



# Optimization and Simplification tips for Deploying z/VM Products

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# Introduction to Broadcom's z/VM Products

Today, we will be going over the following Broadcom z/VM products with respect to optimized deployment and installation strategies:

[VM:Account 1.7 RSU-1901](#)

[VM:Archiver 2.4 RSU-2201](#)

[VM:Backup 3.6 RSU-2601](#)

[VM:Backup HiDRO 2.8 RSU-2201](#)

[VM:Batch 1.4 RSU-1901](#)

[VM:Operator 3.1 RSU-2301](#)

[VM:Product Manager 2.1 RSU-1901](#)

[VM:Secure 3.2 RSU-2401](#)

[VM:Spool 1.8 RSU-1901](#)

[VM:Spool 1.7 V/SEG RSU-1901](#)

[VM:Tape 2.0 RSU-1901](#)





# z/VM VMSES Servicing – Broadcom Products

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# VMSES With Broadcom Service Overview

IBM VMSES Service components are broken down into these main exec's / steps:  
**VMFSETUP** - Sets up minidisk and SFS directories access order for the component being serviced.

**VMFREC** – Processes installation tapes, service tapes and service envelopes.  
Servicing Broadcom products is generally done with service envelopes

**VMFAPPLY** - Updates the maintenance level of the specified component based on the set of PTFs defined in the specified apply and exclude.

**VMFBLD** – Build's objects (such as MODULE files, nucleus load decks, saved segments, execs, XEDIT files, and so on).

Broadcom Service Component:

**VMDEPLOY** – This command copies product materials from minidisks owned by a product user ID (service disks) to public minidisks, or minidisks defined for a product Server Virtual Machine.

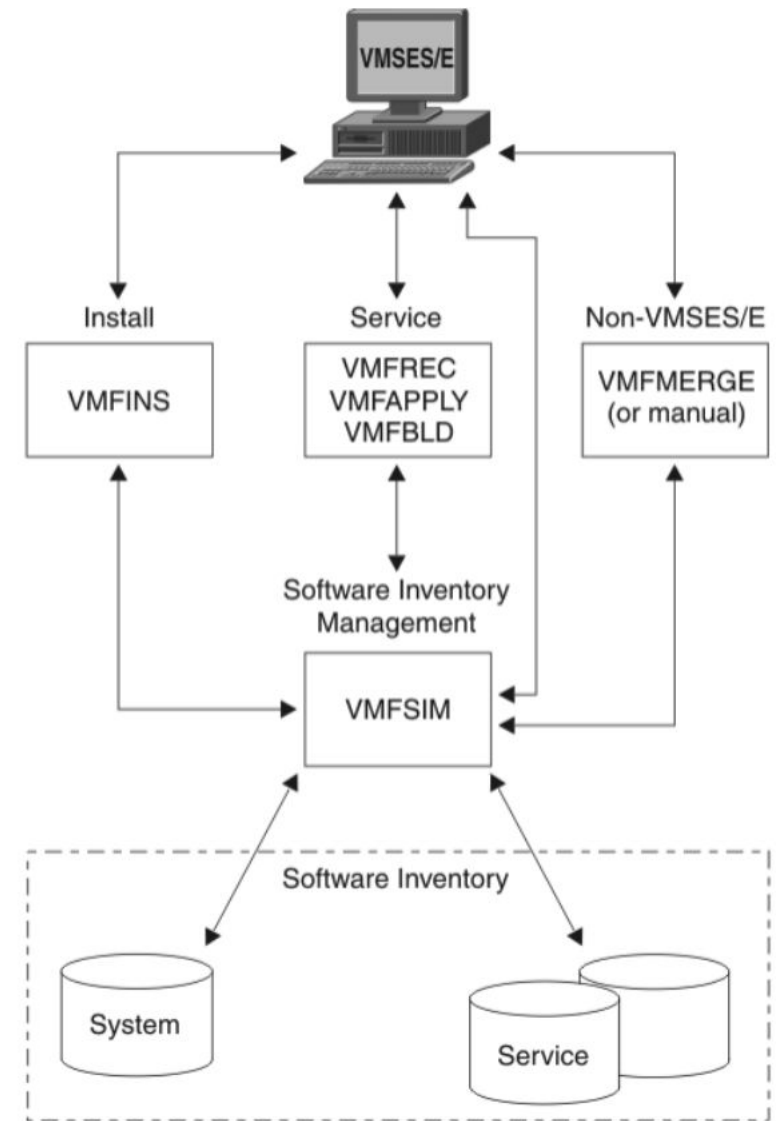


Figure 3. VMSES/E - Installing, Migrating, Building, and Deleting Products



# General Steps To Make It Happen - VMSES and Broadcom Servicing a PTF

## 1. Prepare Service

### [Prepare to Receive Service](#)

Load informational files and establish search order.  
Uses **VMSES VMFSETUP**.

## 2. Receive Service

### [Receive the Service](#)

Load product service from PTF envelope using **VMSES VMFREC**.

## 3. Apply Service

### [Apply the Service](#)

Define new level and validate PTFs using **VMSES VMFAPPLY**.

## 4. Update Status Table

### [Update Build Status Table](#)

Update table with STATUS option via **VMSES VMFBLD**.

## 5. Build Objects

### [Build Serviced Objects](#)

Build objects with SERVICED option via **VMSES VMFBLD**.

## 6. Deployment

### [Deploy Service to Production](#)

**Broadcom Command:** Use **VMDEPLOY** to copy code from production userid disks to environment disks.





# VMDEPLOY Expanded

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# VMDEPLOY - Functional Overview

## **VMDEPLOY *server* INIT PRIMARY|ALTERNATE**

- Use when running VMDEPLOY to a newly defined product server for the first time.
- Modifies PROFILE EXEC, adds PROFRUN EXEC and any needed product CONFIG FILES and TEMPLATES.

## **VMDEPLOY *server* INIT ONLY**

- Use when instructed to after installing a PTF. Will not change existing CONFIG files. May change PROFILE/PROFRUN or add new CONFIG files.
- Useful when modifying a product deployment to add optional worker machines not installed during initial deployment.

## **VMDEPLOY *server* PRIMARY|ALTERNATE|PREVIOUS**

- Use to deploy the current version of the installed, serviced product code to the indicated runtime environment.
- The source location is always the current version of the product code on the installation UserID.

## **VMDEPLOY *server* CLONE source\_location target\_location**

- Use to duplicate a currently deployed runtime environment (source\_location) to another runtime environment (target\_location).



