UseNet News:

Planning a UseNet Site

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Introduction

- **What is UseNet ?**

- a world-wide distributed discussion or bulletin board system.
- uses transport protocols

- **InterNetNews (INN)**
- **Network News Transfer Protocol (NNTP)**
- **UUCP (Unix to Unix CoPy)**
  - » **for modem-based communication**

- **see Figure 1.**

Figure 1:UseNet Topology

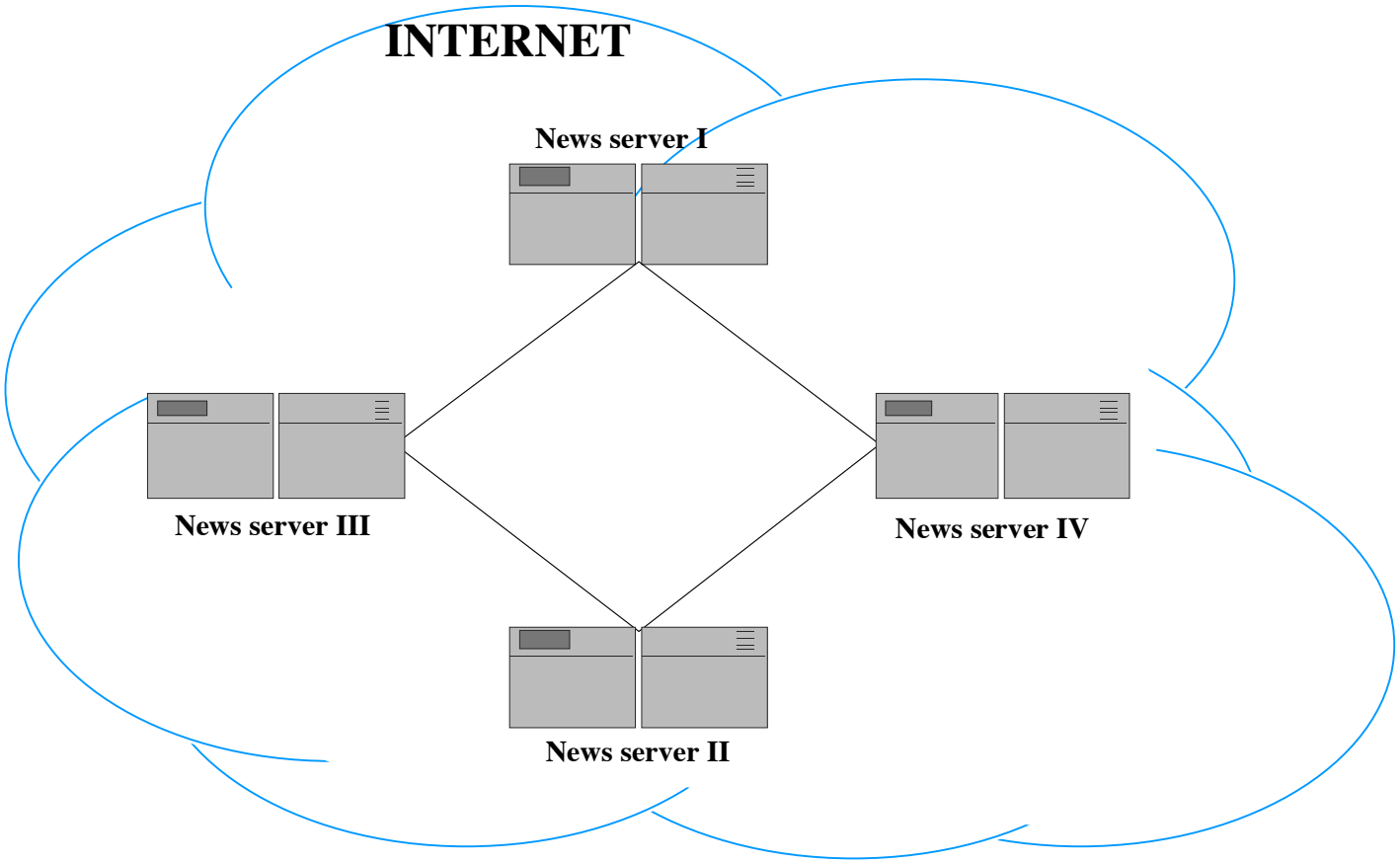

Figure 1: Each news feed can send/receive INN data from the servers.

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UseNet Software

Three common Public Domain packages

- **NNTP (Network News Transfer Protocol)**
- **C-News**
- **InterNetNews (INN)**
  - **replaced nntp and C-News**
    - » **INN integrates nntp and has higher speed.**

UseNet Software cont'd

Environment	FTP site	Names & Comments
Unix	lib.tmc.edu	rn
	ftp.coe.montana.edu	trn
	dkuug.dk	nn
	ftp.germany.eu.net	tin
VMS	kuhub.cc.ukans.edu	ANU-NEWS
	arizona.edu	VMS/VNEWS
VM/CMS	psuvm.psu.edu	NetNews
	ftp.uni-stuttgart.de	NNR
Macintosh	ftp.apple.com	News
MS-DOS	ftp.utas.edu.au	Trumpet
MS-Windows	ftp.utas.edu.au	WTrumpet
X-Windows	many FTP sites	xrn
	export.lcs.mit.edu	xvnews
Emacs	most GNU sites	GNUS
	most GNU sites	Gnews

