

Re: Client Machine cannot see Active Directory

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2005-09/msg00368.html

- *From:* Derek Schauand <DerekSchauand@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 14 Sep 2005 05:26:03 -0700
-

Ace...

I see where having the domain name in AD just entered as briess would be a problem...

When I specified internal.briess.com in dhcp to force clients to use that dns suffix, I replaced briess so that should be ok now.

I have included ipconfig /all from 2 DCs on our network.... looks alright from what I can tell... neither of them see just briess as a dns suffix.

IPconfig 1:

Windows 2000 IP Configuration

Host Name : solomon2k
Primary DNS Suffix : internal.briess.com
Node Type : Hybrid

IP Routing Enabled. : No

WINS Proxy Enabled. : No

DNS Suffix Search List. : internal.briess.com

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . :
Description : Intel(R) PRO/100+ Server Adapter
(PILA8470B)
Physical Address. : 00-30-48-22-AD-84

DHCP Enabled. : No

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IP Address. : 192.168.1.1
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.1.254
DNS Servers : 192.168.1.1

IPconfig 2:

Windows 2000 IP Configuration

Host Name : w-server2k
Primary DNS Suffix : internal.briess.com
Node Type : Hybrid

IP Routing Enabled. : No

WINS Proxy Enabled. : No

DNS Suffix Search List. : internal.briess.com
briess.com

Ethernet adapter Intel Pro 1000 MT Gigabit Ethernet Adapter – Onboard:

Connection-specific DNS Suffix . :
Description : Intel(R) PRO/1000 MT Network Connection
Physical Address. : 00-0C-F1-D1-73-BF

DHCP Enabled. : No

IP Address. : 192.168.0.200

Subnet Mask : 255.255.255.0

Default Gateway : 192.168.0.1

DNS Servers : 192.168.1.1
Primary WINS Server : 192.168.1.1

Ethernet adapter Intel Fast Ethernet LAN Controller – PCI Slot 4:

Media State : Cable Disconnected

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Description : Intel(R) PRO/100 S Server Adapter
Physical Address. : 00-02-B3-EF-95-23

Also, all the clients are listed in the DNS zone internal.briess.com, some web apps like www.briess.com and mail and things live in the zone briess.com...

internal.briess.com zone list:

Name	Type	Data
wmcchart	Host	192.168.0.51
web2k	Host	192.168.1.3
w-server2k	Host	192.168.0.200
W-MSILLMAN2K	Host	192.168.0.197
w-gburmeisterxp	Host	192.168.0.39
w-gburmeister	Host	192.168.0.58
W-FPETRAN2K	Host	192.168.0.14
W-CSTROBEL2K	Host	192.168.0.150
W-CBEYER2K	Host	192.168.1.64
w-beyerc2k	Host	192.168.0.180
vstenklyftxp	Host	192.168.1.52
VSTENKLYFT2K	Host	192.168.1.124
vista1	Host	192.168.254.128
vendor2k	Host	192.168.1.144
traffic2k	Host	192.168.1.76
tmeyer2k	Host	192.168.1.66
thickey2k	Host	192.168.1.70
test2k	Host	192.168.1.68
test	Host	192.168.1.85
SQL2K	Host	192.168.1.11
solomon60test	Host	192.168.1.66
solomon2k	Host	192.168.1.1
SMUELLENBACH2K	Host	192.168.1.93
shipping01	Host	192.168.1.115
ryoung2k	Host	192.168.1.128
rndmanager	Host	192.168.1.74
RECEPTION2K	Host	192.168.1.65
reception01	Host	192.168.1.66
qualityoffice	Host	192.168.1.62
purchasing01	Host	192.168.1.94
project	Host	192.168.1.108
president	Host	192.168.1.99
PPICKART2K	Host	192.168.1.67
portalserver	Host	192.168.1.51
MPIEPENBURG2K	Host	192.168.1.248
MMCINTIRE2K	Host	192.168.1.148
mlauty2k	Host	192.168.1.150
mgruber2k	Host	192.168.1.114
MFORSTNER2K	Host	192.168.1.116
Marketing02	Host	192.168.1.82
marketing01	Host	192.168.1.107

