

Zero config

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

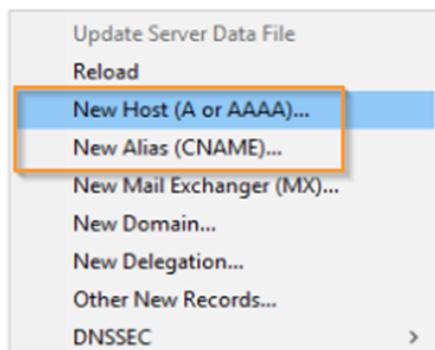
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DNS Setup

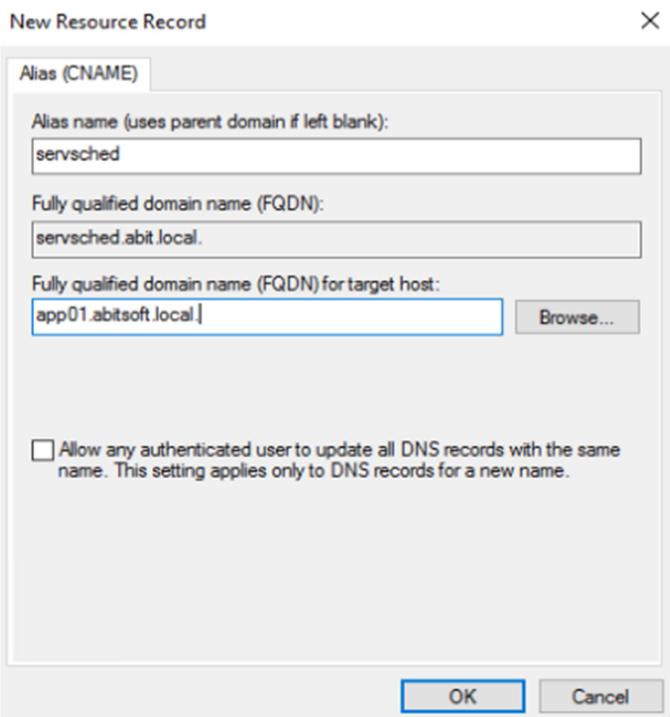
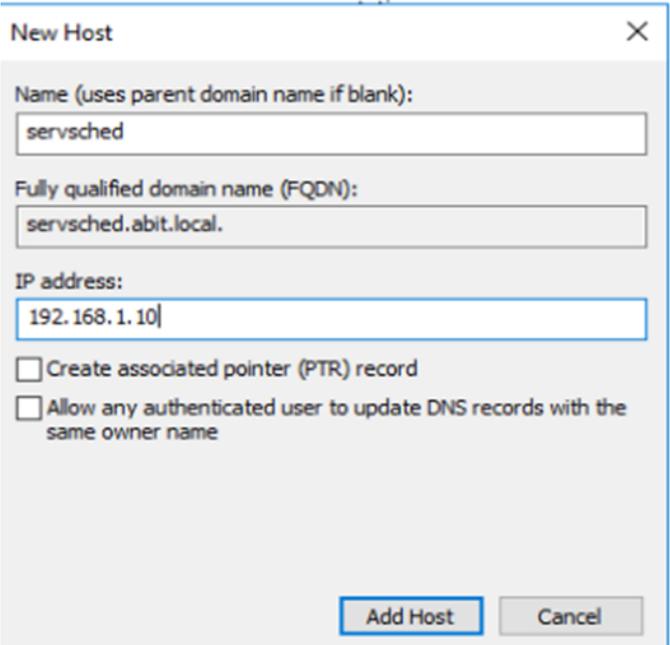
ABit software products support a DNS lookup option for clients to auto discover the server. This works using a SRV record on your DNS server.

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

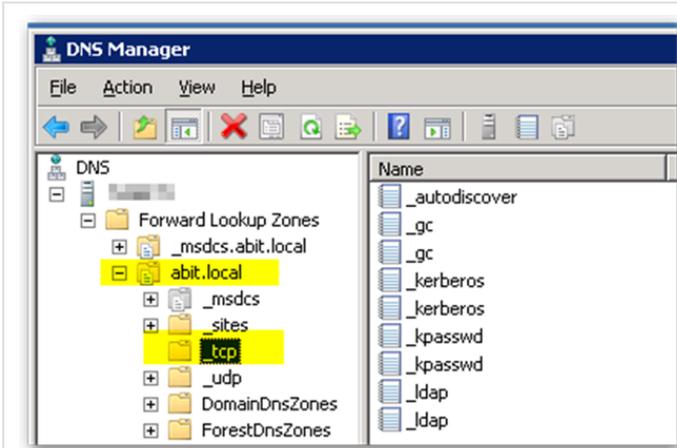
This is an optional step but recommended step. By providing a DNS name you can easily direct users to <http://servsched:8090> for client installation.



