ç„¡ç·šLANã‚¢ã‚¯ã‚»ã‚¹ãƒ•ã‚¤ãƒ³ãƒˆåŒ–ã€•ï¼’ã€'
Category : ã‚µãƒ¼ãƒ•ç®¡ç†æ—¥è¨˜
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ã€€ãƒ‡ãƒ•ã‚¤ã‚¹ã€Œç‰©ç†çš„ã€«å‹•ä½œã•™ã‚‹ã•"ã•¨ã•¯å‰å›žã•¾ã•§ã•®ä½œæ¥ã•§ç¢ºèª•ã•§ã••ã•Ÿã€‚

ï¼"ï¼Žã‚¢ã‚¯ã‚»ã‚¹ãƒ•ã‚¤ãƒ³ãƒˆç"¨ãƒ‰ãƒ©ã‚¤ãƒ•ã•®ã‚¤ãƒ³ã‚¹ãƒˆãƒ¼ãƒ«

ã€€hostap-driver-0.2.4.tar.gz

ã€€ã•"ã•®ãƒ‰ãƒ©ã‚¤ãƒ–ã€http://hostap.epitest.fi/
ã‚‚ã‚Šãƒ€ã‚¦ãƒ³ãƒãƒ¼ãƒ‰ã•—ã€•å±•é–‹ã€‚READMEã‚’èªã‚€ã•¨ ã•"ã•®ã•"ã•®ã€•pcmcia-csã‚’ä½¿ã•£ã•¦ã•„ã‚‹ã•ã•ªã‚‰ã•ã‚ˆŠMakefileã•®ä¿®æ£ç®‡æ‰€ã•Œé••ã•†ã€ä»Šå›žã•¯pcmcia-csã‚’ä½¿ã‚•ã•šã€ã‚«ãƒ¼ãƒ«ã•®ãƒ‰ãƒ©ã‚¤ãƒ•ã‚’ä½¿ã£ã•¦ã•„ã‚‹ã•§ã€•KERN_PATHã•®ã‚è¨å®šã•™ã‚Œã•°ã€ã€ãƒ‡ãƒ•ã©ãƒ«ãƒˆã•¯/usr/src/linuxã•¨ã•ªã£ã•¦ã•„ã‚‹ã‚‰Šã€ã•"ã€ã‚'ç´ã•—ã•¦ã„ã‚ã‚"ã•—ã•"ã€•ã€ã‚«ãƒ¼ãƒ«ã•ãƒ—ãƒ¼ã•®ã‚ã‚‡ã‚£ã‚¬ã¯ã€ãƒ•ãƒ³ã•/usr/src/linuxã‚’ã‚·ãƒ³ãƒœãƒªãƒƒã‚¯ãƒªãƒ³ã‚ã•—ã•¦ã•ã•ã€‚

ã€€ã‚¤ãƒ³ã‚¹ãƒˆãƒ¼ãƒ«è‡ªä½"ã•¯å˜ç´"ã•§

make
make install

ã•"ã€Œã•• ã•'ã€ã‚ã•¨ã•¯/etc/pcmcia/*.confã•§ç„¡ç·šLANã•«ãƒ¼ãƒ‰ã•®bindã•™ã‚‹ãƒ‰ãƒ©ã‚¤ãƒ•ã‚’ã€Œorinoco_csã€•ã•‹ã‚‰ã€Œhostap_csã€•ã•«å¤‰æ›´ã•™ã‚Œã•°OKâ€¦ã€¦ã•®ã•¯ã•šã•ªã•®ã• ã€Œã€•ã•©ã•†ã‚¸Šæ‰ã••è-"ã•§ã••ã€Œã•ªã•„ã‚ˆ•ã†ã• ã€ä»•æ–¹ã•Œç„¡ã•ã•®ã•§

```
/sbin/insmod /lib/modules/2.6.5-1.358custom/kernel/drivers/net/wireless/hostap.ko
/sbin/insmod /lib/modules/2.6.5-1.358custom/kernel/drivers/net/wireless/hostap_crypt_ccmp.ko
/sbin/insmod /lib/modules/2.6.5-1.358custom/kernel/drivers/net/wireless/hostap_crypt_tkip.ko
/sbin/insmod /lib/modules/2.6.5-1.358custom/kernel/drivers/net/wireless/hostap_crypt_wep.ko
/sbin/insmod /lib/modules/2.6.5-1.358custom/kernel/drivers/net/wireless/hostap_cs.ko
/sbin/insmod /lib/modules/2.6.5-1.358custom/kernel/drivers/net/wireless/hostap_pci.ko
/sbin/insmod /lib/modules/2.6.5-1.358custom/kernel/drivers/net/wireless/hostap_plx.ko
```

