



Montgomery IT Summit

Common Computing Environment (CCE) - Common Services, Automation, Current Status, Plans Panel



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CCE Vision Statement

The leading Air Force provider of state-of-the-art cloud computing platforms, technologies, approaches and solutions.

CCE Mission Statement

Provide common secure computing environments, standardized platforms, application migration and support services, and data management.



The Common Computing Environment (CCE):

- Is engineered to be the USAF's preferred environment for deploying *Mission Applications* to genuine commercial clouds, supported by robust processes and a new approach to developing, deploying, operating, and sustaining software promoting agility, improved security, availability and survivability
- Is a set of technologies used to provide *Mission Applications* enterprise-level governance and common computing standards for consuming cloud services
- Utilizes cloud based infrastructure provided by the Cloud Service Provider (CSP) and is focused primarily on the *PaaS* service model. However, also supports the *IaaS* model to a lesser extent.
- Provides access to common services hosted in an environment with enterprise governance, with the primary goal of delivering accredited services that *Mission Application owners* can assemble in their own instances of the environment and realize a level of self-service and control.
- The CCE is meant to provide “guardrails” for cloud migrations in a secure and available platform, but not a completely managed system. This allows teams to focus on maintaining their applications, instead of spending valuable time managing hosting environment and underlying infrastructure.

CCE Operational Concept Diagram (OV-1)