# VMDEPLOY Example Service Procedure

Initial product installation

**VMDEPLOY *server* INIT PRIMARY**

Service product with one or more PTFs and test

**VMDEPLOY *server* ALTERNATE ( LIST**

- Begin testing of this service cycle by changing *server* runtime to ALTERNATE
- Apply some additional critical PTFs to code base, DO NOT deploy yet

Move tested product service to production after saving current production code level

**VMDEPLOY *server* CLONE PRIMARY PREVIOUS**

Preserves current production (PRIMARY) runtime code to backup location (PREVIOUS)

**VMDEPLOY *server* CLONE ALTERNATE PRIMARY**

Copy tested product service from test (ALTERNATE) to production (PRIMARY) and change *server* runtime back to PRIMARY

Begin testing new product service cycle

**VMDEPLOY *server* ALTERNATE ( LIST**



# VMDEPLOY *server* PRIMARY|ALTERNATE|PREVIOUS - Environment Deployment Visualization

## Source Code

### Product Code UserID

```
USER ZVMX032A NOLOG 128K 1M G 64
MDISK 2C4 3390 2063 5 SPACE3 MR
MDISK 02A6 3390 1312 5 SPACE2 MR
MDISK 2A2 3390 643 5 SPACE1 MR
MDISK 2D2 3390 2507 60 SPACE2 MR
MDISK 0210 3390 471 28 SPACE1 MR
MDISK 212 3390 46 5 SPACE4 MR
MDISK 214 3390 50 1 SPACE3 MR
MDISK 02C2 3390 50 2 SPACE2 MR
MDISK 0218 3390 499 10 SPACE1 MR
MDISK 02B2 3390 597 35 SPACE3 MR
```

### VMSES Serviced Code

VMDEPLOY VMSECURE PRIMARY

#### Runtime: PRIMARY

```
Tag: runtime      Value: VMSECURE 192
Tag: admin        Value: VMSECURE 176
Tag: public       Value: VMANAGER PUBLIC
Tag: help         Value: VMANAGER HELP
```

VMDEPLOY VMSECURE ALTERNATE

#### Runtime: ALTERNATE

```
Tag: altruntime   Value: VMSECURE 292
Tag: altadmin     Value: VMSECURE 276
Tag: altpublic    Value: VMSECURE 293
```

VMDEPLOY VMSECURE PREVIOUS

#### Runtime: PREVIOUS

```
Tag: prevruntime  Value: VMSECURE 492
Tag: prevadmin    Value: VMSECURE 476
Tag: prevpublic   Value: VMSECURE 493
```



# VMDEPLOY server CLONE source target - Environment CloneVisualization

## Runtime: PRIMARY

```
Tag: runtime      Value: VMSECURE 192
Tag: admin        Value: VMSECURE 176
Tag: public       Value: VMANAGER PUBLIC
Tag: help         Value: VMANAGER HELP
```

## Runtime: PREVIOUS

```
Tag: prevruntime  Value: VMSECURE 492
Tag: prevadmin    Value: VMSECURE 476
Tag: prevpublic   Value: VMSECURE 493
```

## Runtime: ALTERNATE

```
Tag: altruntime  Value: VMSECURE 292
Tag: altadmin    Value: VMSECURE 276
Tag: altpublic   Value: VMSECURE 293
```

## Runtime: PRIMARY

```
Tag: runtime      Value: VMSECURE 192
Tag: admin        Value: VMSECURE 176
Tag: public       Value: VMANAGER PUBLIC
Tag: help         Value: VMANAGER HELP
```

⋮





# Servicing, Cloning and Deploying in Practice

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# Download the PTF – VM:Secure Example

support.broadcom.com/group/aex/downloads

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Important: You are accessing an internal view of this application.

## My Downloads

All Divisions VM:Secure Show Results Reset Search

Free Software Downloads available [HERE](#) Registry Tokens

VM:Secure for z/VM

1 to 1 of 1 records



# Select the Release Version – VM:Secure Example

The screenshot displays the Broadcom website's internal view for VM:Secure for z/VM. At the top, the Broadcom logo and navigation links (Products, Solutions, Support and Services, Company, How To Buy) are visible. A yellow banner indicates that the user is accessing an internal view. The main content area shows the breadcrumb path '← VM:Secure for z/VM' and a 'Solution Download Help' button. Below this, there are tabs for 'Products' and 'Solutions', with a red arrow pointing to the 'Solutions' tab. A search bar labeled 'Search by Product Name' is present. The main content area is titled 'VM:Secure MSU VM' and contains a dropdown menu for 'Release'. The dropdown menu is open, showing two options: '3.2' and '3.1', with a red arrow pointing to the '3.2' option. Below the dropdown, there are three product entries: 'VM:Secure VM FOR LINUX', 'VM:Secure VM', and 'VM:Secure VM', each with a right-pointing arrow.

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Important: You are accessing an internal view of this application.

← VM:Secure for z/VM

Products Solutions

Search by Product Name

VM:Secure MSU VM

Release

3.2

3.1

VM:Secure VM FOR LINUX

VM:Secure VM

VM:Secure VM






















# Select the PTF – VM:Secure Example

← VM:Secure MSU VM 3.2

[? Solution Download Help](#)

Add All To Download Manager

Critical/HIPER	Published Solution	Component	Published On	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>RULEUPDT: QUERY - VMXRUL0039E INVALID PARAMETER 'USEVMAPI'</b> FIX #LU19301 I for VM 2.31 MB	VM:Secure for z/VM	01/21/2026	<input type="checkbox"/>		
	<b>PREVENT FALSE VMXCFH0295E MESSAGES WHEN DIRECTORY INIT FAILS</b> FIX #LU18742 I for VM 28.36 KB	VM:Secure for z/VM	12/04/2025	<input type="checkbox"/>		
	<b>ABEND RXB105 PXG105 OR PXG120 AFTER A DIRECTORY REBUILD</b> FIX #LU18513 I for VM 2.27 MB	VM:Secure for z/VM	12/02/2025	<input type="checkbox"/>		
	<b>MANAGE: ERRORS USING SOME SKELETON FILES WHEN ADDING USERS.</b> FIX #LU18383 I for VM 25.55 KB	VM:Secure for z/VM	10/10/2025	<input type="checkbox"/>		
	<b>SERVANT FACILITY ERRORS AFTER ASSIGN OF SERVANT USER ID.</b> FIX #LU17998 I for VM 2.34 MB	VM:Secure for z/VM	09/25/2025	<input type="checkbox"/>		
	<b>ENH: SUPPORT NEW NICDEF TYPE=EQDIO DIRECTORY STATEMENT</b> FIX #LU17894 I for VM 125.16 KB	VM:Secure for z/VM	09/03/2025	<input type="checkbox"/>		
	<b>SECURE MFA CONNECTION FAILURES AND ABEND WITH LARGE SERVER</b> FIX #LU17710 I for VM 113.98 KB	VM:Secure for z/VM	08/06/2025	<input type="checkbox"/>		
	<b>RULEUPDT ALLOWS DELETED USERS TO BE USED WHEN ADDING RULES.</b> FIX #LU17277 I for VM 2.06 MB	VM:Secure for z/VM	07/24/2025	<input type="checkbox"/>		
	<b>CORRECT SURROGATE VM:SECURE API COMMAND PROCESSING</b> FIX #LU16703 I for VM 2.28 MB	VM:Secure for z/VM	07/18/2025	<input type="checkbox"/>		
	<b>IMPROVE MAINT MANAGE HOLD BY VMXMA02221 DIAGNOSTICS</b>					



