

Company Name: Juniper Networks

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Input: Juniper Networks supports the FDCCI as a critical initiative in eliminating costly, legacy infrastructure while moving to modern best-commercial computing approaches to deliver optimal performance and security. We have noted recent cloud computing acquisitions activities in the DOD that appear to be focused on migrating the DOD to a single cloud provider. This strategy will not deliver optimal solutions for the myriad of DOD support and warfighting applications, and is likely unexecutable. We believe DOD would benefit from adopting a multi-cloud strategy that integrates infrastructure-as-a service (IaaS) and software-as-a-service (SaaS) from leading commercial providers with on premise computing assets (to include legacy base metal, modern virtualized, and private cloud). In addition, DOD should demand that any cloud provider network consist of solutions from diverse hardware and software developers. It is well accepted in the security community that a network based on a single developer is subject to a higher risk of a single point of failure and vendor lock-in; these risks are diminished when a network has multiple vendors. By consciously adopting a multi-cloud approach, and deploying tools to ensure consistent security and simplify management, DOD will be positioned for more rapid transition, better performance, and greater cost savings.