

**Vanilla Management System (VMS)**

Installation Manual for Release

NOV\_VMSGPRHOST\_R90\_RELEASE

*Strictly Private and Confidential*

# Documentation Control

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| **Ver. No.** | **Author/s** | **Reason of Change** | **Date of Change** | **Reviewed by** | **Review Date** |
| 1 |  | Document Creation | 27/Nov/2024 | Evandro Bandiera |  |

# Purpose of the Document

This document is prepared to describe the steps for implementation of consolidated database release. This is in line with the approach submitted to minimize downtime during deployment.

# Patch installation on UNIX environment

## Prerequisite

1. Oracle client or Oracle database is required on the machine from where this patch will be executed.
2. If the patch executed from oracle client machine, then client should have proper TNS entry in TNSNAMES.ora file.
3. Take a **proper** back up of schema before executing these scripts.

## Steps to follow for consolidated release:

1. Take login of **VMSCMS** schema and execute below command:

@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE/CHECK\_ME\_FIRST.sql;

1. Check **CHECK\_ME\_FIRST.log** file generated in the below folder:

/VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/LOG

If message in Log file is “**RELEASE VMSGPRHOST\_R90 IS ALREADY INSTALLED**” then it indicates given release is already installed. Don’t proceed further.

If message in Log file is “**PLEASE IMPLEMENT FURTHER RELEASES AFTER RELEASE NUMBER** “then it indicates previous releases are missing on setup and appropriate action needs to be taken. Don’t proceed further.

If message in Log file is “**PLEASE EXECUTE THE RELEASE VMSGPRHOST\_R90**” then proceed further.

1. Run script to create new edition.

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/CREATE\_EDITION.sql**

1. Run script to switch edition.

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/SWITCH\_EDITION.sql**

1. Run script to run actualization VMSCMS.

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/VALIDATE\_OBJECTS\_REUSE.sql**

1. Run script to run actualization FSFW.

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/VALIDATE\_OBJECTS\_REUSE\_FSFW.sql**

1. Run script to run actualization APP\_FSAPI\_USER.

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/VALIDATE\_OBJECTS\_REUSE\_FSAPI.sql**

1. Run script to run actualization DBA\_OPERATIONS.

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/VALIDATE\_OBJECTS\_REUSE\_DBA\_OPERATIONS.sql**

1. Run script to run actualization VMSCMS\_HISTORY.

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/VALIDATE\_OBJECTS\_REUSE\_VMSCMS\_HISTORY.sql**

1. Please execute below command to capture the before-deployment invalid objects count:

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/CHECK\_INVALID\_CNT\_Before.sql**

1. Please execute below command to execute VMS\_R90 Components:

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/rootfolder/release/VMSGPRHOST\_RELEASE.sql**

1. Please execute below command to check the after-deployment invalid objects count:

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/CHECK\_INVALID\_CNT\_After.sql**

1. Run below script to compile the INVALID schema Objects.

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE/COMPILE\_SCHEMAS.sql**

1. Check the log files generated in **NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/LOG folder**. Open the log files and search for **ORA**- error. If any ORA-error is found in any of the log file, then execute rollback script. Share all the log files with FSS for further analysis.

***Note: Once OPS team confirmed everything looks good with latest edition then only OPS DBA  have to change default edition. To change default edition run the below script.***

1. Run script to set new edition as default and pin the hash values.

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/SET\_DEFAULT\_EDITION.sql**

1. Run script to drop old unused editions

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/DDL/DROP\_UNUSED\_OLD\_EDITION.sql**

# Rollback

1. Execute below script to check the version:

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE/ROLLBACK\_CHECK\_ME\_FIRST.sql;**

1. Open **ROLL\_CHECK\_ME\_FIRST.log** file generated in

**NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/LOG folder.** If message in Log file is “**PLEASE EXECUTE ROLLBACK FOR RELEASE *VMSGPRHOST\_R90***” then proceed else contact FSS Onsite Technical Support.

3. Execute below command to roll back the release patch:

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE/ROLLBACK\_VMSGPRHOST\_RELEASE.sql;**

If message in Log file is **“ROLLBACK IS ALREADY EXECUTED FOR VMSGPRHOST\_R90” then** itindicates given release is already installed.

4. Run the scripts to drop the edition R000 and set Default R90 Edition:

**@$VMS\_HOME/NOV\_VMSGPRHOST\_R90\_RELEASE/ROOTFOLDER/RELEASE\_B0/ROLLBACK/DROP\_EDITION.sql**

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