

# VA CLOUD COMPUTING

## IAM Services Impact Analysis

### CLOUD COMPUTING

A model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources that can be rapidly provisioned and released with minimal management effort or service provider interaction.<sup>1</sup>



## TEN STEPS TO ENSURE SUCCESS<sup>2</sup>

- |  |   |  |   |
|--|---|--|---|
|  | 1   Ensure effective governance, risk and compliance processes exist. |  | 6   Assess the security provisions for cloud applications.                |
|  | 2   Audit operational and business processes.                         |  | 7   Ensure cloud networks and connections are secure.                     |
|  | 3   Manage people, roles and identities.                              |  | 8   Evaluate security controls on physical infrastructure and facilities. |
|  | 4   Ensure proper protection of data and information.                 |  | 9   Manage security terms in the cloud service agreement.                 |
|  | 5   Enforce privacy policies.   |  | 10   Understand the security requirements of the exit process.            |

## CLOUD SERVICE MODELS

SOFTWARE AS A SERVICE (SaaS)

PLATFORM AS A SERVICE (PaaS)

INFRASTRUCTURE AS A SERVICE (IaaS)

## RISKS<sup>3</sup>



Verify security control mapping of IAM Services associated security control requirements align with [FEDRAMP](#) Cloud Service Provider (CSP) identified controls.

Ensure the VA establishes a HIPAA-compliant business associate agreement (BAA) with the respective CSPs. VA should determine a list of requirements that go into every BAA established with the CSPs.

Review and verify the RiskVision Questionnaire to ensure suitable challenge questions are present for applications utilizing cloud services.

Read the [VA Cloud Computing IAM Services Impact Analysis](#) or visit the [Security Center](#) for more information.

<sup>1</sup> National Institute of Standards and Technology (NIST) Special Publication (SP) 800-145, *The NIST Definition of Cloud Computing*.

<sup>2</sup> Cloud Security Alliance, *Security for Cloud Computing: 10 Steps to Ensure Success*, March 2015.

<sup>3</sup> Cloud Security Alliance, *Security for Cloud Computing: 10 Steps to Ensure Success*, March 2015.