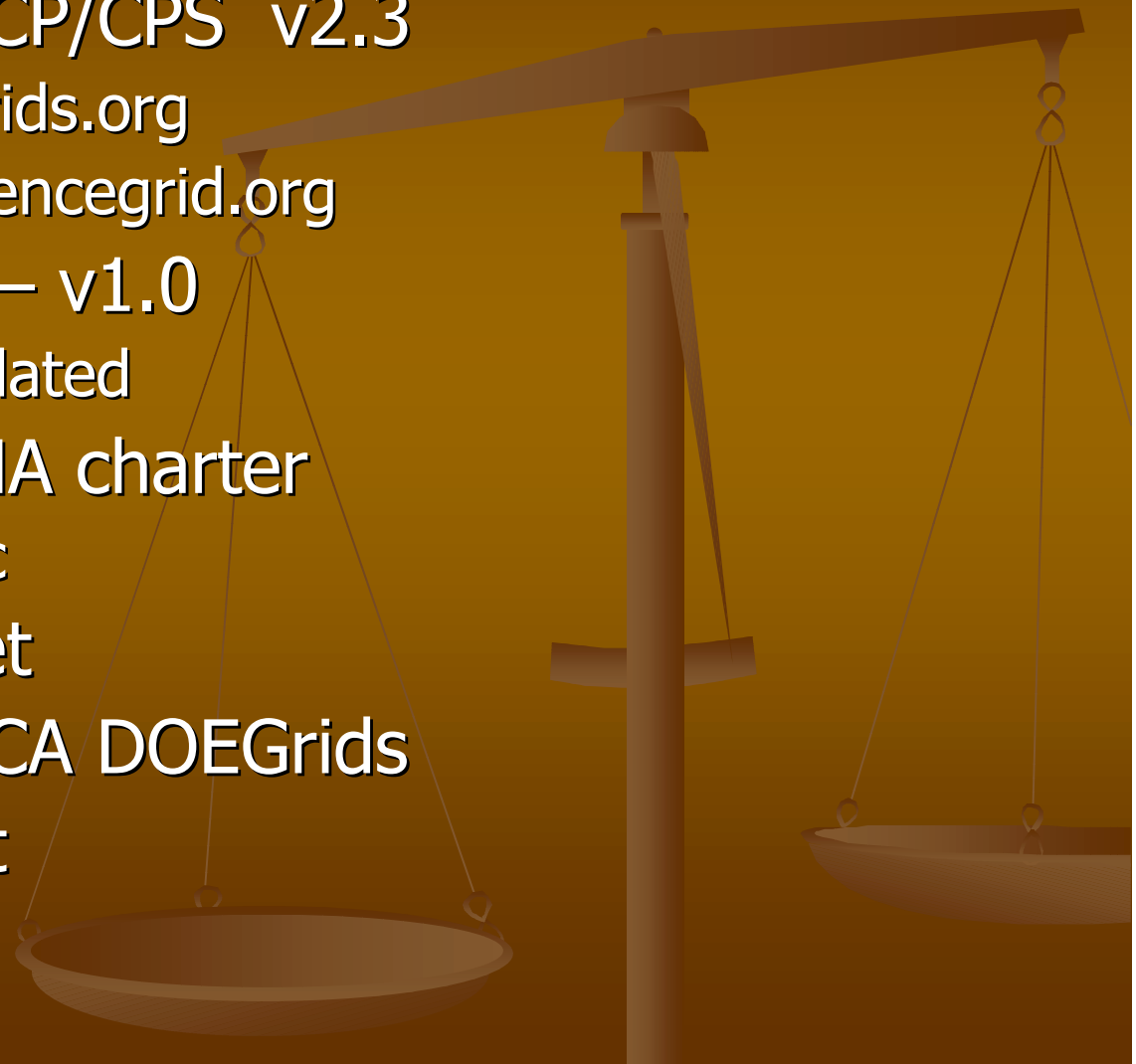


DOE Grids

- New subordinate CP/CPS v2.3
 - New name DOEGrids.org
 - Old name DOESciencegrid.org
- New root CP/CPS – v1.0
 - Edit notes not updated
- New DOEGrids PMA charter
 - Based on GGF doc
- New root CA ESnet
- New subordinate CA DOEGrids
- Naming document

