TLP:CLEAR

SECURE CLOUD BUSINESS APPLICATIONS PROJECT FACT SHEET

OVERVIEW

Organizations across every sector leverage cloud service providers for key business applications. While cloud business applications provide significant benefits, they must be securely configured and managed to minimize the likelihood of a damaging cybersecurity incident. The Cybersecurity and Infrastructure Security Agency (CISA) originally established the Secure Cloud Business Applications (SCuBA) project to help federal civilian executive branch agencies protect federal information created, accessed, shared, and stored in their cloud environments, including through hardened configurations, settings, and security products. Every organization using Microsoft 365 and Google Workspace business applications should evaluate and consider leveraging SCuBA offerings.

The three main lines of effort for SCuBA are Cloud Solutions Guidance, Secure Configuration Baselines, and extensible Visibility Reference Framework.

Cloud Solutions Guidance

The Technical Reference Architecture security guide helps organizations adopt technology for cloud deployment, adaptable solutions, secure architecture, agile development, and zero trust frameworks.

The Hybrid Identity Solutions Architecture helps organizations understand potential options for identity management interoperability between on-premises and cloud-based solutions, the challenges involved in each, and how to address those challenges.

Secure Configuration Baselines

Microsoft 365 Secure Configuration Baselines and Google Workspace Secure Configuration Baselines provide product-specific security baselines for critical business applications within the Microsoft 365 and Google Workspace cloud productivity suites. Agencies will find information on baseline security configurations and security-bolstering enhancements.

SCuBAGear for Microsoft 365 and SCuBAGoggles for Google Workspace are automated configuration tools that assess how tenant configurations measure against the recommended baselines.

Extensible Visibility Reference Framework

This guide provides a framework overview, enabling agencies to identify visibility data for threat mitigation.

CONTACT US

Participation in certain parts of the CISA sponsored SCuBA pilot implementation(s) is limited to eligible entities. To participate in SCuBA pilots or receive additional information and demonstrations, contact CISA's Cybersecurity Shared Services Office.