Mental Health YS*5.01*183

Deployment, Installation, Back-Out, and Rollback Guide

July 2021

Version 1.0

Department of Veterans Affairs

Office of Information and Technology (OIT)

Revision History

Date	Version	Description	Author
7/14/2021	1.0	Initial Version	Liberty IT Solutions

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1. Introduction

This document describes how to deploy and install the patch YS*5.01*183 of the Mental Health package, as well as how to back-out the product and rollback to a previous version or data set.

This document is a companion to the project charter and management plan for this effort in this document.

1.1. Purpose

The purpose of this plan is to provide a single, common document that describes how, when, where, and to whom Mental Health patch YS*5.01*183 will be deployed and installed, as well as how it is to be backed out and rolled back, if necessary. The plan also identifies resources, communications plan, and rollout schedule. Specific instructions for installation, back-out, and rollback are included in this document.

1.2. Dependencies

It is assumed that this patch is being installed into a fully patched Veterans Health Information System and Technology Architecture (VistA) system. Patch YS*5.01*158 must be installed.

1.3. Constraints

There are no constraints beyond the installation into an up-to-date VistA system.

2. Roles and Responsibilities

The following describes the roles and responsibilities associated with the testing and release of YS*5.01*183. This is a web application only patch and does not require any installation by VistA sites.

Table 1: Deployment, Installation, Back-out, and Rollback Roles and Responsibilities

Team	Phase / Role	Tasks	Project Phase (See Schedule)
Project Manager	Deployment	Determine and document the roles and responsibilities of those involved in the deployment.	Design
Software Quality Assurance (SQA), Test Sites	Deployment	Test for operational readiness	Test
Project Manager, Release Manager	Deployment	Execute deployment	Release
Individual VistA Sites	Installation	Plan and schedule installation	Release
Azure Manager	Installation	Plan and schedule installation	Release
Release Manager	Back-out	Confirm availability of back-out instructions and back-out strategy (what are the criteria that trigger a back-out)	Release
Sustainment Team	Post Deployment	Hardware, Software and System Support	Sustain

3.   Deployment

The deployment is planned as a simultaneous (National Release) rollout. Once approval has been given to nationally release, YS*5.01*183 will be installed in the web Azure environment and be available to all sites.

3.1.   Timeline

The deployment and installation are scheduled to run during July 2021.

3.2.   Site Readiness Assessment

This section discusses the locations that will receive the YS*5.01*183 deployment.

3.2.1.   Deployment Topology (Targeted Architecture)

YS*5.01*183 will be deployed to the Azure application server. Local sites will not need to install a VistA patch.

3.2.2.   Site Information (Locations, Deployment Recipients)

The verification of this functionality was performed in User Acceptance Testing (UAT). Once UAT testing was completed, approval for national release was given for YS*5.0*183 which will be deployed to all VistA systems.

3.2.3.   Site Preparation

YS*5.01*183 requires a fully patched VistA system. In particular, YS*5.01*158 (MHA Planning and Staff Entry) should be installed prior to the installation of YS*5.01*183.

3.3.   Resources

3.3.1.   Facility Specifics (optional)

No specific facility resources needed.

3.3.2.   Hardware

No hardware resources needed.

3.3.3.   Software

No software resources needed.

3.3.4.   Communications

When YS*5.01*183 is released, the released-patch notification will be sent from the National Patch Module to all personnel who have subscribed to notifications for the Mental Health package as an Informational patch.

4. Installation

4.1. Pre-installation and System Requirements

There are no pre-installation requirements.

4.2. Platform Installation and Preparation

There is no VistA installation required.

4.3. Access Requirements and Skills Needed for the Installation

There is no VistA installation required and no specific skills needed.

4.4. Installation Procedure

Not Applicable.

4.5. Installation Verification Procedure

Not Applicable.

4.6. System Configuration

4.6.1. User Configuration

The version of the application supported by this document is MHA v1.2.22.

4.6.2. Add the Necessary Security Keys

No new Security Keys are required.

5. Back-Out Procedure

5.1. Back-Out Strategy

This patch updates the Mental Health Application – Web (MHA Web) application. If MHA Web does not perform as desired, it is possible to back out to the previous implementation.

5.2. Back-Out Considerations

If the YS*5.01*183 patch is backed out, there will be minimal impact to users other than MHA Web will no longer be available to Cerner users.

5.3. Back-Out Criteria

A back-out should only be considered if there is a patient safety issue, if MHA Web no longer functions, or if there is some other catastrophic failure.

5.4. Back-Out Risks

The risks vary depending on what is causing the failure of the system. The main risk is that theMHA Web will be unavailable.

5.5. Authority for Back-Out

The VistA system manager determines if a back-out of YS*5.01*183 should be considered.

5.6. Back-Out Procedure

In order to back out YS*5.01*183, the Azure application management team will revert the application to the previous version.

5.7. Back-out Verification Procedure

Not Applicable.

6. Rollback Procedure

6.1. Rollback Considerations

YS*5.01*183 is an Azure web application update only. This patch will utilize existing application data.

6.2. Rollback Criteria

No rollback criteria.

6.3. Rollback Risks

No rollback risks.

6.4. Authority for Rollback

No rollback authority needed.

6.5. Rollback Procedure

No rollback procedure.

6.6. Rollback Verification Procedure

No rollback verification.

7. Appendix A – Acronyms

Table 2: Acronyms

Acronym	Definition
CAG	Citrix Access Gateway
DIBRG	Deployment, Installation, Back-out, and Rollback Guide
IOC	Initial Operating Capability
KIDS	Kernel Installation and Distribution System
MHA	Mental Health Assistant
PIN	Personal Identification Number
PIV	Personal Identity Verification
SPP	Suicide Prevention Package
SQA	Software Quality Assurance
SSOi	Single Sign-On Integration
VA	Department of Veterans Affairs
VAMC	Veterans Affairs Medical Center
VIP	Veteran-focused Integration Process
VistA	Veterans Health Information System and Technology Architecture