

Update Fixpack & Interim Fix

Update 7200-04-00-0000 to 7200-05-06-2320

Update Fixpacks

Download

- Instruction: <https://www.ibm.com/support/pages/updating-new-technology-level-or-service-pack>
- Download: <https://www.ibm.com/support/fixcentral/aix/selectFixes?release=7.2&function=release>

???????

1. ?????????????????????????????????
2. ???? IBMid???????? Email ???
3. ??????
 1. HTTPS ??
 2. ??? ISO ?? (??? 7-8 GB)

Pre-Checks

1.System Backup

?? VG: rootvg ??????? PV?PV ???????? rootvg ?????

```
# ?? VG: rootvg 0 hdisk1, 000 hdisk1 0000
alt_disk_copy -B -d hdisk1
```

NOTE: ?? VG: rootvg ??? PV ? Mirror??????????

```
# ?? rootvg 0 hdisk6
mkszfile
```

```
sed 's/COPIES= [2-3]/COPIES= 1/g' /image.data > /image.data.one_copy  
nohup alt_disk_copy -B -i /image.data.one_copy -d hdisk6 > clonelog.log &
```

Optional: PV VG

```
exportvg hdisk6
```

2.Boot Image Verification

hd5

```
root@aixvm:> lslv -m hd5  
  
hd5:N/A  
LP  PP1  PV1      PP2  PV2      PP3  PV3  
0001 0001 hdisk0
```

3.Firmware

It is recommended to check and update the firmware level when a technology level update is being considered. In general, it's best to apply firmware updates before software updates, but that is not always the case.

4.Fileset Consistency

Ideally, it returns to the command line with no output. If you receive output and are unfamiliar with how to resolve it, call the support center for assistance before running your update.

```
lppchk -v
```

Install the fixpacks

H11072988.iso

```
mkdir /mnt/iso  
loopmount -i H11072988.iso -o "-V cdrfs -o ro" -m /mnt/iso
```

1.???

```
installp
```

```
# Check if any EFI-X installed, if so, remove it before update.
```

```
lspp -e
```

```
emgr -r -L <EFI-X-Label>
```

```
# Using smitty
```

```
smitty install_latest
```

```
# Using CLI
```

```
installp -acd /mnt/iso bos.rte.install
```

```
# Check the version
```

```
lspp -L | grep bos.rte.install
```

- INPUT device / directory for software : [/mnt/iso]
- SOFTWARE to update : bos.rte.install
- PREVIEW only? (install operation will NOT occur) : no

2.PREVIEW: yes

```
smitty update_all
```

- INPUT device / directory for software : [/mnt/iso]
- SOFTWARE to update : _update_all
- PREVIEW only? (install operation will NOT occur) : yes
- COMMIT software updates? : no
- SAVE replaced files? : yes
- ...
- ACCEPT new license agreements? : yes

3.PREVIEW: no

- PREVIEW only? (install operation will NOT occur) : no

Post checks

Check the Technology Level (TL) and Service Pack (SP)

```
# Check TL
```

```
oslevel -r
```

```
# Check SP
```

```
oslevel -s
```

Check Fileset Consistency

```
# Ideally, it returns to the command line with no output.
```

```
lppchk -v
```

Interim Fix (APAR)

URL to check the APAR number

[https://www.ibm.com/support/pages/apar/\[apar number\]](https://www.ibm.com/support/pages/apar/[apar number])

Interim fix installation

```
# List all interim fixes on the system
```

```
emgr -l
```

```
emgr -l IJ50602m7a
```

```
# Preview & Install an interim fix package
```

```
emgr -p -e IJ50602m7a.240409.epkg.Z
```

```
emgr -X -e IJ50602m7a.240409.epkg.Z
```

FAQ

EFIX MANAGER LOCKS

“ EFIX MANAGER LOCKS

* * * ATTENTION * * *

The following selected filesets are locked by EFIX manager:

bos.rte.control

installp has halted this operation because one or more files in the filesets listed above are registered as having an EFIX. You must remove these EFIXES before performing operations on the given fileset.

To get a listing of all locked filesets and the locking EFIX label, execute the following command:

```
# /usr/sbin/emgr -P
```

To remove the given EFIX, execute the following command:

```
# /usr/sbin/emgr -r -L <EFIX label>
```

For more information on EFIX management please see the emgr man page and documentation.

Solution:

```
# List the EFIX installed
```

```
emgr -l
```

```
# List the EFIX locked
```

```
emgr -P
```

```
# Remove the EFIX locked
```

```
emgr -r -L <EFIX label>
```

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