# Download the PTF to Desktop

## Solution Description

### PROBLEM DESCRIPTION:

The VM:Secure RULEUPDT QUERY subcommand does not recognize "USEVMAPI" as a valid rule type. When used, it results in error:

```
VMXRUL0039E Invalid parameter 'USEVMAPI'
```

### SYMPTOMS:

Using the VM:Secure RULEUPDT command with the QUERY subcommand, when the specified rule type is USEVMAPI, the command fails with error VMXRUL0039E Invalid parameter 'USEVMAPI'. For example:

```
vmsecure ruleupdt system * query accept user * usevmapi  
VMXRUL0039E Invalid parameter 'USEVMAPI'.
```

### IMPACT:

Because the RULEUPDT QUERY subcommand fails for rule type "USEVMAPI", it makes it more difficult to obtain a concise list of users and/or groups that have a USEVMAPI system rule defined.

### CIRCUMVENTION:

You can issue a generic RULEUPDT with QUERY subcommand to obtain the list of every system rule that is defined. For example:

```
vmsecure ruleupdt system * query * * * *
```

Then manually or programmatically filter the returned output to get the list of USEVMAPI system rules.

### PRODUCT(S) AFFECTED:

CA VM:Secure for z/VM Release 3.2

### RESOLUTION:

1. Transfer the fix portion of the PTF to your VM system as an ASCII transfer:
  - \* If you are using FTP, specify ASCII prior to starting the transfer.
  - \* If you are using a terminal emulator that invokes INDSFILE specify or select the ASCII, and CR/LF options.
2. Transfer or rename the file with the name LU19301 EXEC.
3. On VMANAGER, execute the LU19301 EXEC to create the LU19301 SERVLINK file to be used as input to the VMSES service process in the product documentation Install Guide.

← Problem Description



← Symptoms

← Impact

← Circumvention

← Transfer Instructions

## Solution Downloads

File Name	File Size	File Description	Download	MD5 Checksum	SHA256 Checksum
LU19301.BIN	2.31 MB	-	 	4ddf5808fb17a82701e874eb7ae1e032	09d228fcc30c09ae985bfe41a614159680db57da127aaef9418198bc35e722d



# Upload the .BIN File Up To VMANAGER

Upload File via IND\$FILE (Local to Host Copy)

Source file:  
(local)

Text-Mode       Add/Remove CR at EOL  
 Binary-Mode       Convert ASCII to EBCDIC

Destination file:  
(remote)

Append to file  
 DCB

Environment:       TSO       ISPF (TSO)       VM/CMS

IND\$FILE PUT LU19301 EXEC A (ASCII CRLF)



# Servicing Your Product – VM:Secure Example After Running LU19301 EXEC

```
VMANAGER FILELIST A0 V 169 Trunc=169 Size=2 Line=1 Col=1 Alt=0
Cmd  Filename  Filetype  Fm Format  Lrecl  Records  Blocks  Date  Time
-----
LU19301  SERVLINK  A1 V      143     48437    489    5/27/26 11:23:14
LU19301  EXEC      A1 V      78      30238    591    5/27/26 11:21:54
```



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### Clarity (16.4.2)

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### Endpoint Protection (SEP) (all)

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**Mainframe Software**

Symantec Security Software

VMware® Security and Load Balancing

VMware Tanzu Software

## Mainframe Software

VM:Secure



Sort by: **Relevance**



### VM:Secure™ for z/VM with security

Implement a security and directory management system for z/VM.

Last Updated September 26, 2025

### VM:Secure™ for z/VM without security

Implement a security and directory management system for z/VM.

Last Updated September 29, 2025



# TechDocs – How to Find Our Servicing your Product Guide

## VM:Secure™ for z/VM - 3.2 (with security management)

### CHANGE VERSION

3.2

English

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### Overview

### Announcements and News

### Release Notes

### Getting Started

### Installing

Preparing for Installation

Installing Product Materials

Deploying the Product

Servicing Your Product

Installing a Product RSU (Recommended Service Upgrade)

References

Create Product Parameter File (PPF) Override

Product Tags in VMSEVER NAMES

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## Servicing Your Product

Service is a process that includes the following:

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Search this product

Service is a process that includes the following:

- Correcting a software problem
- Circumventing a software problem
- Adding function to a previously installed product

There are two basic types of service, *corrective* and *preventive*.

- Corrective service is intended to resolve a specific software defect. A corrective service envelope contains a specific Program Temporary Fix (PTF) for one specific problem, plus any requisite fixes.
- Preventive service is a collection of fixes as of a certain calendar date. It might contain all published PTFs, or some subset of them (for example, high impact fixes). The procedure for processing either type of service is identical, so the procedures below work for either type. In a collection of fixes, VMSES will ignore any fixes in the collection which have already been applied to your product materials.

#### NOTE

For more information about VMSES Service Process, see the chapter "Using VMSES/E for Service" in the IBM VMSES/E Introduction and Reference manual.

Servicing VMSES/E components consists of the following steps; each step is described in detail in later sections.

- 1 [Prepare to Receive Service](#)  
Load informational files from the PTF envelope file. Establish the search order for working with the product code. Optionally, you may merge the alternate APPLY disk to the production APPLY disk to isolate the new service you are about to receive.
- 2 [Receive the Service](#)  
Load the product service from the PTF envelope file, using the VMSES VMFREC command.

### On this page

- Step 1. Prepare to Receive Service
    - Step 1.1. Prepare the VMANAGER Administration User ID
    - Step 1.2. Receive the Documentation
    - Step 1.3. (Optional) Merge the Alternate APPLY Disk
  - Step 2. Receive the Service
  - Step 3. Apply the Service
  - Step 4. Update the Build Status Table
- You must Enter ZERO (0), then press ENTER to have the latest levels of the source product parameter files copied to your A-Disk. VMFBLD will complete with RC=500. Then issue the following sequence of commands:
- Step 5. Build Serviced Objects
  - Step 6. Deploy Service to Production

### Was this page helpful?

Documentation Feedback

Last Updated September 26, 2025



# Servicing Your Product – VMFSETUP *ppfname* component ( LINK

```
VMFSETUP zvmx032a VMSECURE ( LINK
```

```
VMFSET2760I VMFSETUP processing started for ZVMX032A VMSECURE
VMFSET2204I Linking ZVMX032A 2C4 as 2C4 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2C4 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 2A6 as 2A6 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2A6 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 2A2 as 2A2 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2A2 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 2D2 as 2D2 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2D2 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 210 as 210 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 210 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 212 as 212 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 212 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 214 as 214 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 214 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 2C2 as 2C2 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2C2 MR'
```



