

**Environment Matrix**

<b>item</b>	<b>control nets</b>	<b>development nets</b>	<b>experimental nets</b>	<b>LBNL nets</b>	<b>Outside nets</b>
NIS/WinS domains	control	devel	n/a	n/a	n/a
protocols	as necessary	all	all	all	all
login to control nets	equiv	authenticated	no	no	no
login to devel nets	equiv	equiv	securely	securely	securely
login to experiment nets	no	yes	yes	n/a	n/a
login to LBNL nets	no	yes	yes	n/a	n/a
login to outside nets	no	yes	yes	n/a	n/a
clear passwd on wire	disallow	disallow	recommend against	n/a	n/a
sniffers	illegal	illegal	illegal	n/a	n/a
read & sign user policy	yes	yes	as needed	n/a	n/a
require net connect form	yes	yes	yes	n/a	n/a
require machine labels	yes	yes	yes	n/a	n/a
monitor nets	yes	yes	yes	n/a	n/a
require good system mgt	insist	insist	recommend	n/a	n/a
regulate connections/ip nos	strict	strict	modest	n/a	n/a
access control net server (file access)	yes	no	no	no	no
access devel net server (file access)	yes	yes	no	no	no
access user resource servers	no	yes	yes	yes	yes
read selected accelerator data	yes	yes	yes	yes	no
write (selected) accelerator controls	yes	no	no	no	no
<b>Implementation Details</b>					
hosts allowed	no	no outside	n/a	n/a	n/a
hosts.equiv	within controls	within devel, controls	n/a	n/a	n/a
LETs access	no	yes	yes	yes	yes
surfing access	no	yes	yes	yes	yes

**Legend**

authenticated                      must enter password, cleartext passwords not allowed on wire

securely

encrypted or one time passworded