

Zero config

Server configuration guide for ABit Software Zero Config / Auto Discover DNS setup

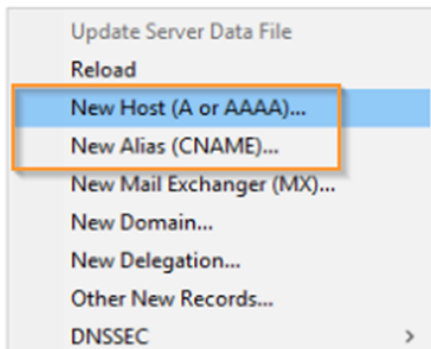
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DNS Setup

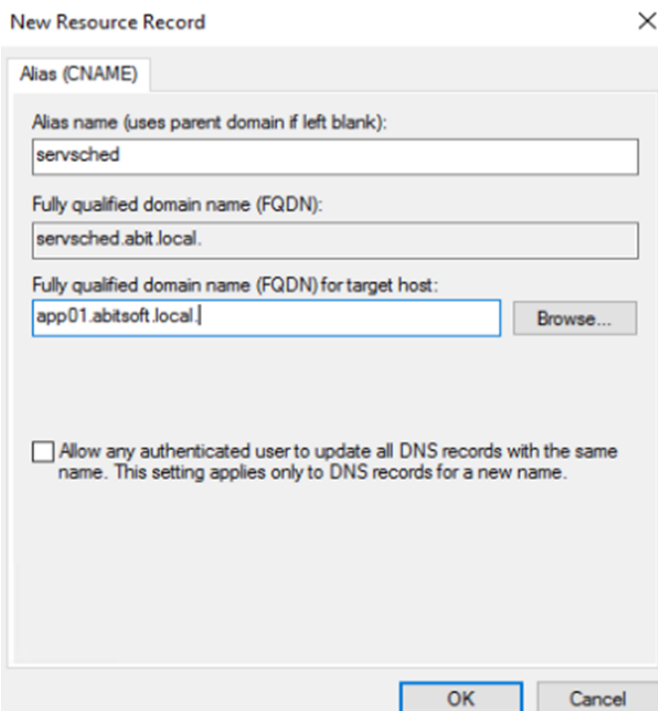
Abit software products support a DNS lookup option for clients to auto discover the server. This works using a SRV record on your DNS server.

Create DNS record for product.domain (eg servsched.abit.local)

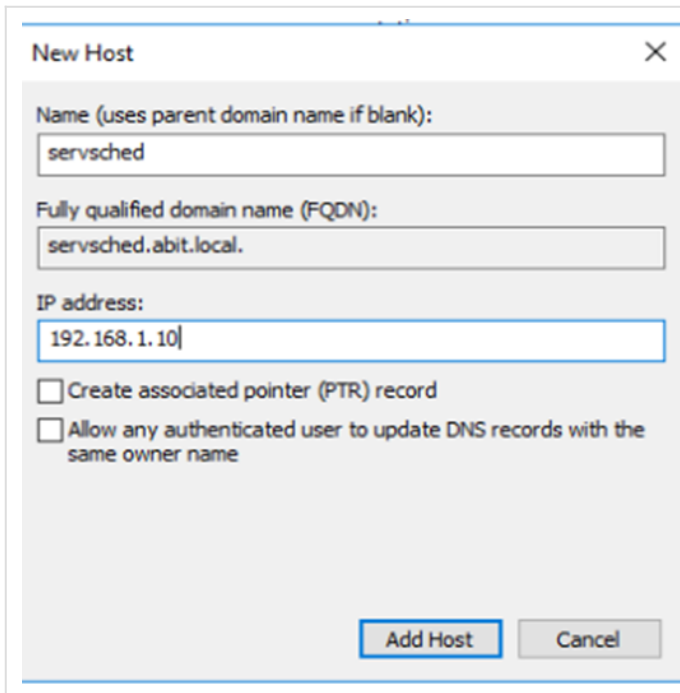
This is an optional step but recommended step. By providing a DNS name you can easily direct users to <http://servsched:8090> for client installation.



Pick one of the two options, create a CNAME record to the name of the current server or a new A record entry to the IP address.