Xrn sample

xrn - version 6.17

```
                 alt.machines.misc                          0 articles
Unread news in alt.horror                                  17 articles
Unread news in alt.horror.cthulhu                           4 articles
Unread news in alt.horror.shub-internet                     1 article
Unread news in alt.horror.werewolves                        1 article
                 alt.hotrod                                 0 articles
Unread news in alt.housing.nontrad                          1 article
Unread news in alt.hypertext                              131 articles
Unread news in alt.hypnosis                               172 articles
Unread news in alt.illuminati                              10 articles
Unread news in alt.image.medical                            7 articles
Unread news in alt.imploding.kibo                          53 articles
                 alt.india.progressive                      0 articles
Unread news in alt.individualism                           14 articles
Unread news in alt.industrial                             177 articles
Unread news in alt.industrial.computing                     1 article
Unread news in alt.infertility                              1 article
        news in news.announce.newusers                      0 articles
```

Read the articles in the current group

Quit | Read | Next | Prev | Catch up | Subscribe | Unsubscribe | Goto grc

All groups | List old | Rescan | Prev group | Select groups | Move | Ex

Checkpoint | Gripe | Post

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Figure 2: Innd architecture

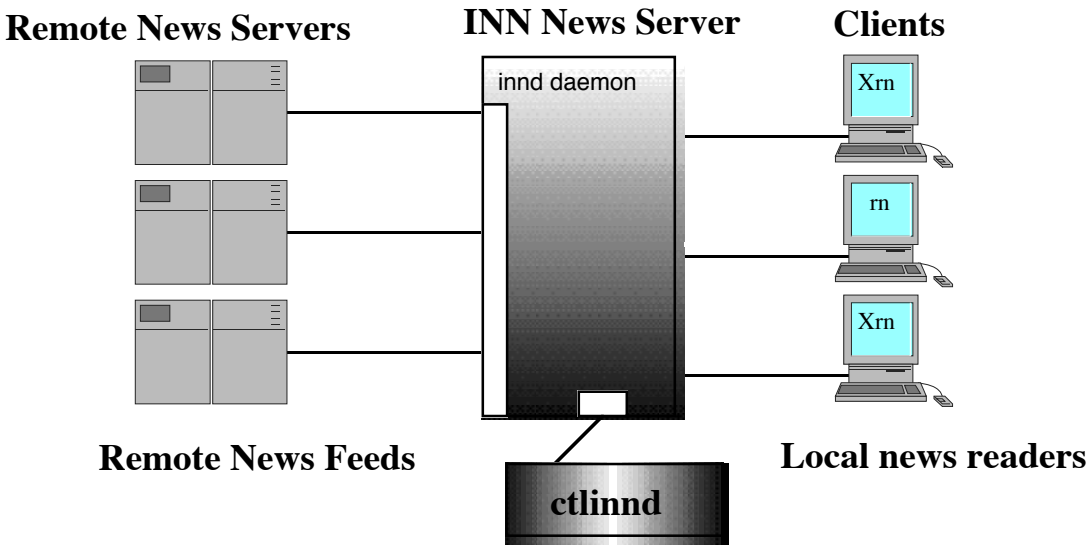

Figure 2: Innd architecture

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Planning a Usenet News Site

1) Locate the INN distribution

- <u>available through:</u>

- ftp.uu.net ~ftp/news/inn.tar.Z

- <u>discussed in the following news groups:</u>

- news.software.nntp and news.software.b.

2) Allocate disk space

- 4 MB disk space for INN package

3) Determine all desired News groups

Planning a Usenet News Site cont'd

4) Allocate disk space for News articles

Usenet Server Requirement

- enough disk space (400MB)
- obtain a news feed link to another Usenet server
- the news feed allows new server to carry some/all news groups

5) Obtain a News feed

- contact an internet service provider or
- a system administrator of a Usenet site

Some Usenet Sites

1.Server:194.6.183.101

Access:Read and post.
Report: 200 Worldgroup NNTP server ready at 18-JAN-96 00:15:20 posting allowed

2.Server:199.203.20.33

Access:Read and post.
Report: 200 ort.ort.org.il InterNetNews NNRP server INN 1.4 22-Dec-93 ready (posting ok).

3.Server:199.249.190.57

Access:Read and post.
Report: 200 Worldgroup NNTP server ready at 17-JAN-96 18:16:02 - posting allowed

4.Server:204.107.208.3

Access:Read and post.
Report: 200 news01.teaminfinity.com InterNetNews NNRP server INN 1.4 20-Mar-93 ready (posting ok).

5.Server:204.191.105.5

Access:Read and post.
Report: 200 news.cyberplus.ca NNS server version X2.06 ready - posting allowed

Some News Groups

alt	Alternative Groups. The creation of these groups is not moderated.
bionet	Biology.
bit	Bitnet Gatewayed Goups
biz	Comercially oriented (business)
cern	CERN local interest groups. See also: fnal , hepnet .
ch	Swiss newsgroups
comp	Computing. Many groups, on all aspects.
de	German groups.
DESY	DESY newsgroups.
eunet	European Usenet newsgroups
fr	French newsgroups
gnu	The GNU project of the Free Software Foundation.
hepnet	High Energy Physics
k12	Kindergarten through 12th grade education.
misc	Miscellaneous newsgoups (small ads etc)
news	About the news system itself
pubnet	Public access systems.
rec	Recreation
sci	Science
soc	Society
talk	Talk - gossip and discussion about current affairs
vmsnet	VMS - the Digital Equipment Corporation (tm) operating system.

Usenet Advantages/Disadvantages

- **Advantages**
  - participate in discussion world-wide
  - get solution to problems online
  - meet other people with similar interest
  - a cheap means to advertise
  - exposure to a lot of information world-wide
- **Disadvantages**
  - network traffic
  - security
  - overhead for system administrator
  -