

**Mental Health YS\*5.01\*179**

**Deployment, Installation, Back-Out, and Rollback  
Guide**



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## Revision History

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# 1. Introduction

This document describes how to deploy and install the patch YS\*5.01\*179 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\*179 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\*179. This is a web application only patch and will only require a Post-Install step once the web application has been deployed by the Azure application team.

**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\*179 will be available for installation and deployment at all sites.

### **3.1. Timeline**

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

### **3.2. Site Readiness Assessment**

This section discusses the locations that will receive the YS\*5.01\*179 deployment.

#### **3.2.1. Deployment Topology (Targeted Architecture)**

YS\*5.01\*179 will be deployed to the Azure application server. Local sites as well as regional data centers will only need to execute the Post-Installation steps in order to access the web application.

#### **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\*179 which will be deployed to all Vista systems.

#### **3.2.3. Site Preparation**

YS\*5.01\*179 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\*179.

### **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\*179 is released, the released-patch notification will be sent from the NationalPatch 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 users must have the following Secondary Menu assigned:

- YS BROKER1

#### **4.6.2. Add the necessary SECURITY KEYS**

No new Security Keys required.

### **4.7. Configure MHA Web on the CPRS Tools Menu**

This procedure configures VistA so that “MHA Web” appears as a choice on a user’s Tools menu on the CPRS desktop software. MHA Web must be started from the CPRS Tools Menu.

Go to the GUI TOOL Menu, Select 4 for System. At the Select Sequence prompt, enter the sequence number to assign for MHA Web. The Name=Command is

MHA web=https://<server>/app/home?station=<station number>&poi=%DFN

You need to substitute the <server> with the MHA Web server name “mha.med.va.gov” and the <station number> with your VistA instance station number.



**Example:** The example below shows the set up of MHA Web on the CPRS Tools menu from the GUI TOOLS MENU [ORW TOOL MENU ITEMS] option:

```
<CPM> Select OE/RR MASTER MENU <NGOLD> Option: ^GUI TOOL Menu Items
CPRS GUI Tools Menu may be set for the following:
  1  User          USR      [choose from NEW PERSON]
  2  Location      LOC      [choose from HOSPITAL LOCATION]
  2.5 Service      SRV      [choose from SERVICE/SECTION]
  3  Division      DIV      [LYNCHBURG (CLL)]
  4  System        SYS      [NGOLD.DEVSLC.FO-SLC.MED.VA.GOV]
  9  Package       PKG      [ORDER ENTRY/RESULTS REPORTING]

Enter selection: 4 System NGOLD.DEVSLC.FO-SLC.MED.VA.GOV

-- Setting CPRS GUI Tools Menu for System: NGOLD.DEVSLC.FO-SLC.MED.VA.GOV --
Select Sequence: 5
Are you adding 5 as a new Sequence? Yes// <enter> YES

Sequence: 5// <enter> 5
Name=Command:MHA Web=https://mha.med.va.gov/app/home?station=999&poi=%DFN
Select Sequence: <enter>
```

## 4.8. Database Tuning

No database tuning 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\*179 patch is backed out, there will be minimal impact to users other than MHA Web will no longer be available to non-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 the MHA Web will be unavailable.

### **5.5. Authority for Back-Out**

The VistA system manager determines if a back-out of YS\*5.01\*179 should be considered.

### **5.6. Back-Out Procedure**

In order to back out the CPRS Tools menu option, go to the GUI Tools Menu option

Select 4 System

Select the Sequence number for the MHA Web option.

Enter @ at the Sequence number prompt to delete it from the list.

### **5.7. Back-out Verification Procedure**

To verify the back-out procedure, run CPRS, select a patient, and click on the Tools option. Verify that MHA Web no longer exists in the list.

## **6. Rollback Procedure**

### **6.1. Rollback Considerations**

YS\*5.01\*179 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