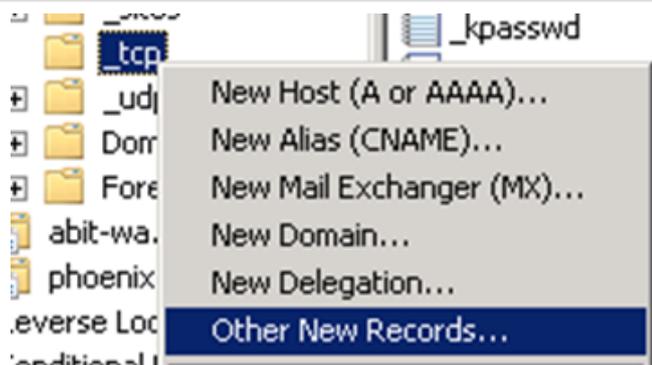
Pick one of the two options, create a CNAME record to the name of the current server or a new A record entry to the IP address.

 <p>The screenshot shows the 'New Resource Record' dialog box with the 'Alias (CNAME)' tab selected. It contains three text input fields: 'Alias name (uses parent domain if left blank):' with 'servsched', 'Fully qualified domain name (FQDN):' with 'servsched.abit.local.', and 'Fully qualified domain name (FQDN) for target host:' with 'app01.abitsoft.local'. There is a 'Browse...' button next to the target host field. 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.' and 'OK' and 'Cancel' buttons.</p>	<p>CNAME example</p>
 <p>The screenshot shows the 'New Host' dialog box. It contains three text input fields: 'Name (uses parent domain name if blank):' with 'servsched', 'Fully qualified domain name (FQDN):' with 'servsched.abit.local.', and 'IP address:' with '192.168.1.10'. There are two unchecked checkboxes: 'Create associated pointer (PTR) record' and 'Allow any authenticated user to update DNS records with the same owner name'. At the bottom, there are 'Add Host' and 'Cancel' buttons.</p>	<p>A record example</p>