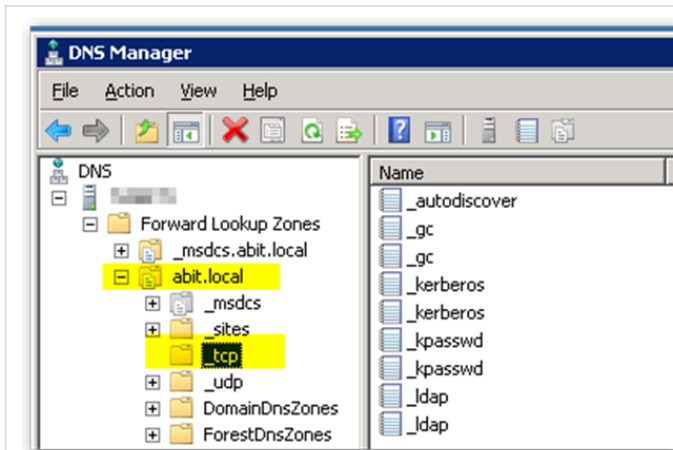
A screenshot of the 'New Resource Record' dialog box. The 'Alias (CNAME)' tab is selected. The 'Alias name (uses parent domain if left blank):' field contains 'servsched'. The 'Fully qualified domain name (FQDN):' field contains 'servsched.abit.local.'. The 'Fully qualified domain name (FQDN) for target host:' field contains 'app01.abitsoft.local.' and has a 'Browse...' button next to it. At the bottom, there is an unchecked checkbox with the text: 'Allow any authenticated user to update all DNS records with the same name. This setting applies only to DNS records for a new name.' Below the dialog are 'OK' and 'Cancel' buttons.