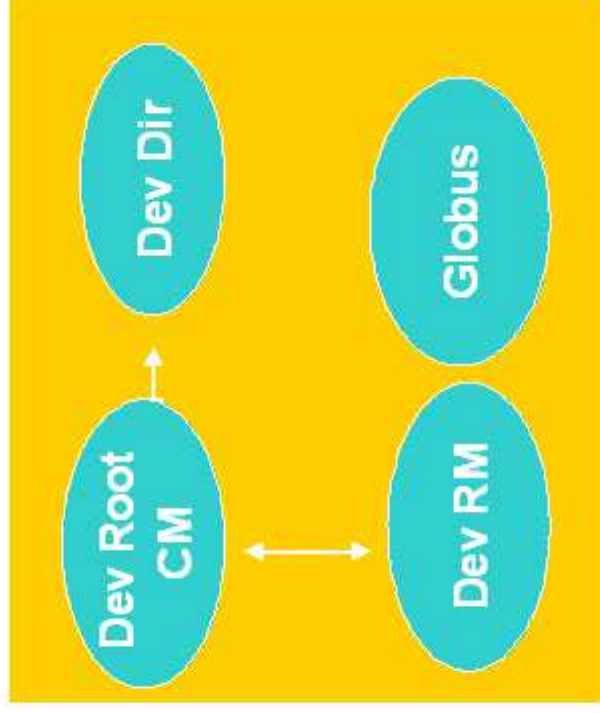
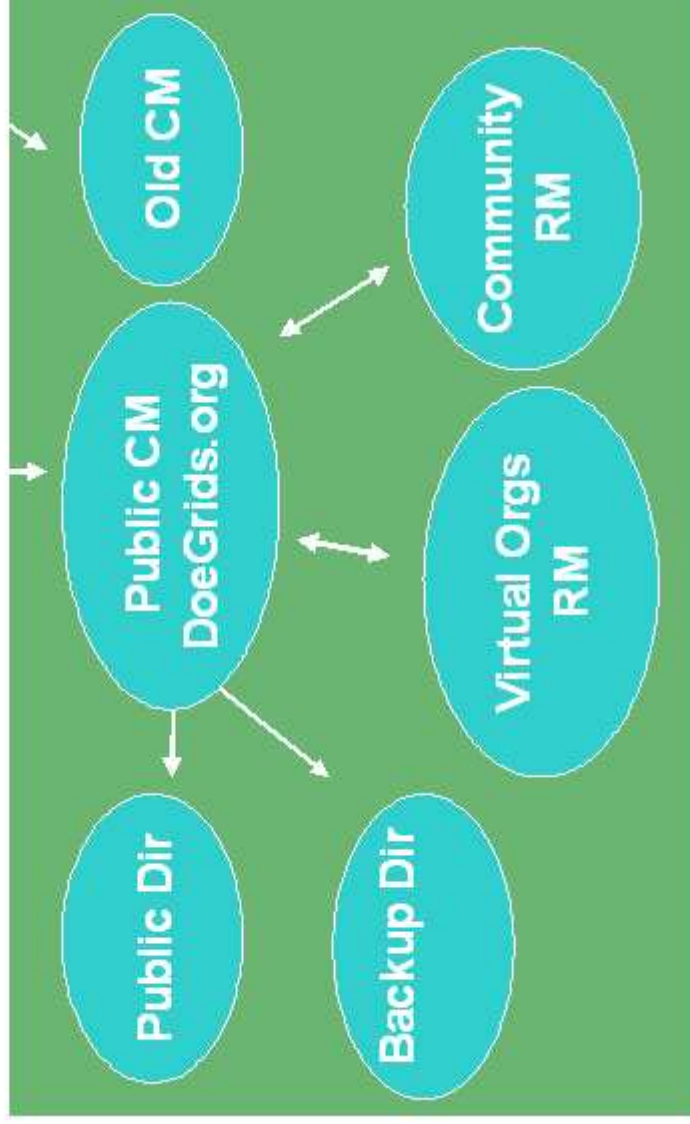


