VistA Adaptive Maintenance VAEC Security (VAM)

VAM User Guide (UG)



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Table of Contents

[1 Introduction 4](#_Toc7434322)

[1.1 Purpose 4](#_Toc7434323)

[1.2 Overview 4](#_Toc7434324)

[1.3 Disclaimers 4](#_Toc7434325)

[1.3.1 Software Disclaimer 4](#_Toc7434326)

[1.3.2 Documentation Disclaimer 5](#_Toc7434327)

[1.4 Project References 5](#_Toc7434328)

[1.4.1 Information 5](#_Toc7434329)

[1.4.2 Coordination 5](#_Toc7434330)

[1.4.3 Help Desk 5](#_Toc7434331)

[1.4.4 Organization of the User Guide 5](#_Toc7434332)

[2 System Summary 6](#_Toc7434333)

[2.1 User Access Levels 7](#_Toc7434334)

[3 Getting Started 7](#_Toc7434335)

[4 Reports 7](#_Toc7434336)

[5 VAM 508 Compliance 7](#_Toc7434337)

[6 Troubleshooting 7](#_Toc7434338)

[7 Acronyms and Abbreviations 7](#_Toc7434339)

List of Figures

No table of figures entries found.

List of Tables

No table of figures entries found.

# Introduction

VA Office of Information and Technology (OI&T) Enterprise Cloud Solutions Office (ECSO), as the technology agent for the Veterans Health Administration (VHA), requires completing the deployment of a comprehensive, cloud-based VistA RPC Interface monitoring and auditing solution.

## Purpose

The objective of the VistA Adaptive Maintenance VAEC Security (VAM2) project is to provide the complete audit, analysis, and translation of the entire VistA RPC interface into a modern machine-processable form, to be operationalized and scaled for production enterprise use on the VAEC CloudWatch monitoring tool in order to provide a comprehensive cloud-based VistA RPC Interface monitoring and security for all VistA systems migrated to the VAEC.

## Overview

The VistA Adaptive Maintenance system is a Cloud-Smart / Cloud-Native application developed and deployed in the dedicated U.S. FedRAMP-HIGH, HIPAA-compliant VA Enterprise Cloud (VAEC) leveraging Amazon Web Services (AWS) commercial cloud infrastructure and services.  VAM provides comprehensive, commercial cloud-based monitoring and security for all clients, applications, and users that access VistA data using VistA’s Remote Procedure Call (RPC) interface.  VAM is operationalized and scaled for production enterprise’s use in the VAEC leveraging AWS Kinesis, and provides comprehensive commercial cloud-based VistA RPC Interface monitoring and security for all VistA systems migrated to the VAEC.  VAM is 100%  Legacy-free, Cloud-Native, and Non-invasive - allowing it to be scaled and deployed enterprise-wide without any change to any VistA system required.

## Disclaimers

### Software Disclaimer

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## Project References

### Information

The VAM points of contact (POCs) include:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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### Coordination

Coordination between the project and its specific support functions (e.g., installation coordination, security, etc.) for VAM is the same as those for VistA

### Help Desk

Refer to [Section 11](#_Troubleshooting) for additional information.

### Organization of the User Guide

First build is not going to get installed in VAEC so this section is not completed.

# System Summary

First build is not going to get installed in VAEC so this section is not completed.

## User Access Levels

# Getting Started

This guide is a direct copy of the Amazon Cloud Watch User Guide. <https://docs.aws.amazon.com/AmazonCloudWatch/latest/monitoring/acw-ug.pdf>

# Reports

First build is not going to get installed in VAEC so this section is not completed.

# VAM 508 Compliance

VAM’s user interface is AWS CloudWatch which is a COTS product so there is no additional 508 Compliance required. It is covered under AWS CloudWatch.

# Troubleshooting

First build is not going to get installed in VAEC so this section is not completed.

# Acronyms and Abbreviations

| Term | Description |
| --- | --- |
| API | Application Program Interface |
| CPRS | Computerized Patient Record System |
| GUI | Graphical User Interface |
| MUMPS | Massachusetts General Hospital Utility Multi-Programming System |
| OI&T | Office of Information and Technology |
| PII | Personally Identifiable Information |
| PWS | Performance Work Statement |
| TCP/IP | Transmission Control Protocol/Internet Protocol |
| VA | Department of Veterans Affairs |
| VHA | Veterans Health Administration |
| VistA | Veterans Health Information Systems and Technology Architecture |
| VAM | VistA Adaptive Maintenance VAEC Security |