

ADSL – WIFI – Remote Access DILEMAS

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what is the dns on pc(2)?

>-----Original Message-----

>NETWORK:

>Conexant ADSL SOHO Router 4 Port Switch. DHCP=10.0.0.3
to 6, Fixed IP of
>10.0.0.2

>3Com WiFi 11b & 54g Fixed IP of 10.0.0.1, Currently No
DHCP, No WEP, MAC

>Address selection SET to Users. ESSID not broadcasted.

>PC(1) Toshiba Satellite Pro – LAN 10/100 = IP Auto, DNS
Fixed PROXY set &

>WiFi 54g PCMCIA (Home Only) Currently
IP=10.0.0.5,DNS=10.0.0.2

>PC(2) Toshiba Portege – LAN 10/100 = IP Auto, DNS Auto &
Built in 11b WiFi =

>IP Auto, DNS Auto.

>Both XP Pro PCs belong to professionals set up on
different Domains who only

>want to get wireless internet access not local network.

>

>DILEMA(1) As it is above without WEP

>PC(1) can use LAN or WiFi without issue but PC(2) can
only use WiFi as would

>have to change LAN proxy thus messing up settings for
main domain.

>Currently Both PCs can ping the Router & Access Points.

>Enable WEP and no DHCP provision for PC(1) or PC(2)

>With MAC address limitations, No DHCP provision for PC
(2) hence currently

>fixed IPs

>PC(2) with fixed IP's can ping routers but does not get
to Internet.(Cannot

>even open HTTP of routers)

>

>DILEMA(2)

>Disable MAC limitations PC(1) & PC(2) get DHCP via WiFi,

Not Secure however.

>*PC(2) can ping routers but does not get to Internet.*

(Cannot even open HTTP

>*of routers)*

>

>*DILEMA(3)*

>*Ignore WiFi, Hardwire and set PC(2) to Auto Ip & Auto DNS, Gets DHCP.*

>*User will keep having to reset proxy for domain (Not Ideal)*

>*PC(2) can ping routers but does not get to Internet .*

(Cannot even open HTTP

>*of routers)*

>

>*Both have identically configured firewall for home access, disabled at work.*

>*(TURN OFF – No difference)*

>

>*Question (1)*

>*What could it be on these PCs that stop DHCP as soon as WEP is enabled on*

>*One or MAC limits on another.*

>*I have set up numerous PCs using the same model ADSL/WiFi hardware on Dell*

>*Laptops etc without these issues.*

>

>*Question (2)*

>*Where else could there be a setting in Windows XP / Policy ? Which stops*

>*PC(2) from ever seeing the Internet.*

>*I thought a clue would be that it always looks for a proxy even when it is*

>*using the WiFi which looks directly at routers IP's*

>*Is there a conflict when a proxy is set anywhere , even not for the network*

>*adaptor in question ?*

>*If an alternative home profile is employed, will this bypass the proxy*

>*conflict ?*

>*I cannot enable a new profile without issues with /connection to the*

>*existing domain and administrator.*

>

>*This has been an ongoing headache for quite some time and I frankly can not*

>*see where else to check !*

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>*Please include mark.eades@tskgroupplc.com as a cc in any replies.*

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