# Servicing Your Product – VMFSETUP Cont.

```
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 218 as 218 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 218 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 2B2 as 2B2 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2B2 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFUTL2205I Minidisk|Directory Assignments:
String      Mode  Stat  Vdev  Label  (OwnerID 0dev : Cyl/%Used)
           -or-
           SFS Directory Name
VMFUTL2205I LOCALMOD  E    R/W   2C4   LMODZ  (ZVMX032A 02C4 :    5/01)
VMFUTL2205I LOCALSAM  F    R/W   2C2   SAMPZ  (ZVMX032A 02C2 :    2/59)
VMFUTL2205I APPLY    G    R/W   2A6   APPLX  (ZVMX032A 02A6 :    5/15)
VMFUTL2205I         H    R/W   2A2   APPLZ  (ZVMX032A 02A2 :    5/01)
VMFUTL2205I DELTA    I    R/W   2D2   DELTZ  (ZVMX032A 02D2 :   40/74)
VMFUTL2205I BUILDSRV J    R/W   210   BLD0Z  (ZVMX032A 0210 :   30/36)
VMFUTL2205I BUILDADM K    R/W   212   BLD2Z  (ZVMX032A 0212 :   10/23)
VMFUTL2205I BUILDPUB L    R/W   214   BLD4Z  (ZVMX032A 0214 :    1/61)
VMFUTL2205I BUILDHLP M    R/W   218   BLD6Z  (ZVMX032A 0218 :   10/82)
VMFUTL2205I BASE1    N    R/W   2B2   BAS1Z  (ZVMX032A 02B2 :   35/82)
VMFUTL2205I BASE2    O/O  R/O   190   MNT490 (MAINT    0190 :  207/60)
VMFUTL2205I BASE2    S    R/O   190   MNT490 (MAINT    0190 :  207/60)
VMFUTL2205I ----- A    R/W   191   VMN191 (VMANAGER 0191 :   76/46)
VMFUTL2205I ----- B    R/W   195   VMN195 (VMANAGER 0195 :   15/56)
VMFUTL2205I ----- C    R/O   DIR   VMA:RUNTIME.SERVLINK
```



# Servicing Your Product – VMFSETUP Cont.

```
VMFUTL2205I ----- D R/W 51D VMN51D (VMANAGER 051D : 5/47)
VMFUTL2205I ----- V R/W 1FF VMN1FF (VMANAGER 01FF : 5/05)
VMFUTL2205I ----- W R/W 193 VMN193 (VMANAGER 0193 : 15/36)
VMFUTL2205I ----- X R/O 5E5 MNT5E5 (MAINT720 05E5 : 40/31)
VMFUTL2205I ----- Y/S R/O 19E MNT19E (MAINT 019E : 500/40)
VMFSET2760I VMFSETUP processing completed successfully (RC=0)
```

Ready;



## Servicing Your Product – VMFREC INFO ( ENV *envfilename*

```
VMFREC INFO ( ENV LU19301
```

```
VMFREC2760I VMFREC processing started
```

```
VMFREC1852I Volume 1 of 1 of COR ENVELOPE created on 15 January 26
```

```
VMFREC2159I Loading COR 6115 to 191 (A)
```

```
VMFREC2159I Loading COR DOCUMENT to 191 (A)
```

```
VMFREC2159I Loading ZVMX032A MEM0 to 191 (A)
```

```
VMFREC2160I There are 3 tape file(s) for ZVMX032A VMSECURE on volume 1
```

```
VMFREC2760I VMFREC processing completed successfully
```

```
Ready;
```



# Servicing Your Product – VMFVIEW RECEIVE

```
====> VMFVIEW - Message Log Browse of $VMFREC $MSGLOG A1 <====
You are viewing ST: messages from the LAST run.
Number of messages shown = 8 <====> Number of messages not shown = 0
*****
*****                               INFO Function                               *****
*****                               *****
*****                               Date: 2026-05-27                               Time: 11:30:23                               *****
*****                               *****
ST:VMFREC2195I VMFREC INFO ( MEMOS LOG ENV LU19301
ST:VMFREC2760I VMFREC processing started
ST:VMFREC1852I Volume 1 of 1 of COR ENVELOPE created on 15 January 26
ST:VMFREC2159I Loading COR 6115 to 191 (A)
ST:VMFREC2159I Loading COR DOCUMENT to 191 (A)
ST:VMFREC2159I Loading ZVMX032A MEMO to 191 (A)
ST:VMFREC2160I There are 3 tape file(s) for ZVMX032A VMSECURE on volume 1
ST:VMFREC2760I VMFREC processing completed successfully
* * * End of File * * *
```

- 1=Help
- 2=All
- 3=Quit
- 4=Exception
- 5=Status
- 6=Build
- 7=Backward
- 8=Forward
- 9=OutCompRq
- 10=Non-Stat
- 11=Requisite
- 12=Severe



## Servicing Your Product – VMFREC *ppfname component* ( ENV *envfilename*

```
VMFREC PPF ZVMX032A VMSECURE ( ENV LU19301
VMFREC2760I VMFREC processing started
VMFREC1852I Volume 1 of 1 of COR ENVELOPE created on 15 January 26
VMFREC1851I (1 of 3) VMFRCAXL processing AXLIST
VMFRCX2159I Loading 4 part(s) to DELTA 2D2 (I)
VMFRCX2193I Appending new Apply list ZVMX032A $APPLIST to the existing list on DELTA 2D2 (I)
VMFRCX2193I Appending new Exclude list ZVMX032A $EXCLIST to the existing list on DELTA 2D2 (I)
VMFREC1851I (2 of 3) VMFRCPTF processing PARTLIST
VMFRCX2159I Loading 1 part(s) to DELTA 2D2 (I)
VMFREC1851I (3 of 3) VMFRCRCCOM processing DELTA
VMFRCX2159I Loading 2 part(s) to DELTA 2D2 (I)
VMFREC2189I Updating Requisite table ZVMX032A SRVREQT, Description table ZVMX032A SRVDESCCT and Receive Status table ZVMX032A
SRVRECS with 1 new PTFs from COR 6115
VMFREC2760I VMFREC processing completed successfully
Ready;
```



