

# Script to download TL and SP for AIX using NIM and SUMA

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Well, we know IBM's fix central exists and you can register and download any Tls, SPs or efixes among tons of important information but sometimes it is slow, difficult to download it. So, using a tool from IBM known as S.U.M.A (Service Update Management Assistant) we'll be able to download any Tls/SPs/APARs and in the same time create a lpp\_source on NIM server.

I have made a simple script to download it from a NIM server and it automatically creates the lpp\_source.

Here's the code:

```
1          #!/usr/bin/ksh
2
3          #
4          # Copyright (C) 2012 Israel Garcia iga3725 @
5          # yahoo.com
6          #
7          # This program is free software: you can redistribute
8          # it and/or modify
9          # it under the terms of the GNU General Public
10         # License as published by
11         # the Free Software Foundation, either version 3 of
12         # the License, or
13         # (at your option) any later version.
14         #
```

```
12      # This program is distributed in the hope that it will
13      be useful,
14
15      # but WITHOUT ANY WARRANTY; without even
16      the implied warranty of
17
18      # MERCHANTABILITY or FITNESS FOR A
19      PARTICULAR PURPOSE. See the
20
21      # GNU General Public License for more details.
22
23      #
24
25      # You should have received a copy of the GNU
26      General Public License
27
28      # along with this program.
29
30      #
31
32      # This script automatically download TL and SP and
33      create a LPP resource on
34
35      # the nim server.
36
37      # In this example, we're going to:
38
39      # 1- download from fix central AIX 7.1's TL3-SP3
40      to a directory on NIM.
41
42      # 2- create a lpp_source on NIM server from the
43      above directory.
44
45      #
46
47      mkdir /SOME_PATH/images/aix71latest
48      &gt;/dev/null</code>
```

```
31
32     AIXPackages=/SOME_PATH/images/aix71latest
33
34     # Deleting old files
35
36     rm -f "$AIXPackages"/*
37
38     # Download code from fix central
39
40     suma -x -a RqType=TL -a RqName=7100-03 -a
41     FilterML=7100-00 -a DLTARGET="$AIXPackages"
42
43     suma -x -a RqType=SP -a RqName=7100-03-03 -a
44     FilterML=7100-03 -a DLTARGET="$AIXPackages"
45
46     if [[ $? -ne 0 ]];then exit 127
47
48     fi
49
50     inutoc "$AIXPackages"/
51
52     mv "$AIXPackages"/installp/ppc/*.bff
53     "$AIXPackages"
54
55     rm "$AIXPackages"/installp/ppc/.toc
56
57     rmdir "$AIXPackages"/installp/ppc/
58
59     rmdir "$AIXPackages"/installp/
```

```
# Create LPP resource on NIM

nim -o remove LPP_aix71latest

nim -o define -t lpp_source -a server=master -a
location="$AIXPackages" LPP_aix71latest


# Renaming files *.bff

bffcreate -c -d "$AIXPackages"

# End
```

Don't forget to set HTTP\_PROXY variable if your behind a firewall.

Please see the whole info regarding NIM and SUMA.

[http://www14.software.ibm.com/webapp/set2/sas/f/best/Managing\\_AIX\\_Updates\\_Best\\_Practices.pdf](http://www14.software.ibm.com/webapp/set2/sas/f/best/Managing_AIX_Updates_Best_Practices.pdf)

Hope this helps.

Just thanks if the post was helpful

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