ã•"ã•ã•†ã‚ã‚§ãƒ«ã‚¹ã¯ãƒªãƒ—ãƒˆï¼ˆå¾Œè¿°ã•®ã€Žwlan_setup.shã€•ï¼‰ã‚’ä½œæ^•ã•—ã€•ã•"ã‚Œã‚’èµ·å‹•æ™‚ã•«å®Ÿè¡Œã•™ã‚‹ã‚ˆã†ã•«/etc/rc.d/rc.localã•«è¨˜è¿°ã‚'åŠ ã•ã•Ÿã€‚

ï¼"ï¼Žã,¢ã,¯ã,»ã,¹ãƒ•ã,¤ãƒ³ãƒˆç"'ã•®è¨-å®š

ã€€é †ç•ªçš"ã•«ã•¯ã€•ãƒ‰ãƒ©ã,¤ãƒ•ã•®ãƒ-ãƒ¼ãƒ‰â†'ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ãƒ¼ã,¹èµ·å‹•â†'ç„¡ç·šLANå›žã,Šã•®è¨-å®šã€•ã•¨ã—ã•ªã•‚ã•¨ãƒ€ã¡ã•ªã,ˆã•†ã•§ã€‚ã•"ã•®ã•¸ã,Ÿã,Šã•¯è©¡è¡Œéˆˆ¯èª¤ã€‚ã•§ã€•ã•"ã„ã•©ã•Šã,Š/etc/rc.d/rc.localã•«ä»¥ä¸‹ã,'ä»˜è¨˜ã€‚

```
#Wireless LAN Interface Configuration
/sbin/ifdown wlan0
/bin/sh /root/wlan_setup.sh
/sbin/ifup wlan0
/etc/rc.d/init.d/pcmcia restart
/bin/sleep 6
/sbin/iwconfig wlan0 mode master
/sbin/iwconfig wlan0 channel 2
/sbin/iwconfig wlan0 essid "ä»»æ„•ã•®ESSID"
/sbin/iwconfig wlan0 nickname "ä»»æ„•ã•®ãƒ‹ãƒƒã,¯ãƒ•ãƒ¼ãƒ "
/sbin/iwconfig wlan0 key ä»»æ„•ã•®WEPã,-ãƒ¼ï¼ˆ128bitãƒ»26æ¡•ï¼‰
```

ã€€ã•£ã•ºã°ã,"ã•«ã·ã,§ãƒ«ã,¹ã,¯ãƒªãƒ—ãƒˆã•«â€”ã•¦¦ã,•ã,"ã,"ã•'ã•'ã•©ã€‚ã•"ã,Œã•§èµ·å‹•æ™'ã•«ã,¢ã,¯ã,»ã,¹ãƒ•ã,¤ãƒ³ãƒˆã©Ÿèƒ½ã•Œæœ‰åŠ¹ã•«ã•ªã,‹ã€‚

ï¼•ï¼Žãƒ«ãƒ¼ã,¿æ©Ÿèƒ½è¨-å®š

ã€€æœ‰ç·šãƒ³ã,¿ãƒ¼ãƒ•ã,§ãƒ¼ã,¹ï¼ˆeth0ï¼‰ã•¨ç„¡ç·šãƒ³ã,¿ãƒ¼ãƒ•ã,§ãƒ¼ã,¹ï¼ˆwlan0ï¼‰ã,'å•Œæ™'ã•«ä½¿ç"'ã•™ã,‹ã•«ã•¯â†¡è€…ã,ãƒ–ãƒ©ãƒfã,åŒ–ã•—ã•¦å•Œä€,»ºãƒ¡ãƒ³ãƒˆã•™ã,‹æ–¹æ³•ã•¨ã•¡è€…ã,'å¥,»ºãƒ¡ãƒ³ãƒˆã•«ç½®ã•ã•¦ãƒ«ãƒ¼ã,¿åŒ–ã™ã,‹æ–¹æ³•ã•®ã©ã•ã‰ã•ã,'é•ã•¶å¿…è¦•ã•Œã•‚ã,‹ã€‚ã,»ãƒ¥ãƒªãƒ†ã,£ã•¨è¨-å®šã•®å®'æ˜"ã••ã•‹ã,‰ãƒ«ãƒ¼ã,¿å
Œ–ã,'é•¸æŠžã€‚