Architecture for 10/15/02 deployment

ESnet
CM/RM

ESnet Root CA
CA.es.net

Old Root CA
DOEGrid.es.net



North American Grid



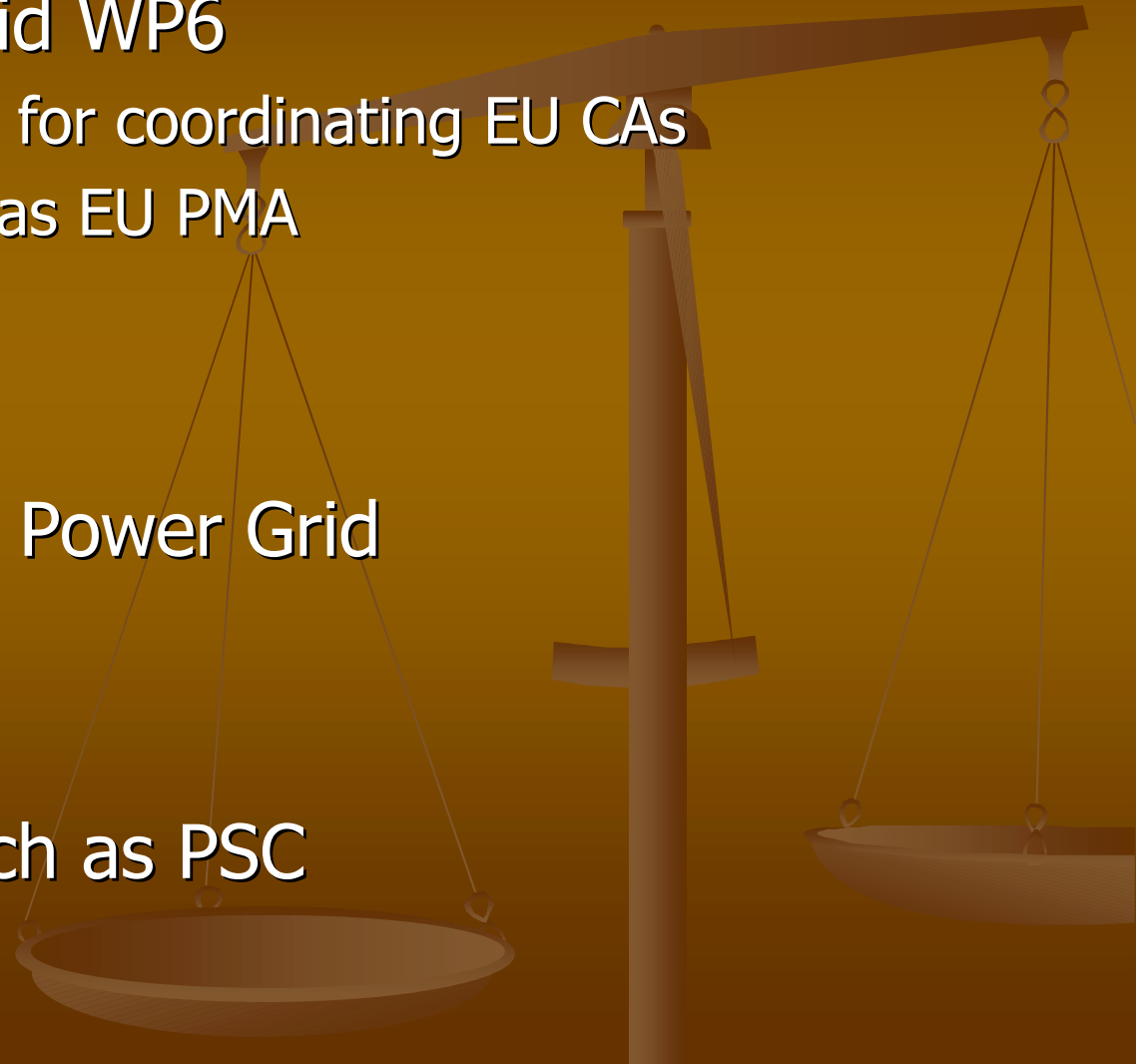
PMA

Randy Butler NCSA

Tony Genovese ESnet

Grid Policy Management Authorities

- European Data Grid WP6
 - De facto authority for coordinating EU CAs
 - Loosely functions as EU PMA
- NCSA Alliance
- DOEGrids
- NASA Information Power Grid
- Grid Canada
- SDSC NPACI
- Others coming such as PSC