CNAME example

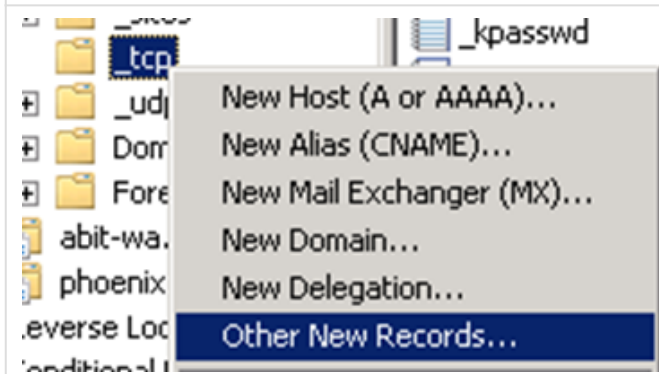


A record example

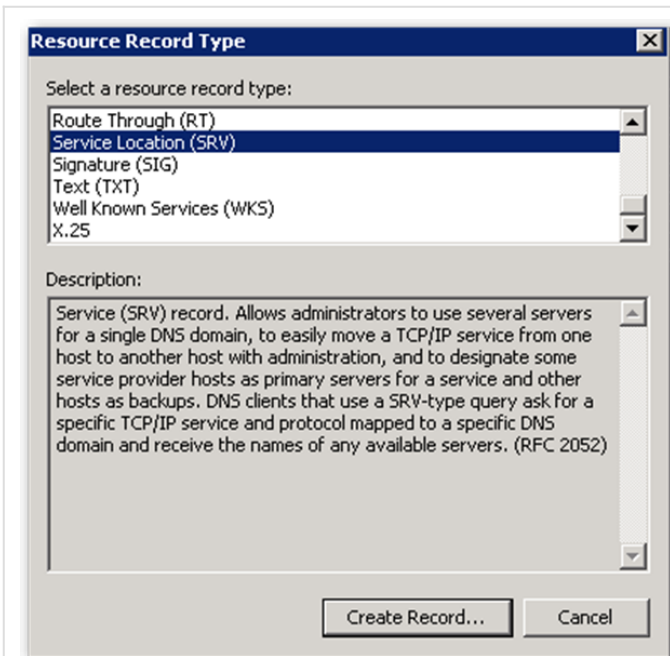
Create DNS SRV record



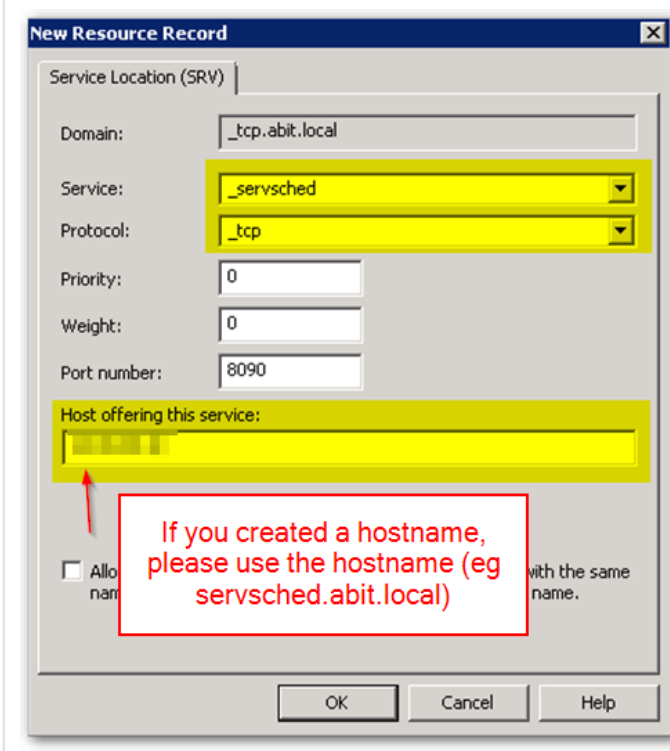
Navigate to `_tcp` for your active directory domain.



Right click and select Other New Records...



Select Service Location (SRV)



Enter a service name of _servsched, protocol _tcp and ensure the port number and host match your server configuration.

Product default ports

Service Scheduler	8090
Police Book	8092

Testing DNS

- Click Start, and then click Run.
- In the Open box, type cmd.

- Type nslookup, and then press ENTER.
- Type set type=all, and then press ENTER.
- Type _servsched._tcp.{Domain_Name}, where Domain_Name is the name of your domain, and then press ENTER.

```
set type=all
_servsched._tcp.{domain}
```

```
> set type=all
> _servsched._tcp.abit.local
Server: ██████████
Address: ██████████

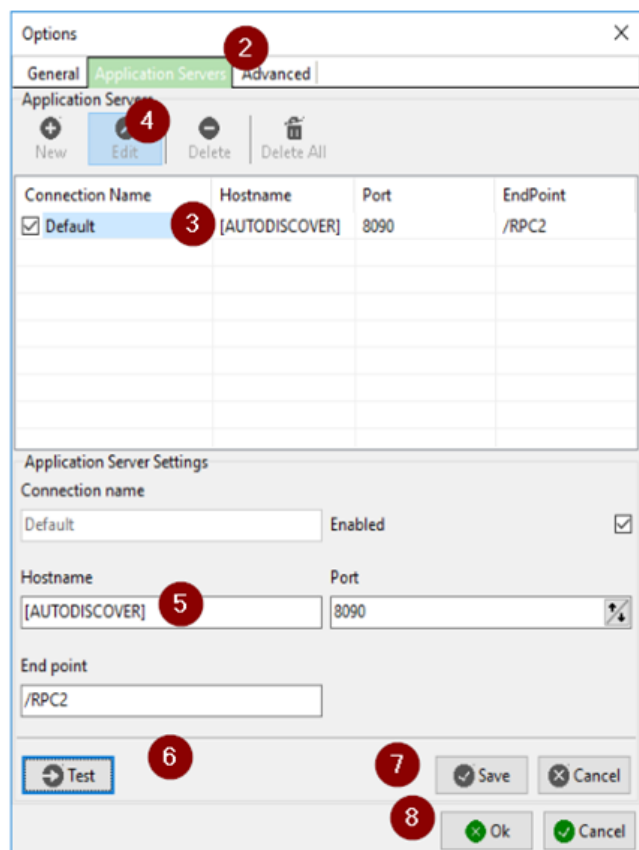
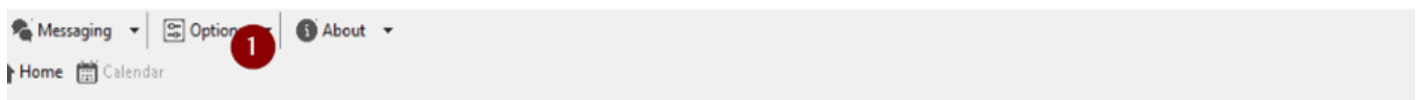
_servsched._tcp.abit.local      SRV service location:
    priority      = 0
    weight        = 0
    port          = 8090
    svr hostname  = app01.abitsoft.local
app01.abitsoft.local           internet address = ██████████
app01.abitsoft.local           AAAA IPv6 address = ██████████
> |
```