ãƒ»/etc/sysctl.conf
ã€€net.ipv4.ip_forward = 1

ãƒ»/etc/sysconfig/network
ã€€NETWORKING=yes
ã€€HOSTNAME=Amatsu.mythril.ne.jp
ã€€GATEWAY=192.168.1.1
ã€€FORWARD_IPV4=yes
ã€€GATEWAYDEV=eth0

ã€€è¦•ã•¯IPãƒ•ã,©ãƒ¯ãƒ¼ãƒ‰ã,'æœ‰åŠ¹ã•«ã•—ã•ã,²ãƒ¼ãƒˆã,¦ã,¤ã,'eth0ã•«ã•™ã,‹ã€•ã•¨ã„ã†ã•"ã•¨ã€‚æœ€å¾Œã•«iptablesã•®è¨-å®šã€‚

```
# /sbin/iptables -t nat -A POSTROUTING -s [network address]/[netmask] -o eth0 -j MASQUERADE
# /sbin/iptables saveã€€ã€€â€¦â€¦ã€€è¨-å®šã,'ä¿•å˜
```

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ã,'ä½¿ã•ˆã,‹çŠ¶æ…•ã•§ESSIDã•WEPã,-ãƒ¼ã€•IPã,¢ãƒ‰ãƒ¬ã,¹ã€•ã,µãƒ–ãƒƒãƒˆãƒžã,¹ã,¯ã€•ã,²ãƒ¼ãƒˆã,¦ã,¤ã€•DNSã,µãƒ¼ãƒ•ç‰ã,'æ‰‹å‹•è¨-å®šã•—ã•¦æ�Ÿ¥ç¶šã®Œäº†ã€‚ã•Šç–²ã,Œãƒ¼ã€‚

ã€€ã‚»ã‚¤ãƒ¤ãƒ³ãƒ†ã‚£ã¯ã®é–¢ä¿‚ã•ã§ã¯ã€DHCPç¡åŠ¹ã€WEP128bitã€ãƒ•ãƒƒãƒˆãƒ¼ã‚è¨å®šã¯æ‰å…¥åŠ›å¿…é ˆã€ã¨ã„ã†ãˆã†ã«ã—ã¦ã‚ã€ã¾ã•ŸAmatsuã«ç¡ç·šã¢ã‚»ã‚¹ã•—ã•Ÿã• ã‘ã§ã¯Sambaã•ã®ãƒ•ã¡ã¤ãƒ«å…±æœ‰ãªã©ã’è¦—ã‹ã‹Œã‚“ã¨ã¯ãªã‚„ã€ç¡ç·šLANå´ã®ãƒ•ãƒƒãƒ¼ãƒ¼ã‚ã‚¢ãƒ‰ãƒ¬ã¹ã§ã¯ã‚¢ã‚»ã‚¹ä¸å¯ã«ã—ã•ã‚ã‹‰ã ã€ã•“ã®ç¹ã€Amatsuã«PPTP-VPNã¢ã‚»ã‚¹ã™ã‚‹“ã•ã§LANãƒªã‚½ãƒ¼ã‚¹ã¯ä½¿”å¯èƒ½ã«ãªã‚ã€ã‚»ã‚¤ãƒ¤ãƒ³ãƒ†ã‚£ä¸Šã‚‚PPTP-VPNã’ä½œç”¨ã—ã•Ÿæ–¹ãŒæœ›ã•¾ã—ã•ã ã€•ã†ã€

ã€€ç¡ç·šè¶Šã—ã®PPTP-VPNã§ã®å®ŸåŠ¹ã‚¹ãƒ«ãƒ¼ãƒ—ãƒƒãƒˆã¯3Mbpsç¨å°ã€Casperã•ã‹å‹•ç”šãƒ•ã¡ã¤ãƒ«ã’èªã¿å‡ºã™¨å°ã§ã‚ã‚Œã°å……ã••å••é¡Œã¯ãªã‚ã€å¤§å®¹é‡ãƒ•ã¡ã¤ãƒ«ã’ç§»ã™ã•¨ã•ãªã©ã¯ã•ã™Œã«ãƒ ã‚¤ã•Œã€

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