



DEFENSE INFORMATION SYSTEMS AGENCY
The IT Combat Support Agency



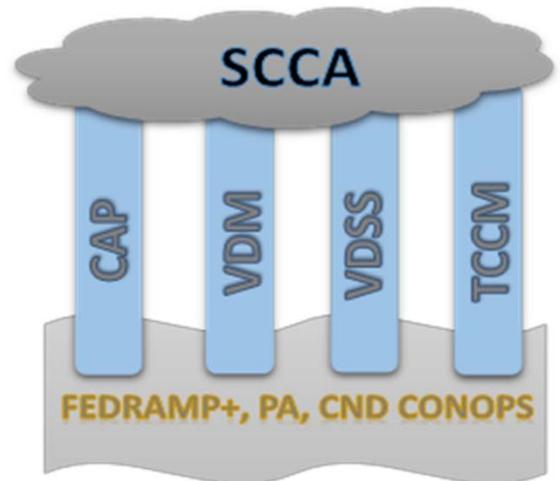
DOD Secure Cloud Computing Architecture

A Scalable, Cost-Effective Approach to Securing Cloud-Based Programs Under a Common Security Architecture

Overview

DISA's Secure Cloud Computing Architecture (SCCA) is a suite of enterprise-level cloud security and management services. It provides a standard approach for boundary and application level security for impact level four and five data hosted in commercial cloud environments.

- Cloud Access Point
- Virtual Data Center Security Stack
- Virtual Data Center Managed Services
- Trusted Cloud Credential Manager



SCCA Features

Cloud Access Point: Provides access to the cloud, and protects DOD networks from the cloud. Streamlined protections focused on protecting the network boundary.

Virtual Data Center Security Stack: Virtual network enclave security to protect applications and data in commercial cloud offerings.

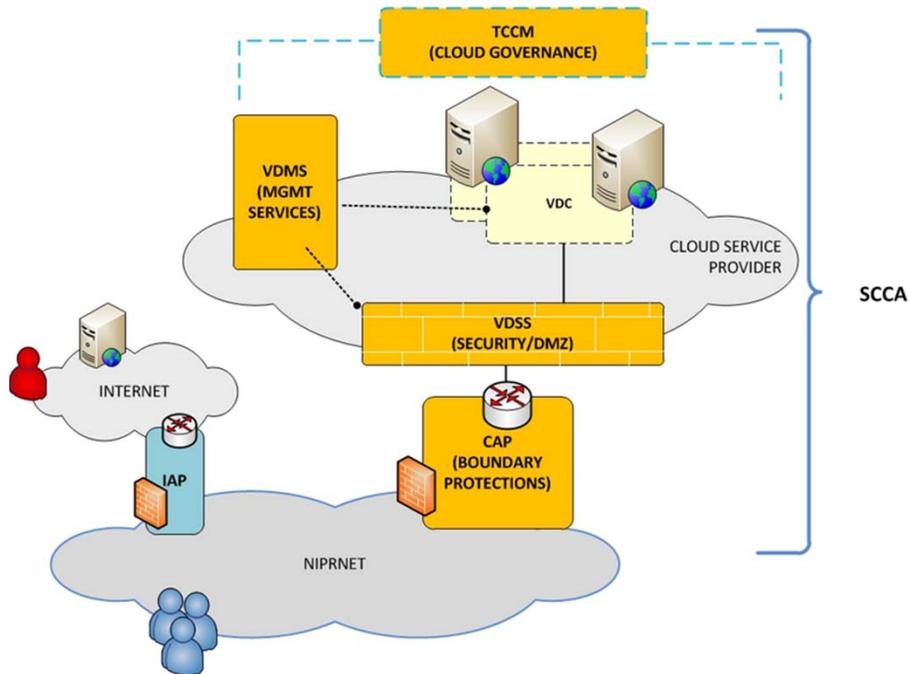
Virtual Data Center Managed Services: Application host security for privileged user access in commercial environments.

Trusted Cloud Credential Manager: Cloud credential manager to enforce role-based access control (RBAC) and least privileged access.

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SCCA Scope and Capabilities

The SCCA is designed to cover all aspects of commercial provider implementation. It addresses the security concerns inherent in today's industry offerings for infrastructure-as-a-service (IaaS), platform-as-a-service (PaaS), and software-as-a-service (SaaS). Additionally, it includes support for both on premise and off premise commercial providers.



On the Horizon

- Maintain operational support of existing Non-Secure Internet Protocol Router Network (NIPRNet) Federated Gateway cloud access point (CAP).
- Fiscal year 2017, quarter 2: Deploy SCCA prototype for select application testing.
- Develop capability roadmap to define current program enhancements based on evolving DOD requirements.

Industry Partner Engagement

- SCCA functional requirements publication planned for January 2017.

Contact Us

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