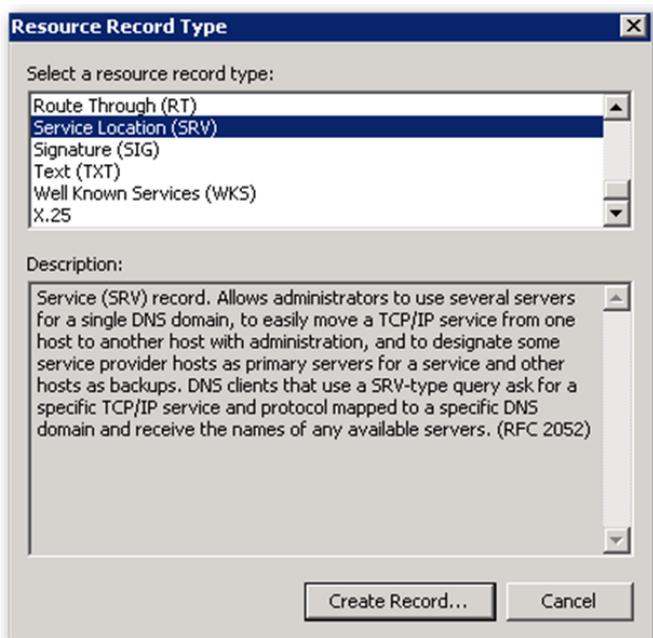
Create DNS SRV record



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: ██████████
```

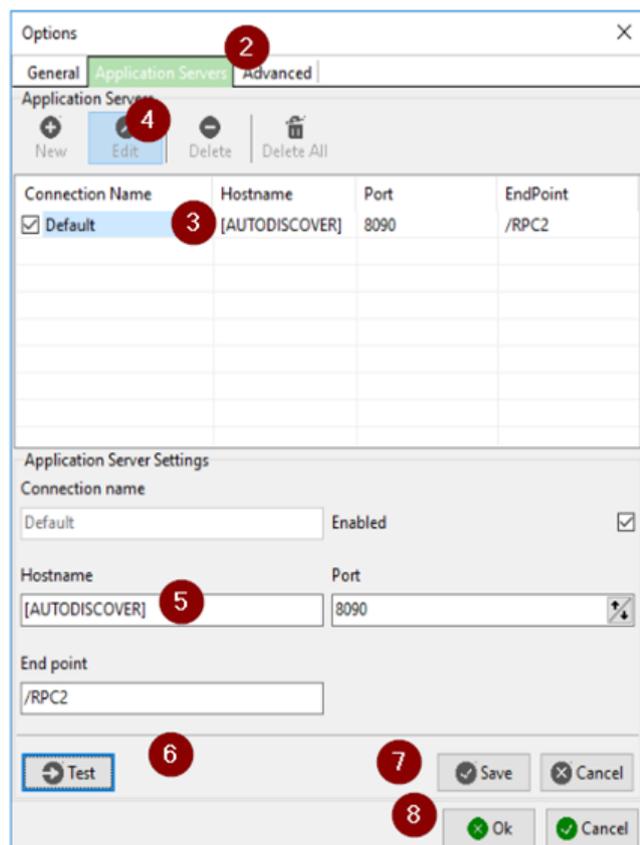
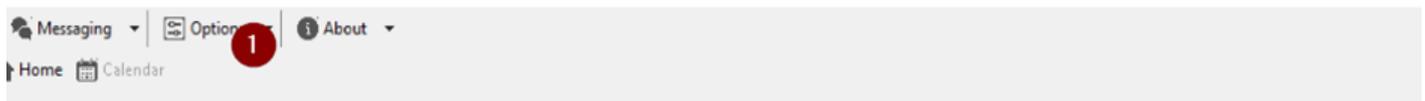
```
_servsched._tcp.abit.local      SRV service location:
  priority      = 0
  weight        = 0
  port          = 8090
  svr hostname  = app01.abitsoft.local
app01.abitsoft.local            internet address = ██████████