# Servicing Your Product – VMFVIEW RECEIVE

```
==> VMFVIEW - Message Log Browse of $VMFREC $MSGLOG A1 <==
You are viewing ST: messages from the LAST run.
Number of messages shown = 34 <==> Number of messages not shown = 0
ST:VMFUTL2205I ----- A    R/W   191  VMN191 (VMANAGER 0191 : 76/46)
ST:VMFUTL2205I ----- B    R/W   195  VMN195 (VMANAGER 0195 : 15/56)
ST:VMFUTL2205I ----- C    R/O   DIR   VMA:RUNTIME.SERVLINK
ST:VMFUTL2205I ----- D    R/W   51D  VMN51D (VMANAGER 051D : 5/47)
ST:VMFUTL2205I ----- V    R/W   1FF  VMN1FF (VMANAGER 01FF : 5/05)
ST:VMFUTL2205I ----- W    R/W   193  VMN193 (VMANAGER 0193 : 15/36)
ST:VMFUTL2205I ----- X    R/O   5E5  MNT5E5 (MAINT720 05E5 : 40/31)
ST:VMFUTL2205I ----- Y/S  R/O   19E  MNT19E (MAINT    019E : 500/40)
ST:VMFREC1852I Volume 1 of 1 of COR ENVELOPE created on 15 January 26
ST:VMFREC1851I (1 of 3) VMFRCAXL processing AXLIST
ST:VMFRCX2159I Loading 4 part(s) to DELTA 2D2 (I)
ST:VMFRCX2193I Appending new Apply list ZVMX032A $APPLIST to the existing list on DELTA 2D2 (I)
ST:VMFRCX2193I Appending new Exclude list ZVMX032A $EXCLIST to the existing list on DELTA 2D2 (I)
ST:VMFREC1851I (2 of 3) VMFRCPTF processing PARTLST
ST:VMFRCP2159I Loading 1 part(s) to DELTA 2D2 (I)
ST:VMFREC1851I (3 of 3) VMFRCCOM processing DELTA
ST:VMFRCC2159I Loading 2 part(s) to DELTA 2D2 (I)
ST:VMFREC2189I Updating Requisite table ZVMX032A SRVREQT, Description table ZVMX032A SRVDESCT and Receive Status table ZVMX032A
ST:
SRVRECS with 1 new PTFs from COR 6115
ST:VMFREC2760I VMFREC processing completed successfully
* * * End of File * * *
1=Help      2=All      3=Quit      4=Exception 5=Status    6=Build
7=Backward  8=Forward  9=OutCompRq 10=Non-Stat 11=Requisite 12=Severe
```



# Servicing Your Product – VMFAPPLY PPF *ppfname* component

```
VMFAPPLY PPF ZVMX032A VMSECURE
```

```
VMFAPP2760I VMFAPPLY processing started
```

```
VMFAPP2106I Apply list ZVMX032A contains 1 PTFs that need to be applied and 125 PTFs that are already applied
```

```
VMFAPP2102I 1 of 1 PTFs processed
```

```
VMFAPP2105I VMFAPPLY processing completed successfully.
```

```
    The Apply list ZVMX032A contains 126 PTFs.
```

```
    125 PTFs were already applied.
```

```
    1 PTFs applied successfully.
```

```
    0 PTFs were included.
```

```
    0 PTFs were excluded or require excluded PTFs.
```

```
    0 PTFs failed
```

```
VMFAPP2103I The Software Inventory has been updated on the 2A6 (G) disk
```

```
Ready;
```



# Servicing Your Product – VMFVIEW APPLY

```
====> VMFVIEW - Message Log Browse of $VMFAPP $MSGLOG A1 <====
You are viewing ST: messages from the LAST run.
Number of messages shown = 153 <====> Number of messages not shown = 0
ST:VMFAPP1949I PTF S009158 for product ZVMX032A%VMSECURE has already been applied
ST:VMFAPP1949I PTF S010011 for product ZVMX032A%VMSECURE has already been applied
ST:VMFAPP1949I PTF S010299 for product ZVMX032A%VMSECURE has already been applied
ST:VMFAPP1949I PTF S010756 for product ZVMX032A%VMSECURE has already been applied
ST:VMFAPP1949I PTF S011027 for product ZVMX032A%VMSECURE has already been applied
ST:VMFAPP1949I PTF S011251 for product ZVMX032A%VMSECURE has already been applied
ST:VMFAPP1949I PTF S011362 for product ZVMX032A%VMSECURE has already been applied
ST:VMFAPP1949I PTF S011790 for product ZVMX032A%VMSECURE has already been applied
ST:VMFAPP1949I PTF S011943 for product ZVMX032A%VMSECURE has already been applied
ST:VMFAPP2106I Apply list ZVMX032A contains 1 PTFs that need to be applied and 125 PTFs that are already applied
ST:VMFAPP2115I Validating PTF LU19301
ST:VMFAPP2101I PTF LU19301 has been validated successfully
ST:VMFAPP2105I VMFAPPLY processing completed successfully.
ST:
The Apply list ZVMX032A contains 126 PTFs.
ST:
125 PTFs were already applied.
ST:
1 PTFs applied successfully.
ST:
0 PTFs were included.
ST:
0 PTFs were excluded or require excluded PTFs.
ST:
0 PTFs failed
ST:VMFAPP2103I The Software Inventory has been updated on the 2A6 (G) disk
* * * End of File * * *
1=Help      2=All      3=Quit      4=Exception 5=Status    6=Build
7=Backward  8=Forward  9=OutCompRq 10=Non-Stat 11=Requisite 12=Severe
====>
```



## Servicing Your Product – VMFBLD PPF *ppfname* component ( STATUS

```
VMFBLD PPF ZVMX032A VMSECURE ( STATUS
```

```
VMFUTL2767I Reading VMFINS DEFAULTS X for additional options
```

```
VMFBLD2760I VMFBLD processing started
```

```
VMFBLD1851I Reading build lists
```

```
VMFBLD2182I Identifying new build requirements
```

```
VMFBLD2182I New build requirements identified
```

```
VMFBLD2180I There are 1 build requirements remaining
```

```
VMFBLD2760I VMFBLD processing completed successfully
```

```
Ready;
```



# Servicing Your Product – VMFVIEW BUILD

```
====> VMFVIEW - Message Log Browse of $VMFBLD $MSGLOG A1 <====
You are viewing ST: messages from the LAST run.
Number of messages shown = 27 <====> Number of messages not shown = 3
ST:VMFUTL2205I DELTA      I      R/W    2D2    DELTZ  (ZVMX032A 02D2 : 40/74)
ST:VMFUTL2205I BUILDSRV   J      R/W    210    BLD0Z  (ZVMX032A 0210 : 30/36)
ST:VMFUTL2205I BUILDDADM  K      R/W    212    BLD2Z  (ZVMX032A 0212 : 10/23)
ST:VMFUTL2205I BUILDPUB   L      R/W    214    BLD4Z  (ZVMX032A 0214 : 1/61)
ST:VMFUTL2205I BUILDHLP   M      R/W    218    BLD6Z  (ZVMX032A 0218 : 10/82)
ST:VMFUTL2205I BASE1      N      R/W    2B2    BAS1Z  (ZVMX032A 02B2 : 35/82)
ST:VMFUTL2205I BASE2      O/O    R/O    190    MNT490 (MAINT     0190 : 207/60)
ST:VMFUTL2205I BASE2      S      R/O    190    MNT490 (MAINT     0190 : 207/60)
ST:VMFUTL2205I -----   A      R/W    191    VMN191 (VMANAGER  0191 : 76/46)
ST:VMFUTL2205I -----   B      R/W    195    VMN195 (VMANAGER  0195 : 15/56)
ST:VMFUTL2205I -----   C      R/O    DIR    VMA:RUNTIME.SERVLINK
ST:VMFUTL2205I -----   D      R/W    51D    VMN51D (VMANAGER  051D : 5/47)
ST:VMFUTL2205I -----   V      R/W    1FF    VMN1FF (VMANAGER  01FF : 5/05)
ST:VMFUTL2205I -----   W      R/W    193    VMN193 (VMANAGER  0193 : 15/36)
ST:VMFUTL2205I -----   X      R/O    5E5    MNT5E5 (MAINT720  05E5 : 40/31)
ST:VMFUTL2205I -----   Y/S    R/O    19E    MNT19E (MAINT     019E : 500/40)
ST:VMFBLD1851I Reading build lists
ST:VMFBLD2182I Identifying new build requirements
ST:VMFBLD2182I New build requirements identified
ST:VMFBLD2760I VMFBLD processing completed successfully
* * * End of File * * *
 1=Help      2=All      3=Quit      4=Exception 5=Status    6=Build
 7=Backward  8=Forward  9=OutCompRq 10=Non-Stat 11=requisite 12=Severe
====>
```