Client setup

New installations will automatically have “[AUTODISCOVER]” as the server hostname. To transition an existing device. This hostname needs to be changed to “[AUTODISCOVER]”

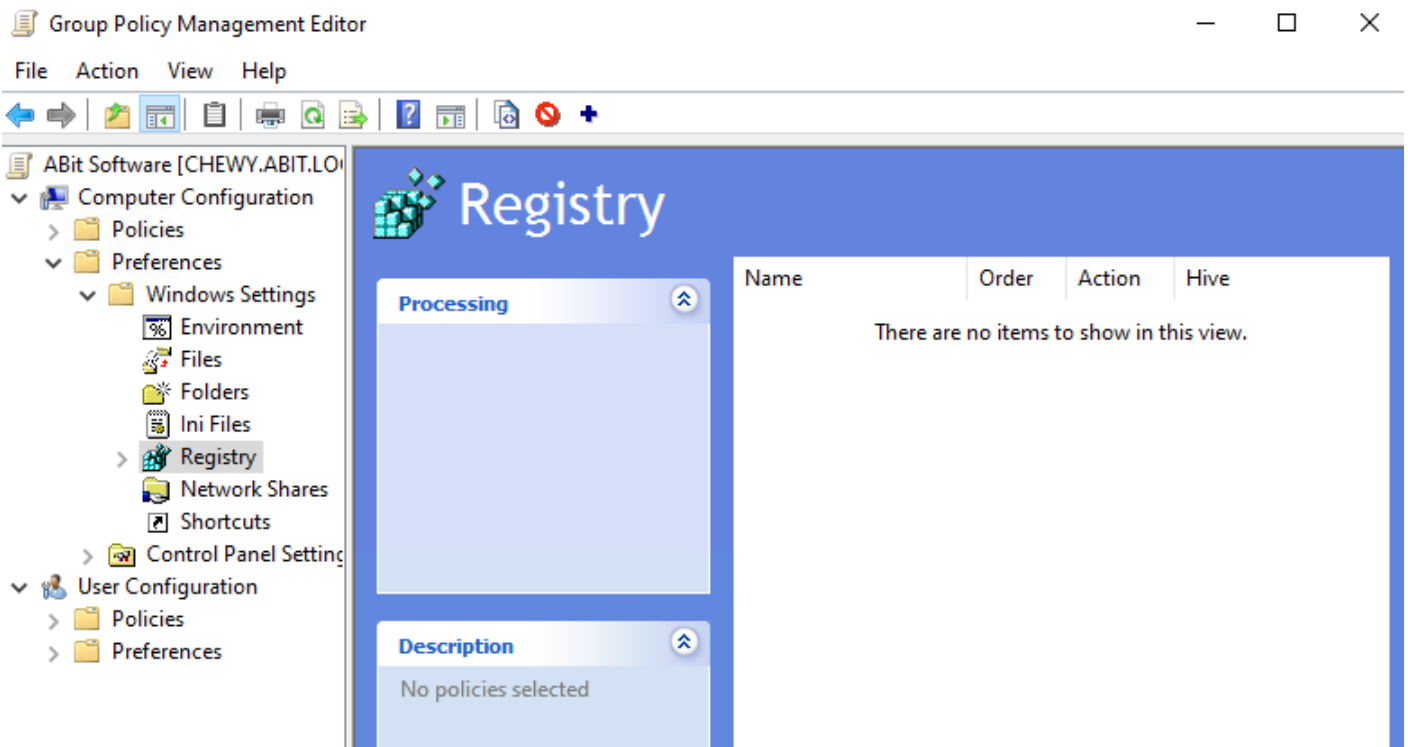
Manual update

Select Options -> Application Servers and change the hostname to [AUTODISCOVER]

