

CCIRN SERVERS AND MAILINGLIST

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CCIRN SERVICES

- CCIRN services
 - Website
 - Mailing list
- These are on the same machine as APAN web server.

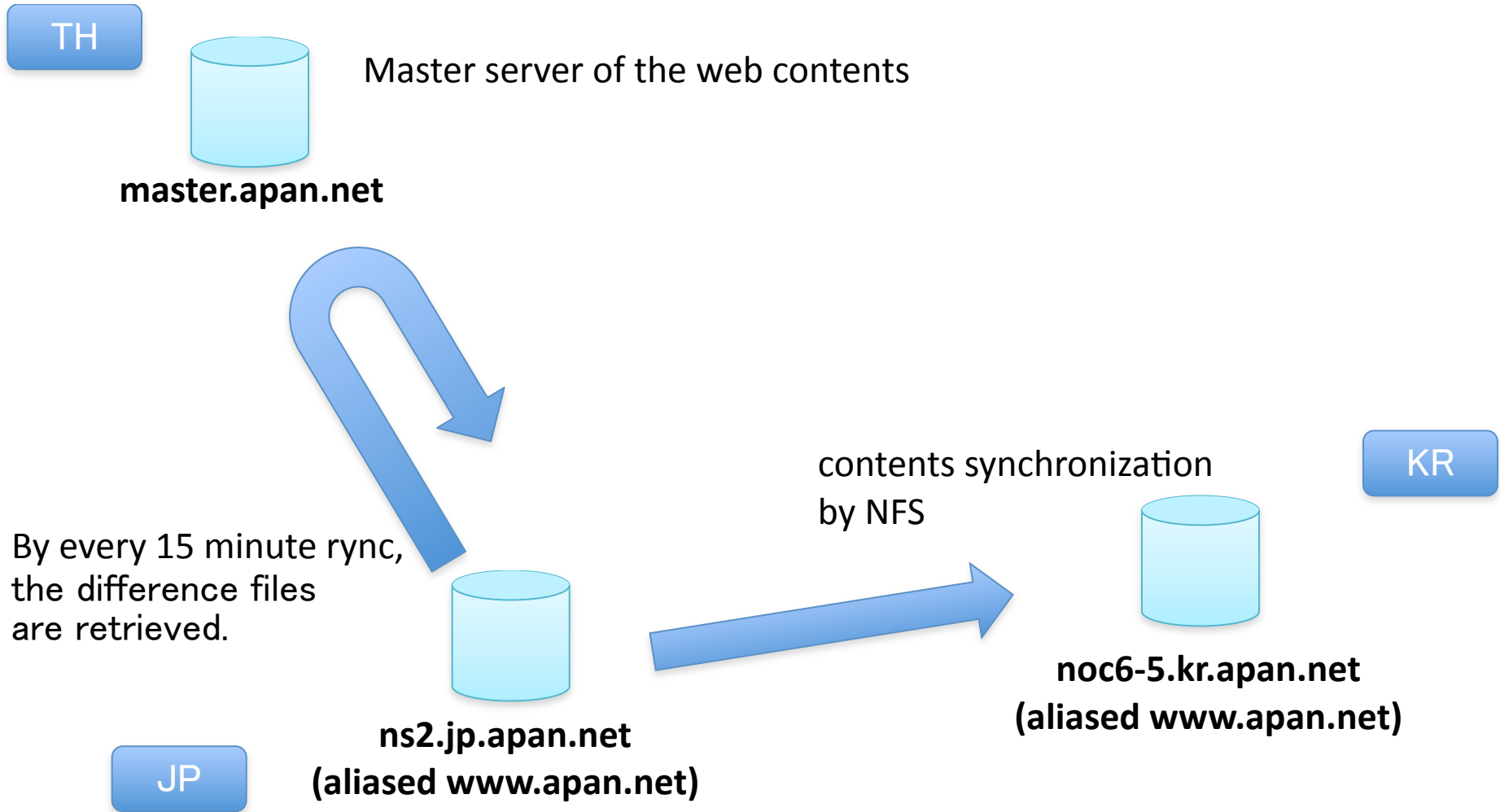
~ Configuration of www.apan.net ~

- ▶ Distributed configuration based on DNS Round Robin

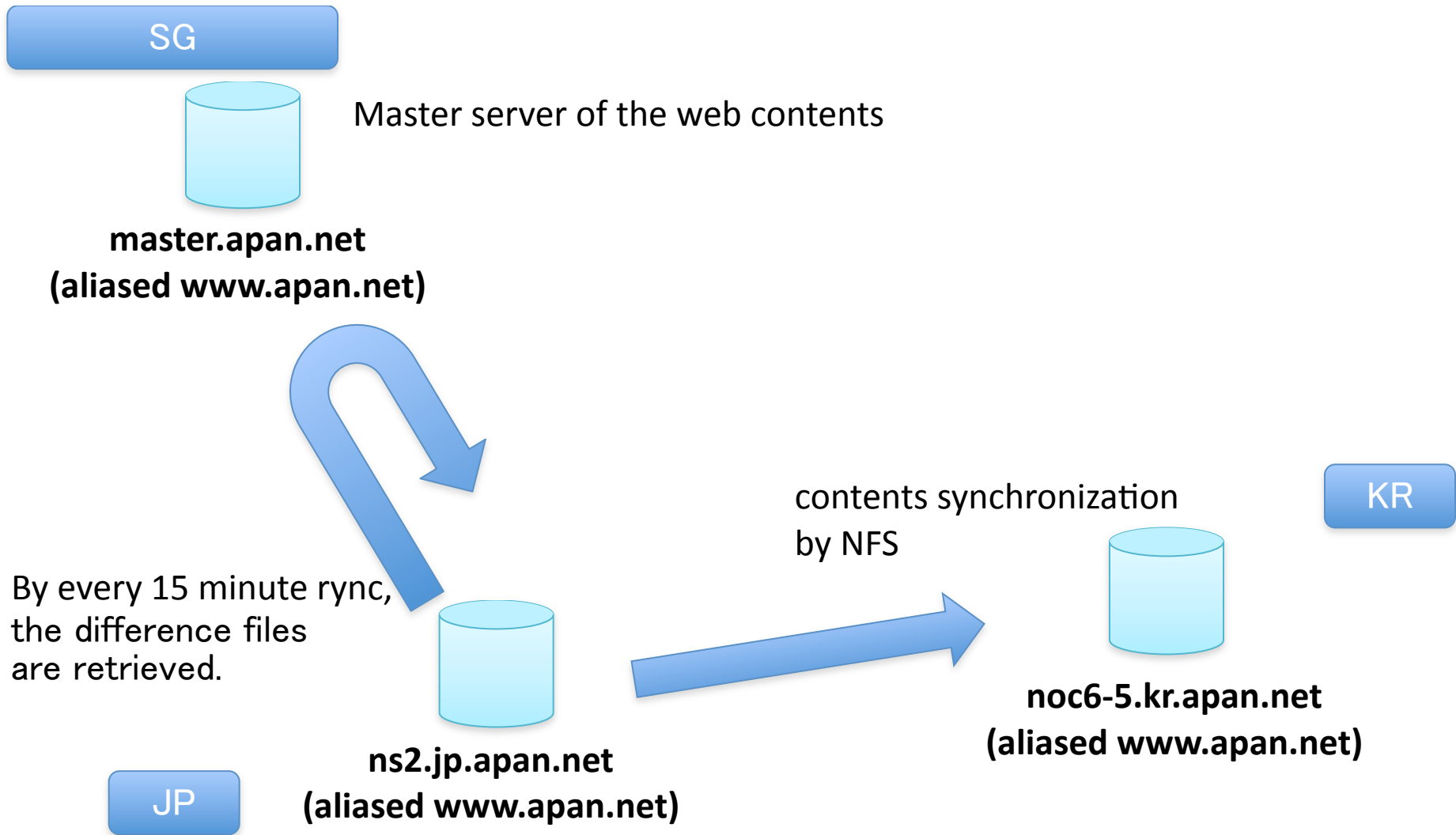
```
$ host -t A www.apan.net
www.apan.net is an alias for apan.net.
apan.net has address 203.181.248.30 ← managed by APAN-JP
apan.net has address 203.255.255.86 ← managed by KOREN
```

- ▶ Procedure of accessing <http://www.apan.net>
 - ▶ Resolver of the clients resolve www.apan.net.
 - ▶ The IP addresses both of APAN-JP and KOREN are returned.
 - ▶ HTTP access is established to either of the hosts.

