Agenda

1. Opening, scribe, administrativia
2. New chairperson
3. NSFnet, NACRs, advisory attributes and the RIPE database
4. RIPE-181 status+usage
5. CIDR status in Europe
6. AOB
7. Closing

Chair

Who wants to be the Routing WG chairperson???????

NSFnet NACRs

- slowly moving towards use of route objects
- special attribute: advisory

```
route: 193.0.0.0/24
descr: RIPE-NCC
origin: AS3333
advisory: AS690 1:1128 2:1800 3:1879
notify: ops@ripe.net
mnt-by: RIPE-NCC-MNT
changed: ripe-dbm@ripe.net 941121
source: RIPE
```


NSFnet NACRs

- Issues
  - do we ask MERIT to use the RIPE DB info so we do not have to register twice
  - does the RIPE NCC preload all advisories from PRDB
  - how and when?

RIPE 181 status

- transition went smooth
- no major problems so far
- software used by MERIT, MCI, CA*NET, APNIC and others
- RIPE-181 model adapted by all

- extensions proposed in RIPE-182
- no current open issues

RIPE 181 Usage

AS stats

```
436 ASes registered
209 (47%) with policy
  1 ( 0%) with errors
365 (83%) not yet maintained
124 (28%) changed/added since 941001
```


RIPE 181 Usage

Route stats

```
8247 route objects
 157 different origins
 908 (11%) changed/added since 941201
  18 ( 0.2%) have withdrawn attribute
   3 ( 0.03%) have hole attribute
```


RIPE 181 Usage

PRIDE Tools stats (Q4 1994)

```
29258 ( 4.5%) whois queries PRIDE tools

24120 (82.4%) prtraceroute
 4241 (14.5%) prpath
  897 ( 3.1%) prcheck
```

CIDR in Europe

Jan 24 1995 ~24,000 routes!!!

AS	NetsNow	NetsCIDR	SAVE	SAVE%	NAME
AS1257	287	188	99	34.5%	SWIPnet
AS1955	194	103	91	46.9%	HUNGARNET
AS1270	182	111	71	39.0%	EUnet/DE
AS544	155	112	43	27.7%	DataNet
AS786	270	229	41	15.2%	JANET
AS2895	43	21	22	51.2%	FREEnet
AS719	102	83	19	18.6%	LANLINK
AS1836	56	38	18	32.1%	EUnet/CH
AS1759	55	38	17	30.9%	DataNet
AS2529	37	21	16	43.2%	Demon
AS517	119	104	15	12.6%	XLINK-UKA
AS2107	39	25	14	35.9%	ARNES
AS760	38	28	10	26.3%	Uni Vienna
AS3215	21	11	10	47.6%	RAIN

CIDR in Europe

- Not just routing table size
  - flaps
  - stability
  - registration issues
- why are we not CIDRizing maximally?
  - NSF/AUP issues?
  - no equipment?
  - “my router has 64M so why would I care?”
  - “I have no problems in my router”
  - “CIDR, what is that?”
  - other