ArchiverLocal-abr

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Goal: To have local access to cases 30 – 60 days old, as well as an archive of local text products. Run WES4.0 on this Fedora Core 2 box with a large volume drive /data.

1. Started with the original na1-abr (Dell Precision wksn 420 , dual 1Ghz cpu's, 1 GIG Mem, 36Gbyte SCSI HD) box which was removed from service when the current na1-abr arrived. Added 3 SEA-ST3400832A 7200 rpm UltrIDE (400Gbyte) hd's @ $385.00 ea, 1 NEC ND-3500A DVD+RW/-RW CD/DVD IDE Drive @ $89.00.

2. Loaded Fedora Core 2 Workstation from CD's provided by CRH. I chose to set this box up on the UNIX segment of our office LAN, and after it passed Harris Scan, move it to AWIPS, changing network settings. For disk management I chose manual mode and setup the drives per below, and also used RAID in order to get the contiguous volume for /data.

3. LC New -> hda ,   mount on /boot   1000Mb   Primary
    LC New -> hda ,   mount on /   10000Mb   Primary
    LC New -> hda ,   Swap   2000Mb
    a. LC Raid -> create new Raid, select sda -> fill to max -> OK.
    b. LC Raid -> create new Raid, select hdc -> fill to max -> OK
    c. LC Raid -> create new Raid, select hdb -> fill to max -> OK
    d. LC Raid -> create new Raid, select hda -> fill to max -> OK
    e. LC Raid -> select center radio button to combine all above Raids created, into MD0. mount point = /data, approx 1.1Terabyte.

4. Formats drives and installs FC 2 per your rpm selection (I selected default).

5. Ran YUM_CRH V1.0 updates per http://intra.crh.noaa.gov/crh/programs/systems/fitts/list_apps.php

6. Installed k3b DVD burner package for KDE from http://www.k3b.org/, and did have some library dependencies to deal with, before a successful load.

7. Ran Harris Scan for current configuration files.

8. Changed network settings for inside KABR AWIPS LAN and connected to it. We used our old Appl-abr IP.

9. Then we installed Gerry Rigdon's 30 day viewable archiver located on the LAD http://140.90.90.253/~applications/LAD/generalsearchapp.php3. Installed WES

4.0 instead of V2.0. I also just tarred up my Localization on the WES and put it on this box, same dir /awips/fxa/WEScustomization/ABR .

10. Installed Text Archiver per Gerry Rigdon, using Informix triggers for each text product we wanted to archive.

11. Added the AWIPS printers.

12. We added a switch to our na1-abr box to share kybd, mouse and 1 monitor. Users login as fxa, start d2d and can look back 30 – 90 days, depending on our data archive settings. They can also view and print archived text products locally.