# Die Mutter aller Active Directory Folien

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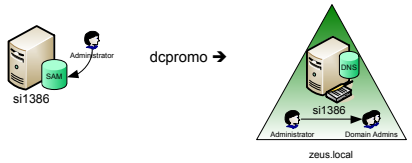


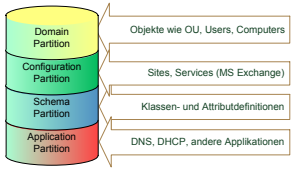

1) IP Configuration festlegen
2) Server auf static IP umstellen
3) Server promoten (dcdiag) und DNS installieren

**NetBIOS**
15 Zeichen

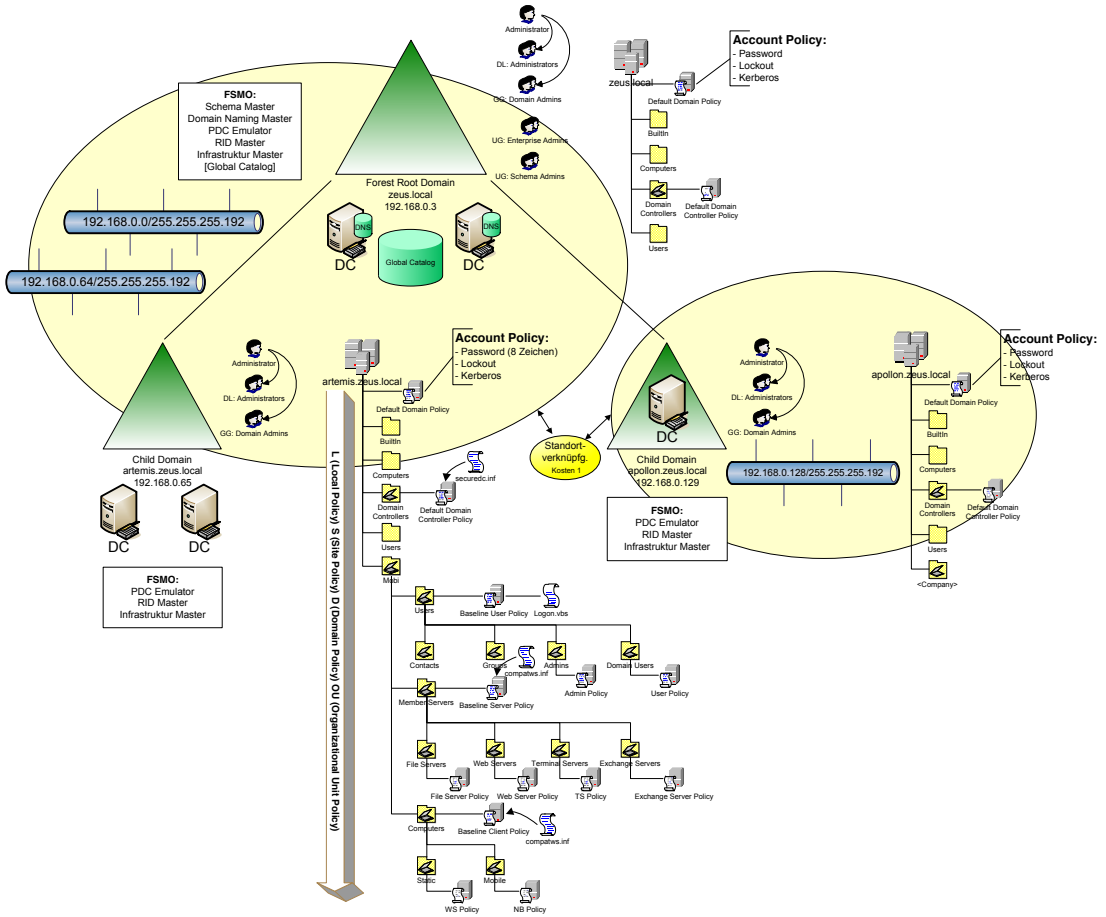
**ZEUS\si1386**

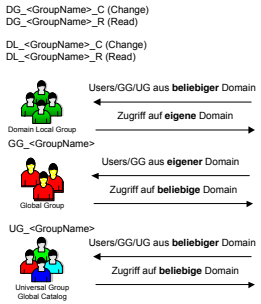
**FQDN(DNS)**
63 pro Level, 127 Level's, 255 max.

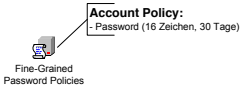
**si1386.zeus.local**




Active Directory
Datenbank (ntds.dit)




**Tools:**
- Ping
- Nslookup
- Netdom
- Nltest
- Dcdiag
- Active Directory Users and Computers
- Sites and Services
- Domains and Trusts
- Adsiedit
- Schema (regsvr32 schmmgmt.dll)
- dsquery, dsadd, dsget, dsmove, dsmod, dsrm
- csvde, ldifde

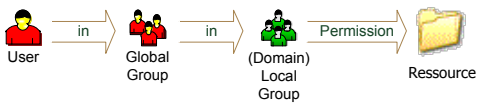
**Namensauflösung:**
DNS Domain Naming Service (Internet)
WINS Windows Naming Service (Windows NT 4.0)

