Tapeless Disaster Recovery Methods
Technical Details

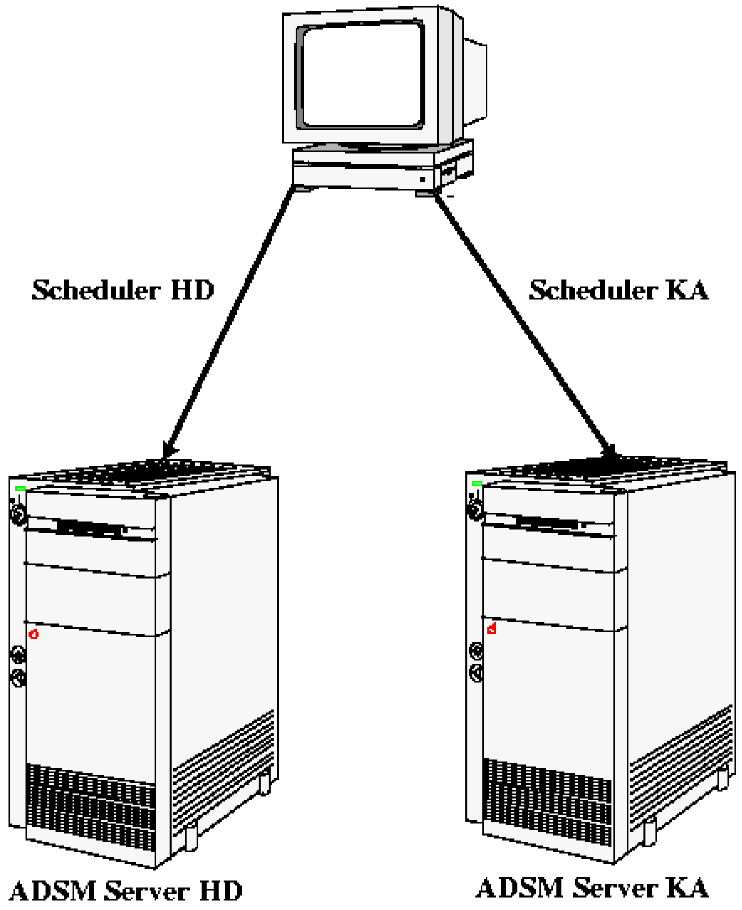
by
Kirsten Glöer

University of Karlsruhe, Computing Center
Zirkel 2, D–76128 Karlsruhe
Kirsten.Gloeer@rz.uni-karlsruhe.de

Outline:

- Double data storage of backed up files
- Information needed in case of a disaster
- Double data storage of archived files
- Problems with ADSM Version 3
- Requirements