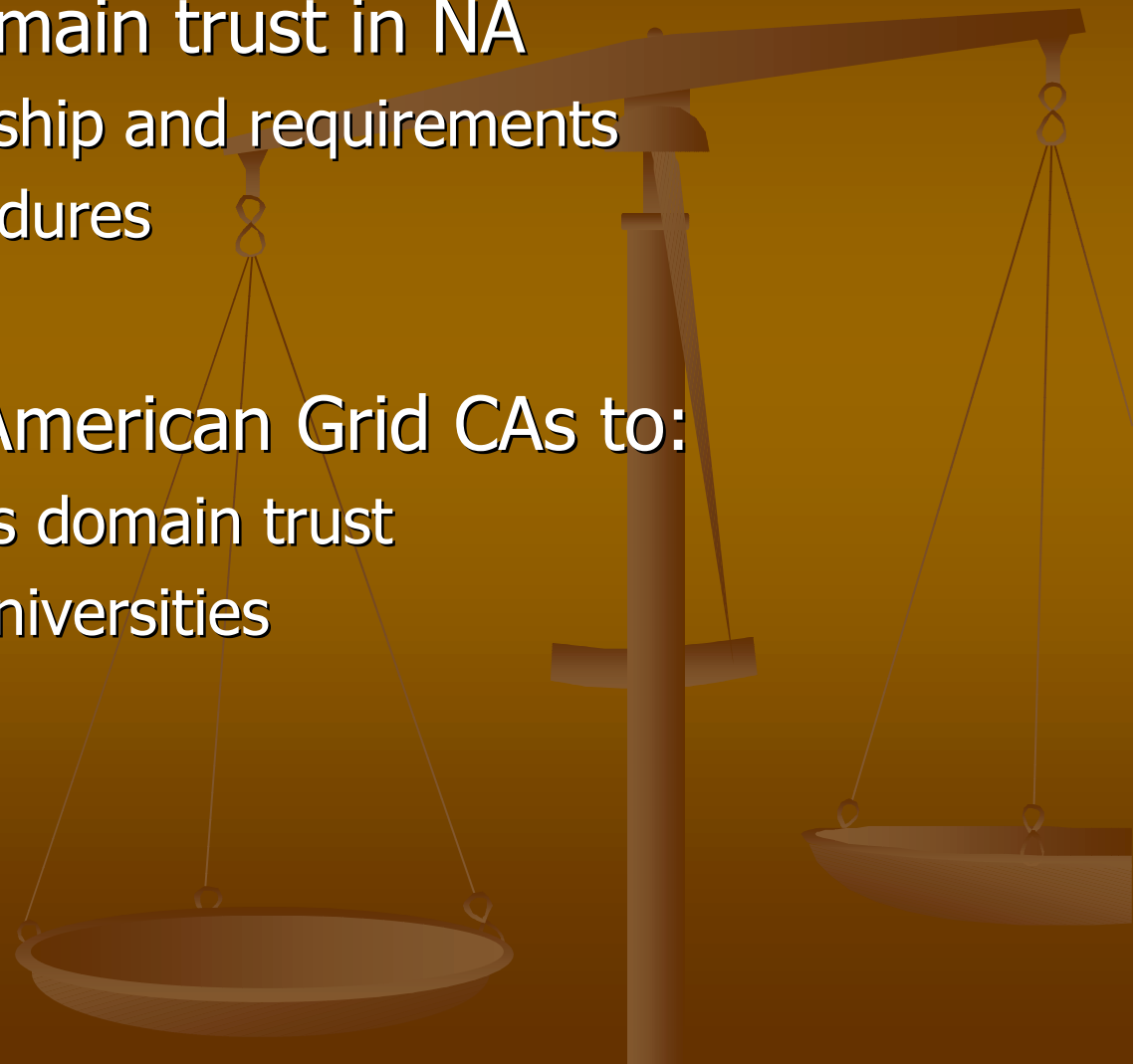


EDG PMA

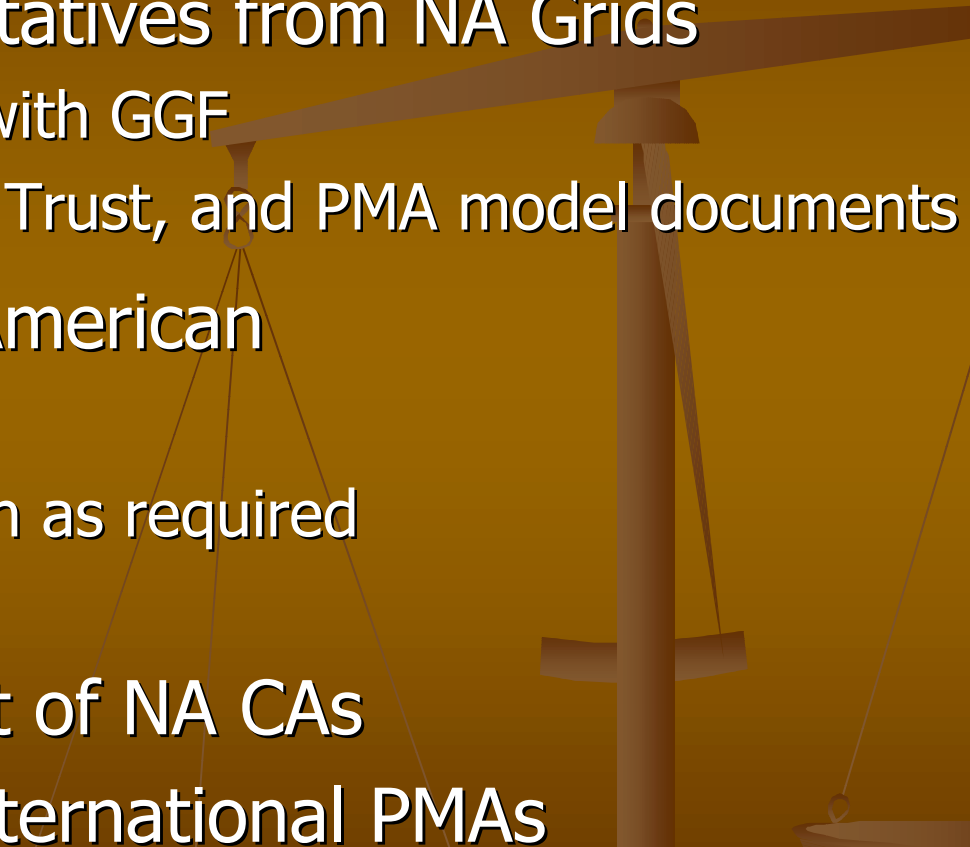
- Represents cross section of European Grids
 - 16 countries
 - Czech Republic, France, Germany, Ireland, Italy, Italy, Netherlands, Portugal, Russia, Spain, UK, Slovakia, Cyprus, Greece, Poland, USA
 - 19 organizations
 - CERN, NorduGrid, CESnet, CNRS, GermanGrid, Grid-Ireland, INFN, NIKHEF, LIP, Russian DataGRID, Spanish DataGrid, IISAS, UCY, FZK, AUTH, TCD, PSNC, IFCA, DOEGrids
 - 19 CAs
 - European Data Grid model
 - Trust list of CAs
 - Difficult to join – puts large burden on EDG members.
 - EDG not funded to handle non-EU members
 - DOEGrids is a peer member
 - Additional member requests are weakening the trust model.
- 

Why a North America Grid PMA?

- Establish cross domain trust in NA
 - Establish membership and requirements
 - Policies and procedures
- Represent North American Grid CAs to:
 - EDG PMA for cross domain trust
 - North American Universities
 - Federal Agencies



North American Grid PMA Approach

- Organize representatives from NA Grids
 - Meetings aligned with GGF
 - Leverage GGF CP, Trust, and PMA model documents
 - Document North American
 - Policy
 - Technical approach as required
 - Certificate profiles
 - Establish Trust List of NA CAs
 - Coordinate with international PMAs
- 

What can MAGIC do?



- Vet the North American Grid PMA
 - NA Grid PMA will become the official body to coordinate Grid CAs in North America.
 - We will then produce the NA Grid PMA charter to manage the new organization.
 - This will allow us to represent our Grid CAs to EDG
 - EDG will only have to coordinate with one external group

- What will MAGIC have to do?
 - Review and approve PMA charter

Who will be members of NA Grid PMA

- Initial members

- NCSA Alliance
- SDSC NPACI
- DOEGrids
- Grid Canada
- NASA IPG
- PSC

- Identify other potential members

