

# M Root Server

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**WIDE Project**  
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## M Root Server

### ☆ **M at NSPIX-2**

- Operational since Aug 1997
- Dedicated resources used from its epoch
  - 202.12.27.33 out of 202.12.27.0/24
  - AS7500
- Redundant servers and routers
  - Attaches to 3 IXes, DIX-IE/JPNAP/JPIX
  - Backup server operational in Osaka
- <http://m.root-servers.org/>

### ☆ **Only Root Server in AP until recently**

- F's aggressive "local" anycast
  - Hong Kong, Auckland, Madrid, Sao Paulo, NY, LA
  - Seoul, Beijing soon

## M Anycast

### ☆ **Two cities are considered initially**

- Seoul and Paris
  - operational in next few months
- Secure accommodation
- Good local connectivity
  - At layer-2 exchange(s)
- Initially with "NO-EXPORT"
  - relaxed with local reasons
- IPv6 service is planned
  - useless until published in root-servers.net
- How IDN introduces impact?

## M Anycast

### ☆ **A few more sites are possible**

- Technical benefit is important
  - as we are WIDE
- Depending on our budget
  - not 100 as F

### ☆ **w/ large local community**

- Beijing? Taipei?

### ☆ **w/ good coverage as the region**

- Coverage to neighbor countries necessary
- South Asia?