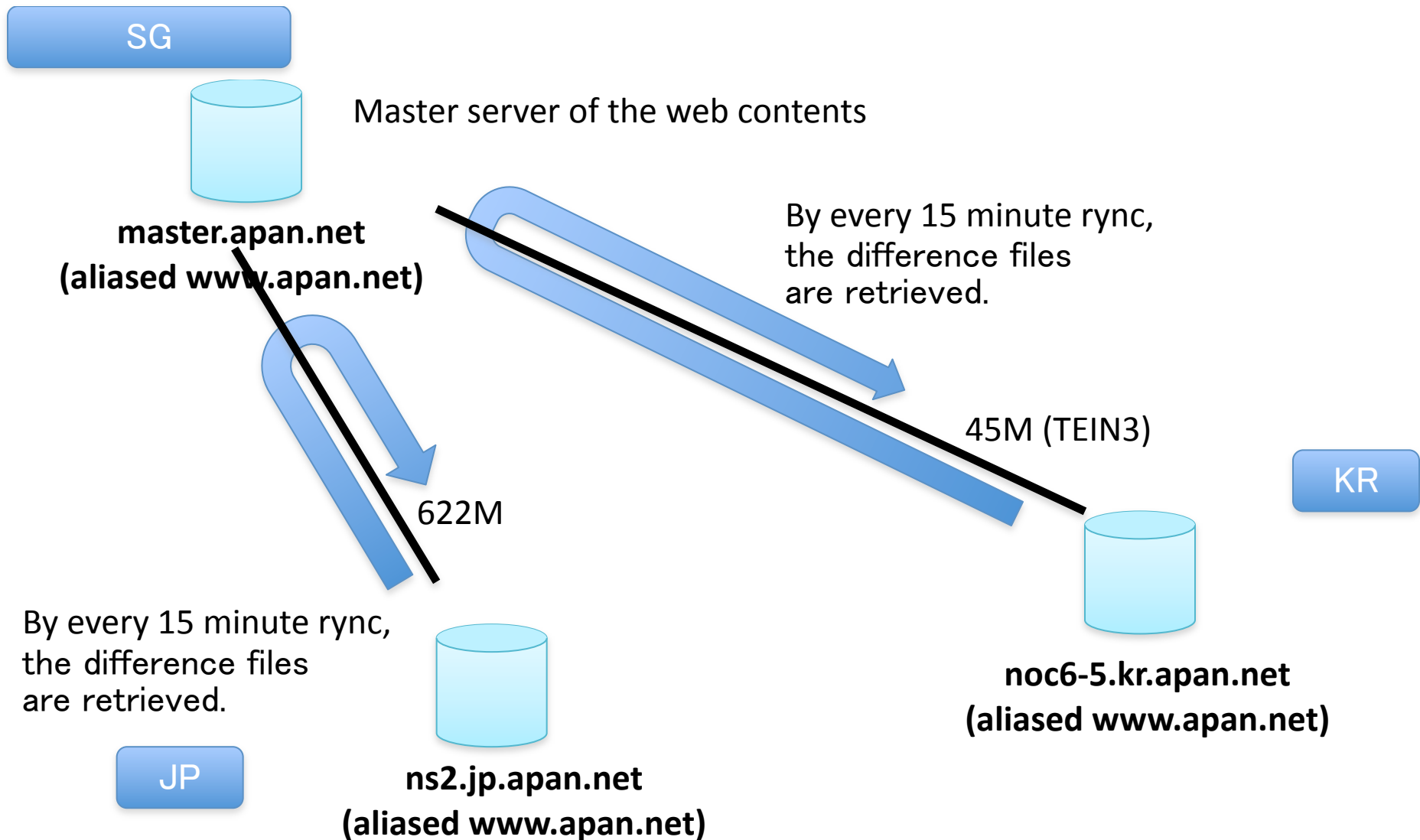
~ Configuration of www.apan.net ~



~ Configuration of www.apan.net (Plan 1) ~



~ Configuration of www.apan.net (Plan 2) ~



Summary

	Advantages	Disadvantages
Plan 1 (SG server is published as www.apan.net with the actual configuration.)	Web contents both in JP and KR are always be synchronized.	KR site is unavailable in case that JP site is down. How stable is the commodity access of SG?
Plan 2 (SG server is published as www.apan.net with the actual configuration plus rsync both with JP and KR.)	The contents are sure to be in service with 66% possibility.	Websites harmonization depends on the rync schedule.