## How to mirror the rootvg in

## AIX?

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How to mirror the rootvg in AIX?
This procedure is to assume the rootvg having hdisk0 and we need to take a mirror to hdisk1.
1. Ground work:
<b>lspv</b> > find out the none disk on the server for the mirroring.
<b>bootinfo -s hdisk1</b> > check the size of the hdisk1 (It should be equal or bigger than hdisk0)
2. Mirror the rootvg
extendvg rootvg hdisk1> Extend hdisk1 into the rootvg (force to extend if it throws error
"extendvg -f rootvg hdisk1")

mirrovg -S rootvg hdisk1 --> To initiate the mirror in background which help us to access the rootvg
volume group

**lsvg rootvglgrep -i stale -->** To check status of the sync process. (Execute the cmd again and again until the stale PPs becomes zero

**lsvg -l rootvg** --> Check and confirm the number of PPs is double than number of LPs.

**bosboot -ad /dev/hdisk1** --> To create the boot images on hdisk1

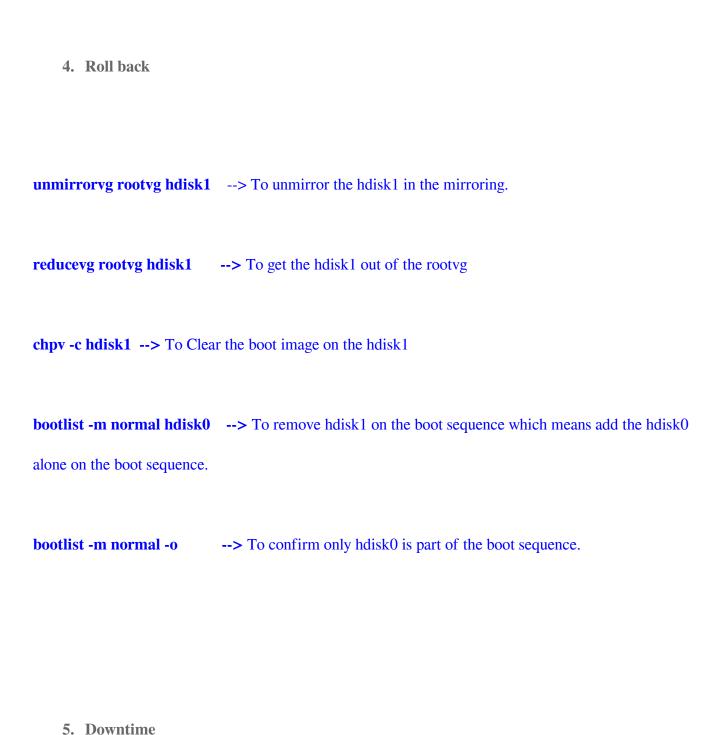
**bootlist -m normal hdisk0 hdisk1 -->** To add the hdisk1 on the bootlist.

**bootlist -m normal -o** --> To confirm both hdisk0 and hdisk1 is part of the boot sequence.

## 3. Validation

lsvg -l rootvg --> Check and confirm the number of PPs is double than number of LPs.

**lsvg rootvglgrep -i stale** --> To check the number of stale pp is Zero



NO downtime required for this mirror process.