app01.abitsoft.local            AAAA IPv6 address = ██████████
> |
```

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]”

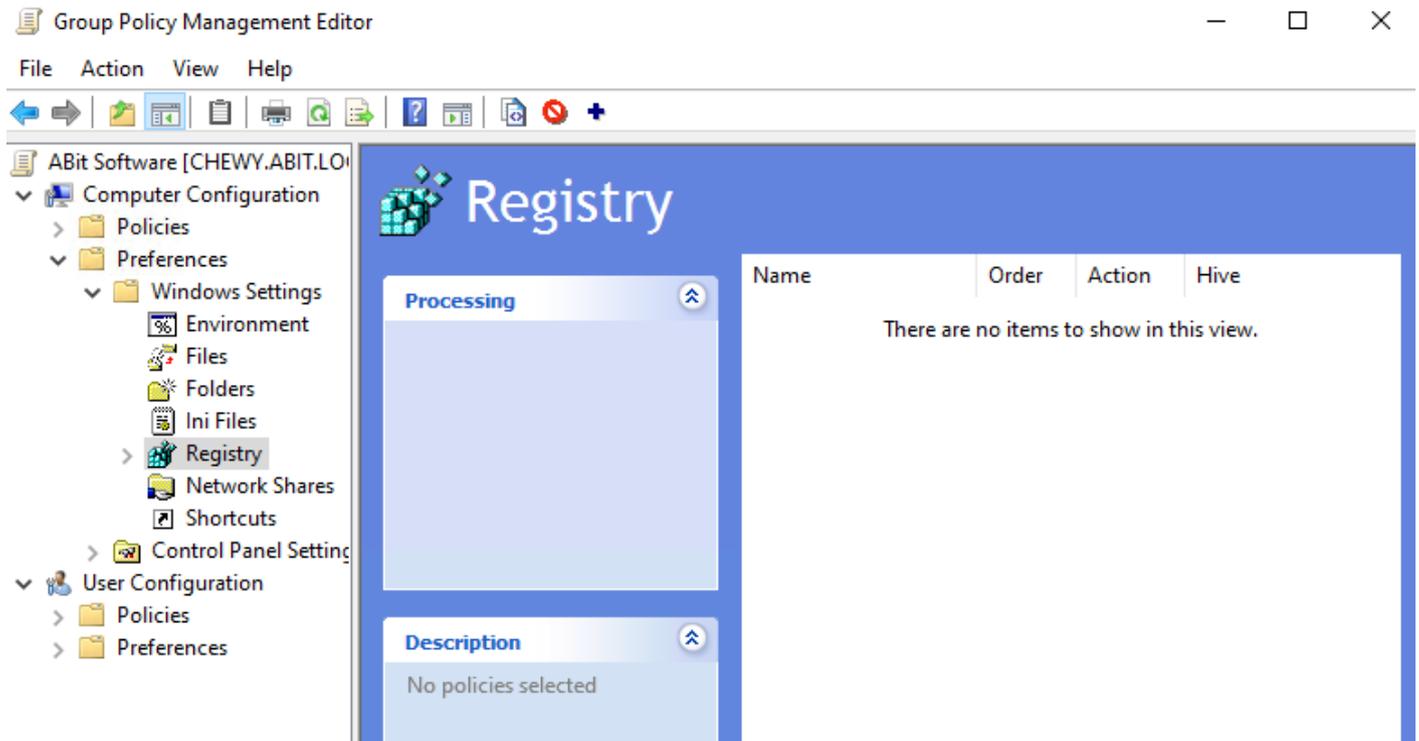
Manual update

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

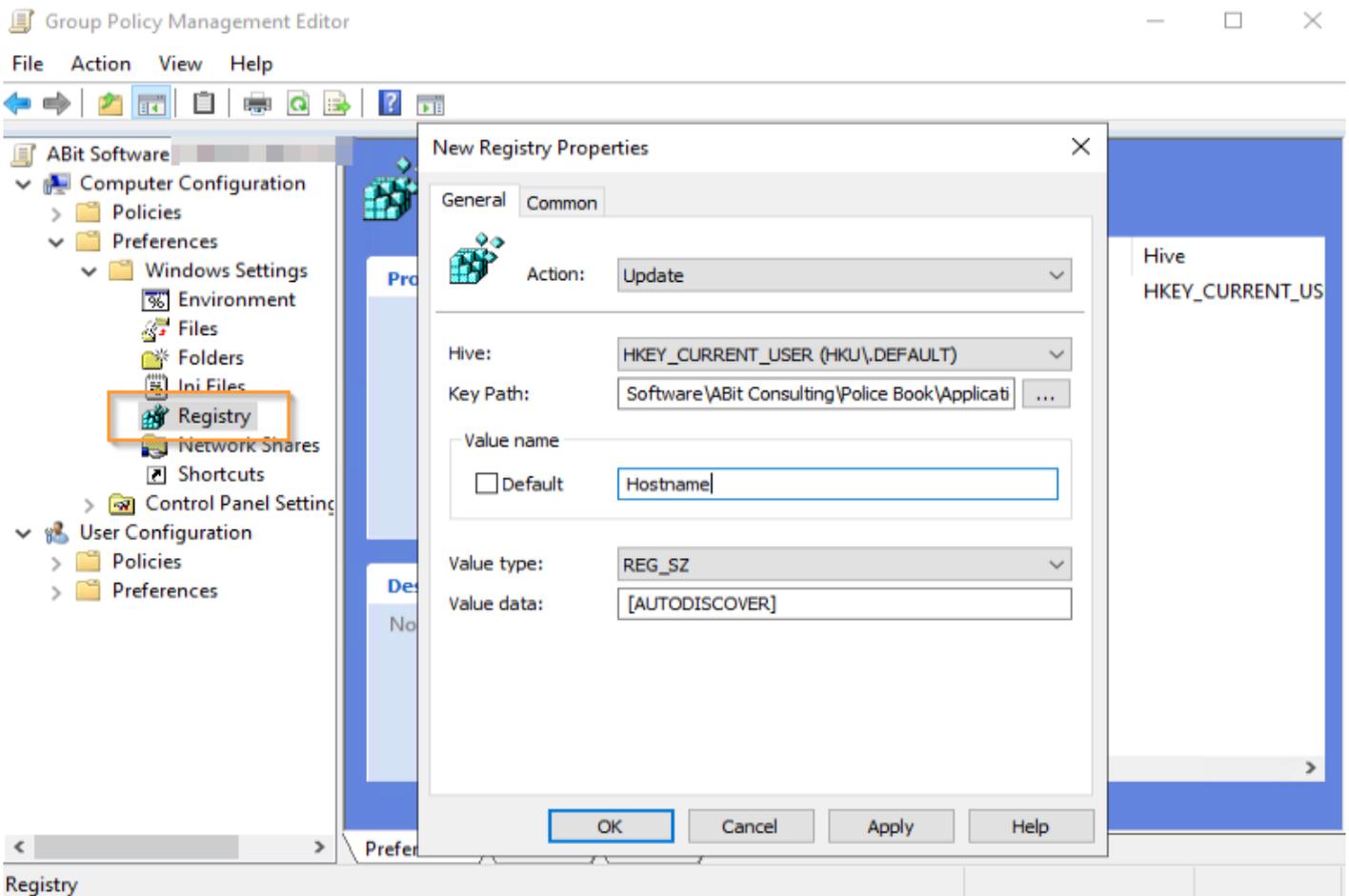


Client IP Address Changes via Group Policy

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]