## Build Served Objects – VMFBLD PPF *ppfname* component ( SERVICED

```
VMFBLD PPF ZVMX032A VMSECURE ( SERVICED
```

```
VMFUTL2767I Reading VMFINS DEFAULTS X for additional options
```

```
VMFBLD2760I VMFBLD processing started
```

```
VMFBLD1851I Reading build lists
```

```
VMFBLD2182I Identifying new build requirements
```

```
VMFBLD2182I No new build requirements identified
```

```
VMFBLD1851I (1 of 1) VMFBDCOM processing VMXBLSXF EXEC N, target is BUILDSRV 210 (J)
```

```
VMFBDC2219I Processing object RULEUPDT.VMSECURE
```

```
VMFBLD1851I (1 of 1) VMFBDCOM completed with return code 0
```

```
VMFBLD2180I There are 0 build requirements remaining
```

```
VMFBLD2760I VMFBLD processing completed successfully
```

```
Ready;
```



# VMFVIEW BUILD

```
====> VMFVIEW - Message Log Browse of $VMFBLD $MSGLOG A1 <====
You are viewing ST: messages from the LAST run.
Number of messages shown = 30 <====> Number of messages not shown = 1
ST:VMFUTL2205I BUILDPUB L R/W 214 BLD4Z (ZVMX032A 0214 : 1/61)
ST:VMFUTL2205I BUILDHLP M R/W 218 BLD6Z (ZVMX032A 0218 : 10/82)
ST:VMFUTL2205I BASE1 N R/W 2B2 BAS1Z (ZVMX032A 02B2 : 35/82)
ST:VMFUTL2205I BASE2 O/O R/O 190 MNT490 (MAINT 0190 : 207/60)
ST:VMFUTL2205I BASE2 S R/O 190 MNT490 (MAINT 0190 : 207/60)
ST:VMFUTL2205I ----- A R/W 191 VMN191 (VMANAGER 0191 : 76/46)
ST:VMFUTL2205I ----- B R/W 195 VMN195 (VMANAGER 0195 : 15/56)
ST:VMFUTL2205I ----- C R/O DIR VMA:RUNTIME.SERVLINK
ST:VMFUTL2205I ----- D R/W 51D VMN51D (VMANAGER 051D : 5/47)
ST:VMFUTL2205I ----- V R/W 1FF VMN1FF (VMANAGER 01FF : 5/05)
ST:VMFUTL2205I ----- W R/W 193 VMN193 (VMANAGER 0193 : 15/36)
ST:VMFUTL2205I ----- X R/O 5E5 MNT5E5 (MAINT720 05E5 : 40/31)
ST:VMFUTL2205I ----- Y/S R/O 19E MNT19E (MAINT 019E : 500/40)
ST:VMFBLD1851I Reading build lists
ST:VMFBLD2182I Identifying new build requirements
ST:VMFBLD2182I No new build requirements identified
ST:VMFBLD1851I (1 of 1) VMFBDCOM processing VMXBLSXF EXEC N, target is BUILDSRV 210 (J)
ST:VMFBDC2219I Processing object RULEUPDT.VMSECURE
ST:VMFBLD1851I (1 of 1) VMFBDCOM completed with return code 0
ST:VMFBLD2760I VMFBLD processing completed successfully
* * * End of File * * *
1=Help 2=All 3=Quit 4=Exception 5=Status 6=Build
7=Backward 8=Forward 9=OutCompRq 10=Non-Stat 11=Requisite 12=Severe
====>
```





# Deploying and Cloning to Environments

June 10, 2026



# VMSERVER VMSECURE – PRIMARY Runtime

```
====> NAMES (Product Server panel)   File: VMSERVER NAMES   V1
Fill in the fields and press a PFkey to display and/or change your names file
Nickname: VMSECURE   Product: CA VM:Secure (TM) Version 03.2
PPF Name: ZVMX032A VMSECURE

Runtime Environment: PRIMARY
Server Startup Command: VMXSYS C SOURCE
Deployable tag names: runtime admin public
Administration ID links: ADMIN 1F0 READPASS
:
:

Tag: runtime           Value: VMSECURE 192
Tag: admin             Value: VMSECURE 176
Tag: public           Value: VMANAGER PUBLIC
Tag: help              Value: VMANAGER HELP
Tag: altruntime       Value: VMSECURE 292
Tag: altadmin         Value: VMSECURE 276
Tag: altpublic        Value: VMSECURE 293
Tag: prevruntime      Value: VMSECURE 492
Tag: prevadmin        Value: VMSECURE 476

1= Help      2= Add      3= Quit      4= Clear      5= Find      6= Change
7= Previous  8= Next     9= Delete   10= PrevScrn 11= NextScrn 12= Cursor
====> Screen 1 of 3 <=====
====>
```



# Cloning to Previous Runtime Environment - VMDEPLOY VMSECURE CLONE PRIMARY PREVIOUS

## VMDEPLOY VMSECURE CLONE PRIMARY PREVIOUS

```
VMFSET2760I VMFSETUP processing started for ZVMX032A VMSECURE
VMFSET2204I Linking ZVMX032A 2C4 as 2C4 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2C4 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 2A6 as 2A6 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2A6 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 2A2 as 2A2 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2A2 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 2D2 as 2D2 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2D2 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 210 as 210 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 210 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 212 as 212 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 212 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 214 as 214 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 214 MR'
VMXACJ0172I Accepted via system rule: ACCEPT VMANAGER LINK ( NOPASS
VMFSET2204I Linking ZVMX032A 2C2 as 2C2 with link mode MR
VMXACJ0171I CP command 'LINK ZVMX032A 2C2 MR'
```