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Maintenance02 Host 192.168.1.88
maintenance01 Host 192.168.1.81
LMANZ2K Host 192.168.1.101
LFRANZ2K Host 192.168.1.74
lboetchoer2k Host 192.168.1.153
laptop Host 192.168.2.102
labeler2k1 Host 192.168.1.117
labeler2k Host 192.168.1.122
lab3 Host 192.168.1.68
lab2 Host 192.168.1.121
lab1 Host 192.168.1.79
KVOGEL2K Host 192.168.1.105
kvhieewp Host 192.168.1.108
kschroeder2k2 Host 192.168.1.146
kschroeder2k04 Host 192.168.1.138
KSCHROEDER2K Host 192.168.1.131
kkunzxp Host 192.168.1.77
KKLASSEN2K Host 192.168.1.113
kdedering2k Host 192.168.1.95
KBOLL2K Host 192.168.1.104
jmeuer2k Host 192.168.1.157
jkrueger2k Host 192.168.1.158
jgokingxp Host 192.168.1.84
it Host 192.168.1.5
invoicing01 Host 192.168.1.133
greuels2K03 Host 192.168.1.56
foodsales Host 192.168.1.89
finance Host 192.168.1.125
FILES2K Host 192.168.1.8
extractsuper02 Host 192.168.1.123
extractsuper01 Host 192.168.1.116
extractmanager Host 192.168.1.104
exchange2k Host 192.168.1.7
dschaulandxp Host 192.168.1.69
dkuske2k Host 192.168.1.118
DistCenter Host 192.168.1.102
dboettcher2k2 Host 192.168.1.119
DBOETTCHER2K Host 192.168.1.132
custservice3 Host 192.168.1.97
CustService2 Host 192.168.1.96
custservice1 Host 192.168.1.92
credit01 Host 192.168.1.64
CMCWarehouse Host 192.168.1.75
CMCLAB2K Host 192.168.0.22
cmc_maintenance Host 192.168.1.114
CKREBSBACH2K-03 Host 192.168.1.71
CKREBSBACH2K Host 192.168.1.53
CKLEINHANS2K Host 192.168.1.123
citrix2k Host 192.168.1.63
CFIELD2K Host 192.168.1.111
CELERON2K Host 192.168.1.61

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CARTMAN Host 192.168.1.90
BWASDOVITCH2K Host 192.168.1.58
BTASCH2K Host 192.168.1.46
brushlaptop Host 192.168.1.94
BRUSH2K Host 192.168.1.62
briess-7916803x Host 192.168.1.244
BPARR2K3 Host 192.168.1.57
bhansen2k Host 192.168.1.85
BDOETTCHEER2K Host 192.168.1.132
ashiplett2k Host 192.168.1.98
area151 Host 192.168.1.130
area151 Host 192.168.1.51
archive95 Host 192.168.1.107
ACASPER2K Host 192.168.1.109
_udp
_tcp
_sites
_msdcs
(same as parent folder) Start of Authority [2134],
solomon2k.internal.briess.com., admin.
(same as parent folder) Name Server solomon2k.internal.briess.com.
(same as parent folder) Host 192.168.1.10
(same as parent folder) Host 192.168.1.7
(same as parent folder) Host 192.168.1.3
(same as parent folder) Host 192.168.1.1
(same as parent folder) Host 192.168.0.200
(same as parent folder) Host 192.168.0.2
(same as parent folder) Host 169.254.148.31

I think it is beginning to make sense a little more now. I walked into this environment and it was limping along well enough to leave it alone until recently...

Thanks again for all your help...

Derek

"Ace Fekay [MVP]" wrote:

> In news:51DD5A67-32C0-4005-BDBE-44E57AAB1802@xxxxxxxxxxxxxxxx,
> Derek Schauland <DerekSchauland@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> made this post,
> which I then commented about below:
>> Hello Ace,
>>
>> I do remember using a single name rather than the FQDN when adding
>> this box to the domain.
>>
>> the IP info is below, sorry for not providing it sooner...

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>>
>> Windows IP Configuration
>> Host Name . . . . . : invoicing01
>> Primary Dns Suffix . . . . . : internal.briess.com
>> Node Type . . . . . : Hybrid
>> IP Routing Enabled. . . . . : No
>> WINS Proxy Enabled. . . . . : No
>> DNS Suffix Search List. . . . . : internal.briess.com
>> BRIESS
>>
>> Ethernet adapter Local Area Connection:
>>
>> Connection-specific DNS Suffix . : BRIESS
>> Description . . . . . : Broadcom NetXtreme 57xx
>> Gigabit Controller
>>
>> Physical Address. . . . . : 00-12-3F-2E-4A-70
>> Dhcp Enabled. . . . . : Yes
>> Autoconfiguration Enabled . . . : Yes
>> IP Address. . . . . : 192.168.1.133
>> Subnet Mask . . . . . : 255.255.255.0
>> Default Gateway . . . . . : 192.168.1.254
>> DHCP Server . . . . . : 192.168.1.1
>> DNS Servers . . . . . : 192.168.1.1
>> Primary WINS Server . . . . . : 192.168.1.1
>> Lease Obtained. . . . . : Monday, September 12, 2005
>> 7:50:52 AM
>>
>> Lease Expires . . . . . : Thursday, October 27, 2005
>> 7:50:52 AM
>>
>> I am guessing that removing the PC and adding it back to the domain
>> using internal.briess.com as the domain name would correct this?
>>
>> Derek
>
> What is AD's DNS domain name? Is it "Breiss" or "breiss.com"?
>
> The Search Suffix on this machine (assuming it's the client), is set to:
>> DNS Suffix Search List. . . . . : internal.briess.com
>> BRIESS
>
> So when you attempt to connect to \\servername, the resolver service will
> first look for (in the order shown above), "servername.briess.com", and if
> not found under that zone, will then look for "servername.breiss". Then if
> neither is found, it will attempt to ask WINS. So do you see how the Search
> Suffix dictates resolution? If either the record doesn't exist under either
> zone, or the zone doesn't exist, and it doesn't exist in WINS, then it
> returns "not found".
>
> When resolving for \\domain, it will treat it as a NetBIOS name. So when it
```


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