Double data storage of backed up files

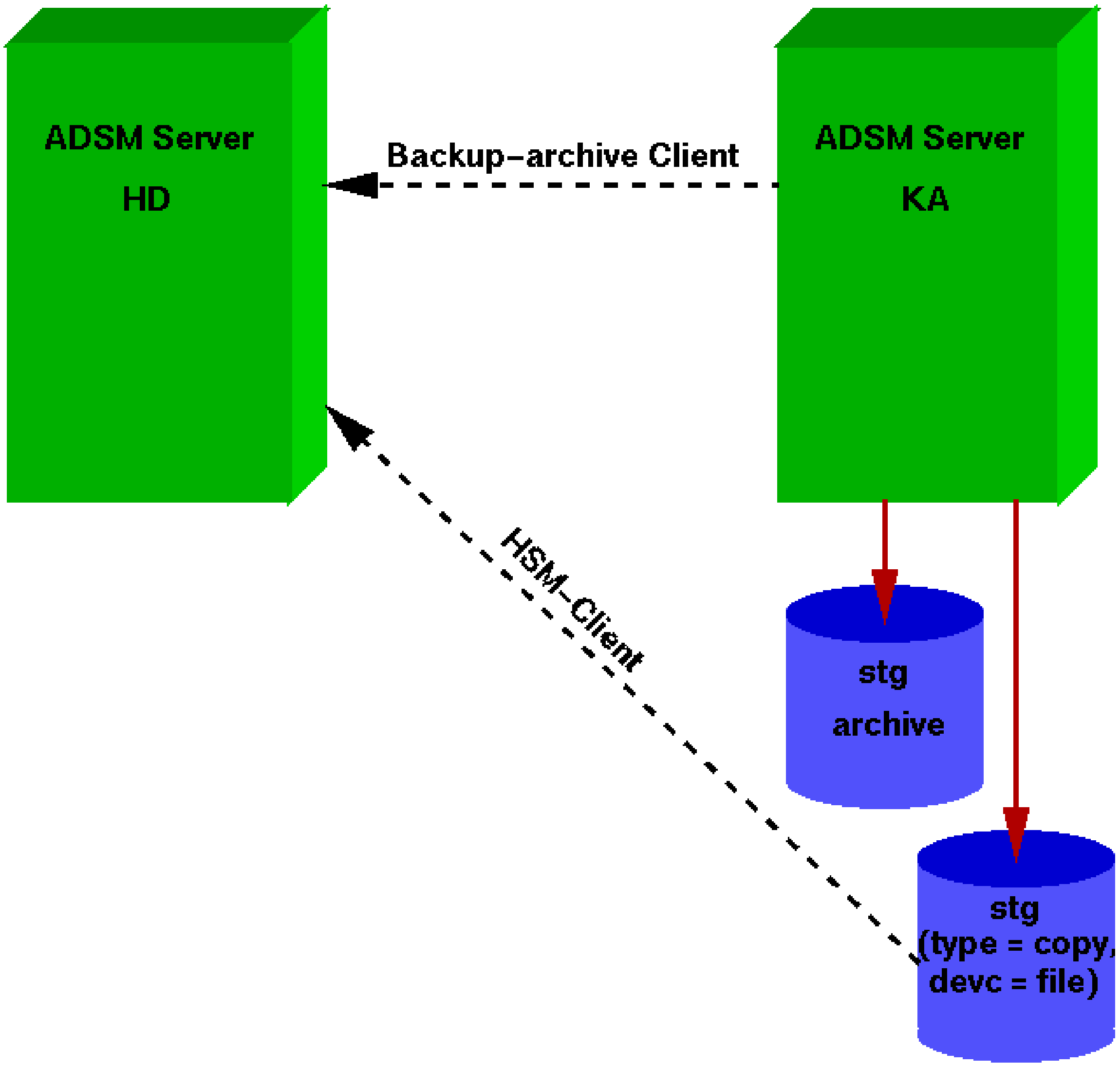


Information needed in case of a disaster

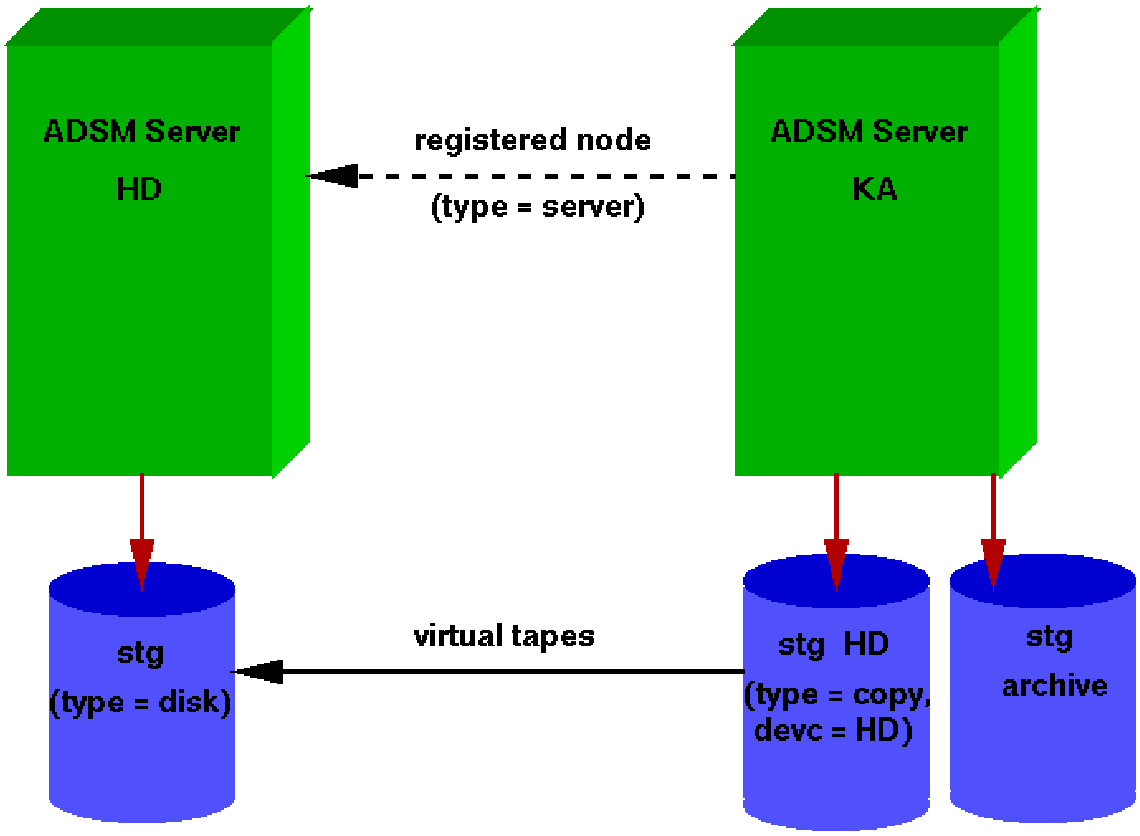
What do we need in case of a disaster?

- **Storage Pool** *archive*
- **Database**
- **Volume History**
- **Device Configuration**

Double data storage of archived files,ADSM V2



Double data storage of archived files,ADSM V3



HD	KA
register node KA (type = server)	define server HD define devc HD (devtype = server) define stg HD (type = copy, devc = HD) backup stg $archive$ HD backup db devc = HD

Problems with ADSM Version 3

- **Internal server error by using the server-to-server communication**
- **Backup-archive Client supports only the English language**

Requirements

- **Possibility to backup the Volume History to any other device**
- **Option in file** *dsmserv.opt* **in order to backup Volume History to another server**
- **Possibility to backup the Device Configuration to any other device**
- **Option in file** *dsmserv.opt* **in order to backup Device Configuration to another server**
- **Redbook** *Catastrophe protected data storage*
- **Dsmlabel facility with**
  - **Wait option**
  - **Dismount message in the Activity Log**
- **Update of the file** *devconfig* **after issueing the command** *update server*