## Cloning to Previous Runtime Environment - VMDEPLOY VMSECURE CLONE PRIMARY PREVIOUS

```
VMFSET2760I VMFSETUP processing completed successfully (RC=0)  
DMSVML2060I VMSECURE 192 linked M as 0121 file mode Z
```

```
Copying VMSECURE 192 (filemode Z ) to PREVRUNTIME ( VMSECURE 492 )  
No files removed.  
No files added  
No files updated  
DASD 0121 DETACHED  
DMSVML2060I VMSECURE 176 linked M as 0121 file mode Z
```

```
Copying VMSECURE 176 (filemode Z ) to PREVADMIN ( VMSECURE 476 )  
No files removed.  
No files added  
No files updated  
DASD 0121 DETACHED  
DMSVML2060I VMANAGER 193 linked M as 0193 file mode W
```

```
Copying VMANAGER PUBLIC (filemode W ) to PREVPUBLIC ( VMSECURE 493 )  
149 files added.  
No files updated  
Ready;
```



# Deploying PTF – VMDEPLOY to Alternate Runtime for Testing

## VMDEPLOY VMSECURE ALTERNATE (LIST)

```
VMFSEI2760I VMFSEIUP processing started for ZVMX032A VMSECURE
VMFUTL2205I Minidisk|Directory Assignments:
          String      Mode  Stat  Vdev  Label  (OwnerID Odev : Cyl/%Used)
          -or-          SFS Directory Name
VMFUTL2205I LOCALMOD  E    R/W   2C4   LMODZ  (ZVMX032A 02C4 : 5/01)
VMFUTL2205I LOCALSAM  F    R/W   2C2   SAMPZ  (ZVMX032A 02C2 : 2/59)
VMFUTL2205I APPLY      G    R/W   2A6   APPLX  (ZVMX032A 02A6 : 5/15)
VMFUTL2205I          H    R/W   2A2   APPLZ  (ZVMX032A 02A2 : 5/01)
VMFUTL2205I DELTA     I    R/W   2D2   DELTZ  (ZVMX032A 02D2 : 40/74)
VMFUTL2205I BUILDSRV  J    R/W   210   BLD0Z  (ZVMX032A 0210 : 30/36)
VMFUTL2205I BUILDADM  K    R/W   212   BLD2Z  (ZVMX032A 0212 : 10/23)
VMFUTL2205I BUILDPUB  L    R/W   214   BLD4Z  (ZVMX032A 0214 : 1/61)
VMFUTL2205I BUILDHLP  M    R/W   218   BLD6Z  (ZVMX032A 0218 : 10/82)
VMFUTL2205I BASE1     N    R/W   2B2   BAS1Z  (ZVMX032A 02B2 : 35/82)
VMFUTL2205I BASE2     O/O  R/O   190   MNT490 (MAINT 0190 : 207/60)
VMFUTL2205I BASE2     S    R/O   190   MNT490 (MAINT 0190 : 207/60)
VMFUTL2205I -----  A    R/W   191   VMN191 (VMANAGER 0191 : 76/46)
VMFUTL2205I -----  B    R/W   195   VMN195 (VMANAGER 0195 : 15/56)
VMFUTL2205I -----  C    R/O   DIR   VMA:RUNTIME.SERVLINK
VMFUTL2205I -----  D    R/W   51D   VMN51D (VMANAGER 051D : 5/47)
VMFUTL2205I -----  V    R/W   1FF   VMN1FF (VMANAGER 01FF : 5/05)
VMFUTL2205I -----  W    R/W   193   VMN193 (VMANAGER 0193 : 15/36)
VMFUTL2205I -----  X    R/O   5E5   MNT5E5 (MAINT720 05E5 : 40/31)
VMFUTL2205I -----  Y/S  R/O   19E   MNT19E (MAINT 019E : 500/40)
```



# Deploying PTF– Cont.

```
VMFSET2760I VMFSETUP processing completed successfully (RC=0)
VMFUTL2767I Reading VMFINS DEFAULTS X for additional options
VMFBLD2760I VMFBLD processing started
VMFBLD1851I Reading build lists
VMFBLD2182I Identifying new build requirements
VMFBLD2182I No new build requirements identified
VMFBLD2180I There are 0 build requirements remaining
VMFBLD2760I VMFBLD processing completed successfully
```

```
Copying BUILDSRV (filemode J ) to ALTRUNTIME ( VMSECURE 292 )
No files removed.
No files added
RULEUPDT VMSECURE updated.
```

```
Copying BUILDADM (filemode K ) to ALTADMIN ( VMSECURE 276 )
No files removed.
No files added
No files updated
```

```
Copying BUILDPUB (filemode L ) to ALTPUBLIC ( VMSECURE 293 )
No files added
No files updated
Ready;
```



## Checking the PTF - VMPTFS *name ptfid*

ZVMX032A: CA VM:Secure (TM) Version 03.2

PTF: LU19301

RECEIVED 05/27/26 11:43:43

APPLIED 05/27/26 11:47:30

DEPLOYED 05/27/26 12:02:47 TESTCP9A.VMSECURE.ALTERNATE

Ready;



# VMSERVER VMSECURE – Change ALTERNATE Runtime Enviroment

```
====> NAMES (Product Server panel)   File: VMSERVER NAMES   V1
Fill in the fields and press a PFkey to display and/or change your names file
Nickname: VMSECURE   Product: CA VM:Secure (TM) Version 03.2
PPF Name: ZVMX032A VMSECURE
```

**Runtime Environment: ALTERNATE**

```
Server Startup Command: VMXSYS C SOURCE
Deployable tag names: runtime admin public
Administration ID links: ADMIN 1F0 READPASS
:
:
```

Tag: runtime	Value: VMSECURE	192	
Tag: admin	Value: VMSECURE	176	
Tag: public	Value: VMANAGER	PUBLIC	
Tag: help	Value: VMANAGER	HELP	
Tag: altruntime	Value: VMSECURE	292	←
Tag: altadmin	Value: VMSECURE	276	←
Tag: altpublic	Value: VMSECURE	293	←
Tag: prevruntime	Value: VMSECURE	492	
Tag: prevadmin	Value: VMSECURE	476	

1= Help      2= Add      3= Quit      4= Clear      5= Find      **6= Change**  
7= Previous   8= Next      9= Delete    10= PrevScrn   11= NextScrn   12= Cursor

====> Screen 1 of 3 <=====



# Restart Your Product – Testing the PTF in the Alternate Runtime Environment

By issuing *productname* Restart we access the product environment code disks set by the *VMSEVER Names* file.

```
vmsecure restart  
Ready;
```



## Check the VM Product Is Using the Alternate Product Environment – Sanity Check...

Check that the ALTERNATE disks are accessed by reviewing the VMSECURE console log. On the last occurrence of the VMISTART, ensure that the alternate disk (292) replaced the 192 disk.

```
VMISTA672I VMISTART will try to restart VMSECURE.  
z/VM V7.2.0    2023-07-31 07:49  
DMSACP723I D (192) R/0  
DASD 01FF LINKED R/0; R/W BY VMANAGER ; R/0 BY OPERATOR  
DMSACP723I Z (1FF) R/0  
DASD 01FE LINKED R/0; R/W BY VMANAGER ; R/0 BY OPERATOR  
DMSACP723I X (1FE) R/0  
RUNNING THE PROFRUN EXEC  
VMISTA          VMISTART Server Start-up Procedure          05/18/26  
-----  
DMSACC724I 292 replaces D (192)  
DMSACP723I D (292) R/0  
VMISTA          VMSECURE Start-up Procedure          05/18/26  
-----
```