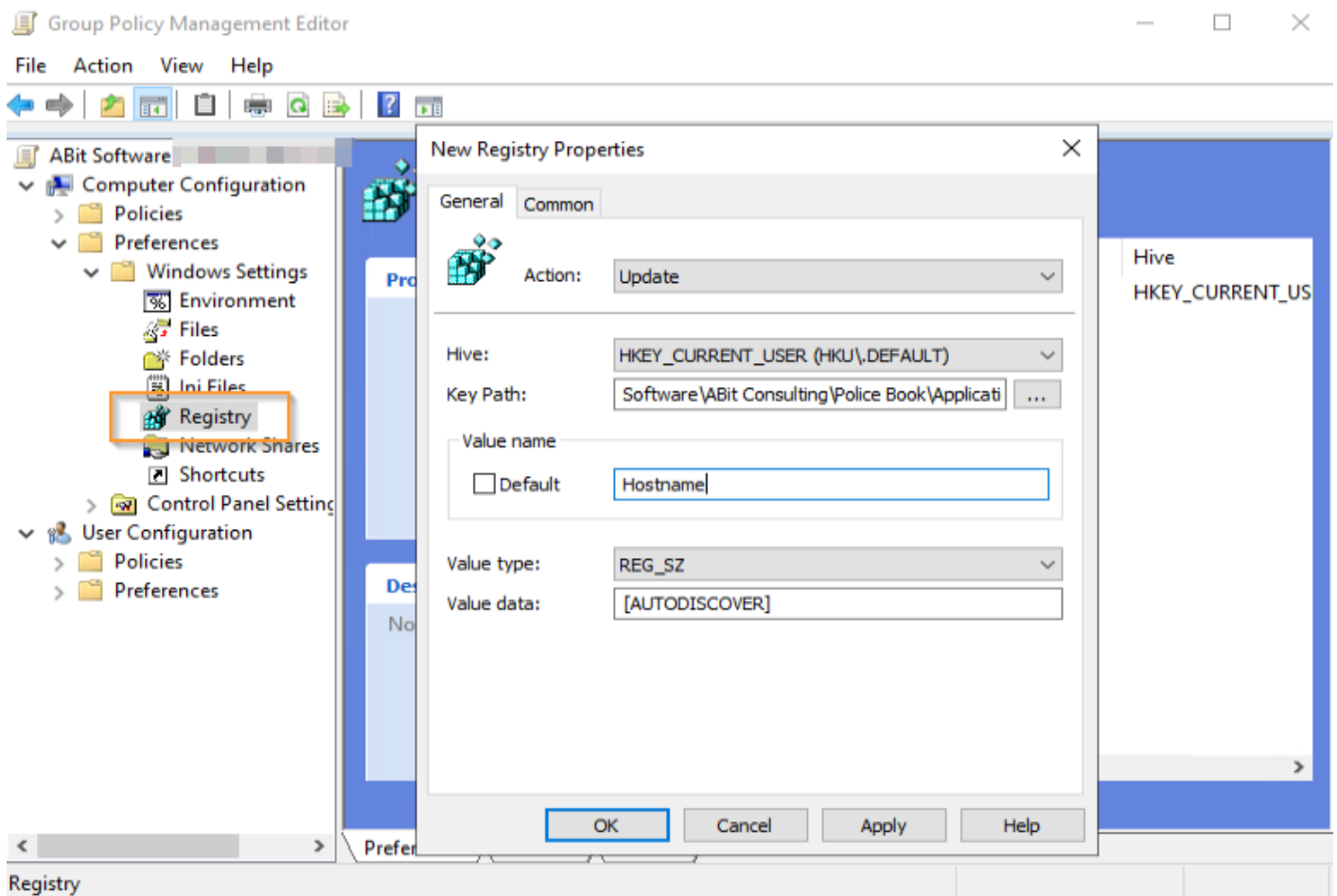


Client IP Address Changes via Group Policy

Using a group policy via Active Directory is the recommended way



Computer Configuration \ Preferences \ Windows Settings\ Registry



Service Scheduler

HKEY_CURRENT_USER

Software\ABit Consulting\Service Scheduler\Application Servers\Default

ValueName: Hostname

ValueData: [AUTODISCOVER]

Police Book

HKEY_CURRENT_USER

Software\ABit Consulting\Police Book\Application Servers\Default

ValueName: Hostname

ValueData: [AUTODISCOVER]