Approved: Andreas Henningsson

Copyright Mobeon AB All rights reserved Author: Joakim Nilsson Title: GI-NTF Mobeon Internal

No: 1.GI.CRH 109 127 Uen

Version: A Date: 2006-12-20

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# GI -NTF

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#### History

Version	Date	Adjustments
Α	2006-12-20	New patch build

### 1 Introduction

This document describes how to build an NTF release and a patch for the NTF release.

### 2 Deliverable Files

Name	Description	Environment
ntf_ <rev>_crh109127.<arch>.sh</arch></rev>	The base version	



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	delivery file. <rev> is a filename- friendly encoding of the R-state, e.g.: r6a <arch> is the computer architecture, e.g: solaris8</arch></rev>	
<pre><patch id="">.<build nr="">.crh109127.<arch>.zip</arch></build></patch></pre>	The patch delivery file. <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	

# 3 Libraries produced but not delivered

Name	Description	Environment
<library name=""></library>		

# 4 Libraries used

Name	Description	Environment

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### 5 Make information

#### 5.1 Build Patch

The patch is build upon the SUN patch packages. This patch build extends the foundation interface for patch building of components, se [1].

- Change directory to /vobs/ipms/ntf/tools
- 2. Edit the mkpatch.cfg file with the environment variables in (Table 1, chapter 5.2) correct values.
  - **NOTE**: Check in the file mkpatch.cfg in the vob after successful build.
- Add the files that shall be included in patch delivery. List the files in file /vobs/ipms/ntf/patches/BuildPatchFiles/pkg/prototype.template with type of file, target location, source location, file permission, owner and group.

<file type> none <target>=<source> <file permission> <owner> <group>

#### Example:

f none bin/ntf.jar=/vobs/ipms/ntf/bin/ntf.jar 0644 root other f none bin/ntfagent=/vobs/ipms/ntf/bin/ntfagent 0755 root other

Verify that you have all files listed in the prototype.template file that shall be delivered with the patch.

**NOTE:** Check in the file prototype.template in the vob after successful build.

- 4. Run the script mkpatch.sh
  - % ./mkpatch.sh
- 5. Answers to the questions if you want to use the environment variables in Table 1 in the patch build.
- 6. Answers to the question if you want to lable all files in the NTF vob with the patch ID.
- 7. Wait until the script has finished execution with the result COMPLETED.
- 8. A delivery file and a README file is generated in the /vobs/ipms/ntf/delivery directory
- 9. Verify the information in the README file.

**NOTE**: If this patch obsoletes other patches, it's recommended to use the latest version of the obsolete patches README file and edit that file with new information of this patch. This saves a lot of time since you need the information about obsolete patches in the README file.

- 10. Verify the delivery file.
- 11. Make VOB elements of the delivery file and the README file in directory /vobs/ipms/ntf/patches.



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### 5.2 Environment Variables

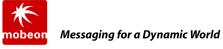
#### Table 1

Variable Name	Description	Value
VERSION	The NTF base vesrsion	R11B
PATCHID	The ID of the patch. <b>NOTE</b> : The build number must be incremented for each build.	1_NTF_R11B.001
PKG	The abbreviation package name	LMENtf
PKGNAME	The full package name and short description	NTF Notification Server
PLATFORM	The target platform where the patch can be installed.	SOL_8
OBSOLETES	Optional parameter. ID of patches that are obsoleted by this patch.	1_NTF_R11B.001
REQUIRES	Optional parameter. ID of patches required by this patch. <b>NOTE</b> : The patch installation terminates if the required patches is not installed.	2_NTF_R11B.002
INCOMPAT	Optional parameter. ID of patches that are NOT compatible with this patch. <b>NOTE</b> : The patch installation terminates if incompatible patches are installed.	1_NTF_R11B.001

## **5.3 Reserved Component Settings**

The reserved component settings below defined in [1] are used by NTF in the comp $\_*$  scripts.

- noselfdiag (comp\_preinstall, comp\_postinstall)
- noshutdownbefore (comp\_preinstall)



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- nostartafter (comp\_postinstall)
- dostartafter (comp\_postinstall)
- nounlockafter (comp\_postinstall)
- dounlockafter (comp\_postinstall)

### 5.4 Component Scripts

The component scripts are located in /vobs/ipms/ntf/patches/BuildPatchFiles/pkg directory. The scripts are copied to the /vobs/ipms/ntf/build directory at build time. The following component scripts exists:

- comp\_checkinstall This script checks that the environment is OK.
- comp\_preinstall This script runs the health check, stores the administrative state, the operational state, shutdown NTF and stop NTF.
- comp\_postinstall This script start NTF, restores the administrative state and runs the health check.
- comp\_preremove This script stop NTF before uninstallation.
- comp\_postremove This script start NTF after uninstallation.

### 6 References

[1] GI - Foundation 1/GI-CRH 109 581/1 Uen

## 7 Terminology

Term Explanation