disconnected environments.

10 (5) Plans to improve interoperability and data
11 sharing across such networks and relevant mission
12 partner environments, as appropriate, with priority
13 on real time cross domain, multi-level data sharing
14 both up and down classifications.

15 (6) An assessment of high-performance com-
16 puting and distributed computing requirements,
17 whether locally or in cloud environments, necessary
18 to support real-time sensor data fusion, advanced
19 analytics, and artificial intelligence capabilities.

20 (7) An assessment of the extent to which such
21 networks support the operational requirements of
22 combatant commands, including the ability to enable
23 integration with joint and mission partner environ-
24 ments.

1 (8) Identification of governance, roles, and re-
2 responsibilities for modernization of such networks
3 across the Department.

4 (9) Estimated resource requirements necessary
5 to implement the roadmap.

6 (10) Identify and establish baseline domain-spe-
7 cific requirements and capabilities across elements of
8 the Department, platform-as-a-service providers, and
9 cloud service providers.

10 (c) ANNUAL REPORT.—Not later than one year after
11 the date of the enactment of this section, and annually
12 there after for each of the next five years, the Secretary
13 shall submit to the congressional defense committees a re-
14 port on progress in implementing the roadmap required
15 under subsection (a).

16 (d) REPORT ELEMENTS.—Each report submitted
17 under subsection (c) shall include the following:

18 (1) Progress made toward roadmap milestones
19 and modernization goals.

20 (2) Updates to the roadmap, as appropriate.

21 (3) Major risks, delays, or challenges affecting
22 implementation.

23 (4) Budgetary resources requested and obli-
24 gated for modernization of such networks.

1 (5) Any recommendations that the Secretary
2 considers appropriate for legislative or funding ac-
3 tions to implement the roadmap.

4 (e) FORM OF ROADMAP AND REPORTS.—The road-
5 map required by subsection (a) and the reports required
6 by subsection (c) shall be submitted in classified form, but
7 may include an unclassified summary.