# VMDEPLOY VMSECURE CLONE ALTERNATE PRIMARY

## VMDEPLOY VMSECURE CLONE ALTERNATE PRIMARY

VMFSET2760I VMFSETUP processing started for ZVMX032A VMSECURE

VMFUTL2205I MinidiskIDirectory Assignments:

	String	Mode	Stat	Vdev	Label	(OwnerID Odev : Cyl/%Used)
					-or-	SFS Directory Name
VMFUTL2205I	LOCALMOD	E	R/W	2C4	LMODZ	(ZVMX032A 02C4 : 5/01)
VMFUTL2205I	LOCALSAM	F	R/W	2C2	SAMPZ	(ZVMX032A 02C2 : 2/59)
VMFUTL2205I	APPLY	G	R/W	2A6	APPLX	(ZVMX032A 02A6 : 5/15)
VMFUTL2205I		H	R/W	2A2	APPLZ	(ZVMX032A 02A2 : 5/01)
VMFUTL2205I	DELTA	I	R/W	2D2	DELTZ	(ZVMX032A 02D2 : 40/74)
VMFUTL2205I	BUILDSRV	J	R/W	210	BLD0Z	(ZVMX032A 0210 : 30/36)
VMFUTL2205I	BUILDADM	K	R/W	212	BLD2Z	(ZVMX032A 0212 : 10/23)
VMFUTL2205I	BUILD PUB	L	R/W	214	BLD4Z	(ZVMX032A 0214 : 1/61)
VMFUTL2205I	BUILDHLP	M	R/W	218	BLD6Z	(ZVMX032A 0218 : 10/82)
VMFUTL2205I	BASE1	N	R/W	2B2	BAS1Z	(ZVMX032A 02B2 : 35/82)
VMFUTL2205I	BASE2	O/O	R/O	190	MNT490	(MAINT 0190 : 207/60)
VMFUTL2205I	BASE2	S	R/O	190	MNT490	(MAINT 0190 : 207/60)
VMFUTL2205I	-----	A	R/W	191	VMN191	(VMANAGER 0191 : 76/46)
VMFUTL2205I	-----	B	R/W	195	VMN195	(VMANAGER 0195 : 15/56)
VMFUTL2205I	-----	C	R/O	DIR	VMA:RUNTIME.SERVLINK	
VMFUTL2205I	-----	D	R/W	51D	VMN51D	(VMANAGER 051D : 5/47)
VMFUTL2205I	-----	V	R/W	1FF	VMN1FF	(VMANAGER 01FF : 5/05)
VMFUTL2205I	-----	W	R/W	193	VMN193	(VMANAGER 0193 : 15/36)
VMFUTL2205I	-----	X	R/O	5E5	MNT5E5	(MAINT720 05E5 : 40/31)
VMFUTL2205I	-----	Y/S	R/O	19E	MNT19E	(MAINT 019E : 500/40)



# VMDEPLOY VMSECURE CLONE ALTERNATE PRIMARY

```
VMFSET2760I VMFSETUP processing completed successfully (RC=0)
```

```
DMSVML2060I VMSECURE 292 linked M as 0121 file mode Z
```

```
Copying VMSECURE 292 (filemode Z ) to RUNTIME ( VMSECURE 192 )
```

```
No files removed.
```

```
No files added
```

```
One file updated.
```

```
DASD 0121 DETACHED
```

```
DMSVML2060I VMSECURE 276 linked M as 0121 file mode Z
```

```
Copying VMSECURE 276 (filemode Z ) to ADMIN ( VMSECURE 176 )
```

```
No files removed.
```

```
No files added
```

```
No files updated
```

```
DASD 0121 DETACHED
```

```
DMSVML2060I VMSECURE 293 linked M as 0120 file mode Z
```

```
Copying VMSECURE 293 (filemode Z ) to PUBLIC ( VMANAGER 193 )
```

```
No files added
```

```
No files updated
```

```
DASD 0120 DETACHED
```

```
Ready;
```



# VMSERVER VMSECURE – PRIMARY Runtime

```
====> NAMES (Product Server panel)   File: VMSERVER NAMES   V1
Fill in the fields and press a PFkey to display and/or change your names file
Nickname: VMSECURE   Product: CA VM:Secure (TM) Version 03.2
PPF Name: ZVMX032A VMSECURE

Runtime Environment: PRIMARY
Server Startup Command: VMXSYS C SOURCE
Deployable tag names: runtime admin public
Administration ID links: ADMIN 1F0 READPASS
:
:

Tag: runtime           Value: VMSECURE 192
Tag: admin             Value: VMSECURE 176
Tag: public            Value: VMANAGER PUBLIC
Tag: help              Value: VMANAGER HELP
Tag: altruntime        Value: VMSECURE 292
Tag: altadmin          Value: VMSECURE 276
Tag: altpublic         Value: VMSECURE 293
Tag: prevruntime       Value: VMSECURE 492
Tag: prevadmin         Value: VMSECURE 476

1= Help      2= Add      3= Quit      4= Clear      5= Find      6= Change
7= Previous  8= Next     9= Delete    10= PrevScrn 11= NextScrn 12= Cursor
=====> Screen 1 of 3 <=====

====>
```



# VMSERVER VMSECURE – PREVIOUS Runtime

```
====> NAMES (Product Server panel)   File: VMSERVER NAMES   V1
Fill in the fields and press a PFkey to display and/or change your names file
Nickname: VMSECURE   Product: CA VM:Secure (TM) Version 03.2
PPF Name: ZVMX032A VMSECURE
```

```
Runtime Environment: PREVIOUS
```

```
Server Startup Command: VMXSYS ( SOURCE
Deployable tag names: runtime admin public
Administration ID links: ADMIN 1F0 READPASS
:
:
```

```
Tag: runtime      Value: VMSECURE 192
Tag: admin        Value: VMSECURE 176
Tag: public       Value: VMANAGER PUBLIC
Tag: help         Value: VMANAGER HELP
Tag: altruntime   Value: VMSECURE 292
Tag: altadmin     Value: VMSECURE 276
Tag: altpublic    Value: VMSECURE 293
Tag: prevruntime  Value: VMSECURE 492
Tag: prevadmin    Value: VMSECURE 476
```

```
1= Help      2= Add      3= Quit      4= Clear      5= Find      6= Change
7= Previous  8= Next     9= Delete    10= PrevScrn 11= NextScrn 12= Cursor
```

```
Entry has been changed in your VMSERVER NAMES file
```



# Resources

Important Links:

[Support Dashboard](#)

[Broadcom TechDocs](#)

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# Thank You



**BROADCOM®**