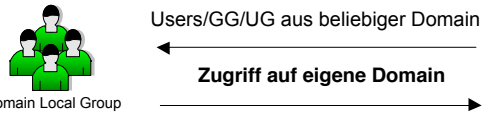
**Private IP-Adressierung (Vergleiche Netze.pdf)**
A-Klasse IP-Range: 10.0.0.0 bis 10.255.255.255 (16,7 Mio. Hosts)
B-Klasse IP-Range: 172.16.0.0 bis 173.31.255.255 (65'534 Hosts)
C-Klasse IP-Range: 192.168.0.0 bis 192.168.255.255 (255 Hosts)

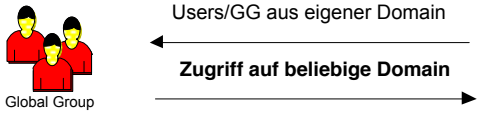
Distinguished Name (DN): cn=u109245,ou=local-admins,ou=users,OU=Mobi-Acc,DC=mobi,DC=mobicorp,DC=ch
userPrincipalName (UPN): u109245@mobi.ch
relative distinguished name (RDN): cn=u109245

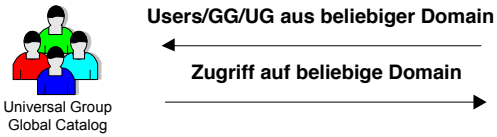
**GPO-Tools:**
- GPMC
- Dcgpofix
- RSOP
- Gpupdate
- Gpotool
- Gpresult

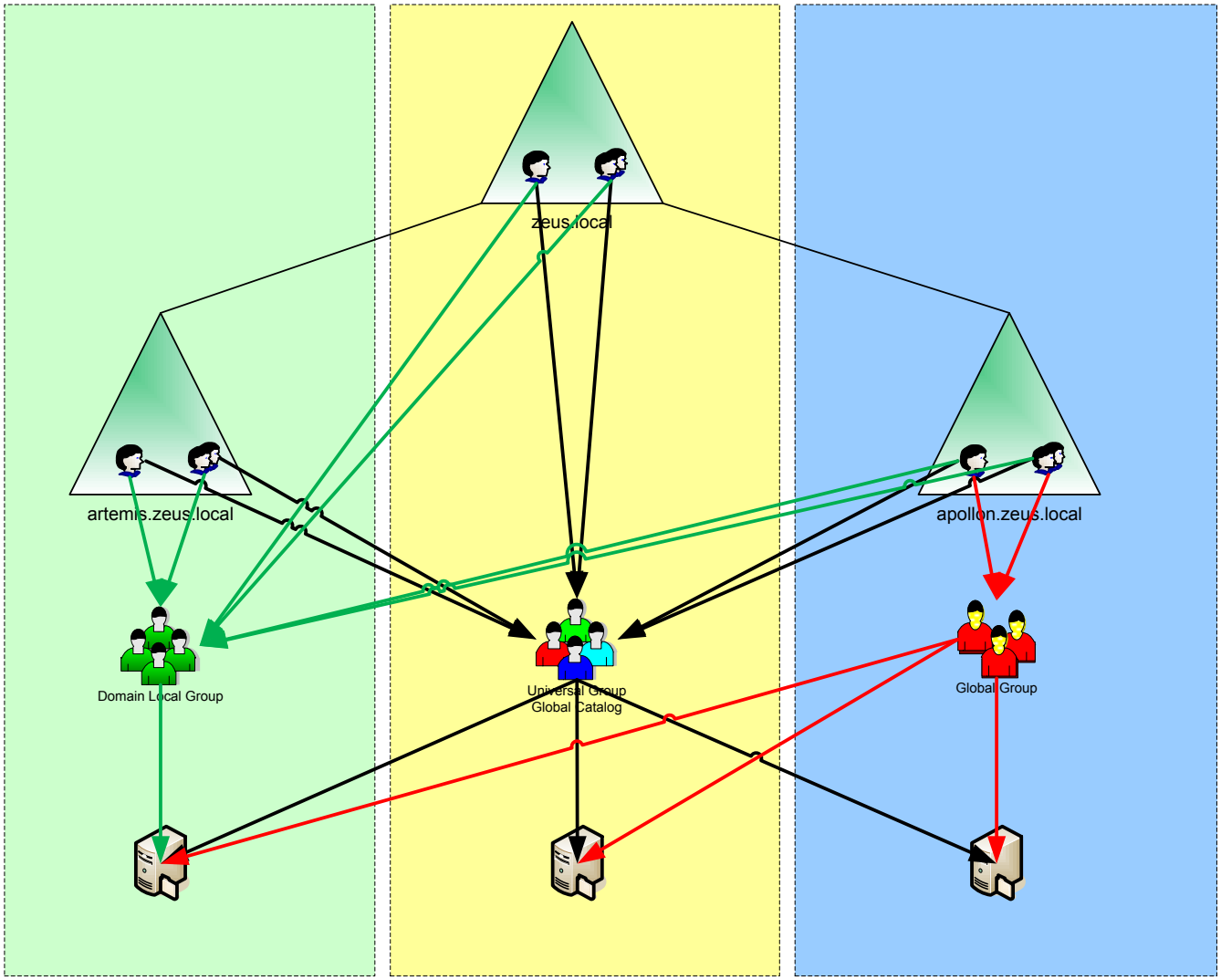
# Standardvorgehen Berechtigungen zuweisen




Wenn ein User in mehr als 1015 Gruppen ist, kann das Security Token zu gross sein und der User kann sich nicht mehr anmelden.