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systems networking
solutions

using windows 2000 for
hp-ux authentication
and account
management

agenda

- problem description
- authentication and account management history
- solution
- technologies
- the "big" picture
- other technologies
- limitations

the problem

- multiple accounts for the same user

- duplicate user and group administration

- multiple password policies

- account synchronization

resulting in:

- increased administration costs

- user confusion - multiple logins and passwords

hp-ux authentication and account management history

yesterday

- files
- nis
- nis+

today

- ldap
- kerberos

windows authentication and account management history

yesterday

- lan manager
- ntchap (*ntlm*)

today

- ldap
- kerberos

a solution

- com m on directory: **A ctive D irectory**
- com m on authentication: **kerberos**
- com m on account access: **ldap**

solution technologies

hp-ux

- pam kerberos
- slap/ux integration (*nss slap*)

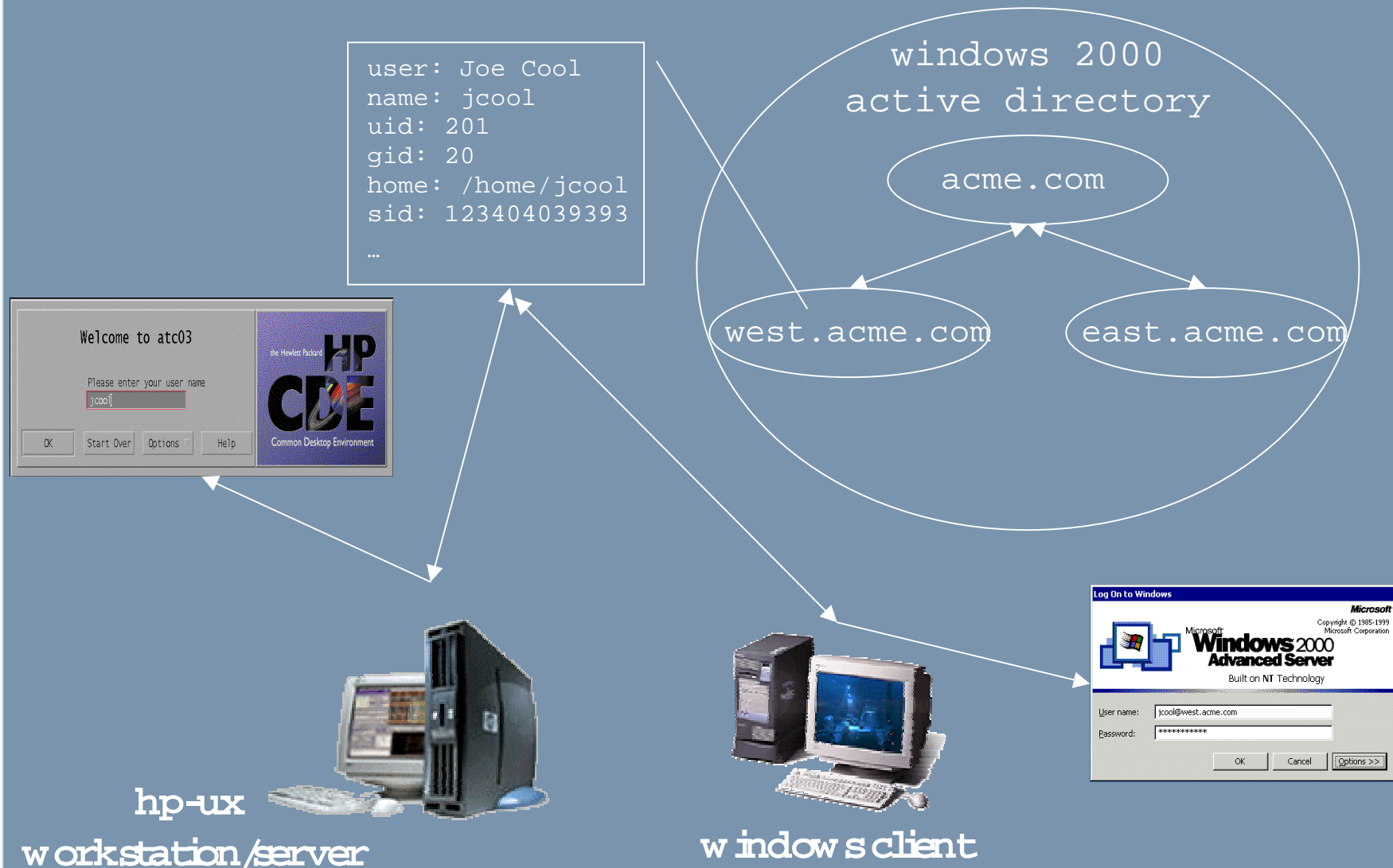
windows 2000

- active directory
- services for unix 2.0 (*sfu*)
- kerberos

other technologies

- cifs/9000 server
- web servers
 - apache
 - planet
 - zeus
- any "pam ized" application

the big picture



limitations

- single windows 2000 domain support
- user and group names limited to 8 characters
- only users and groups are supported by nss_ldap when using active directory
- no way to restrict logins
- users are not notified when their password must be changed