

Forwarding

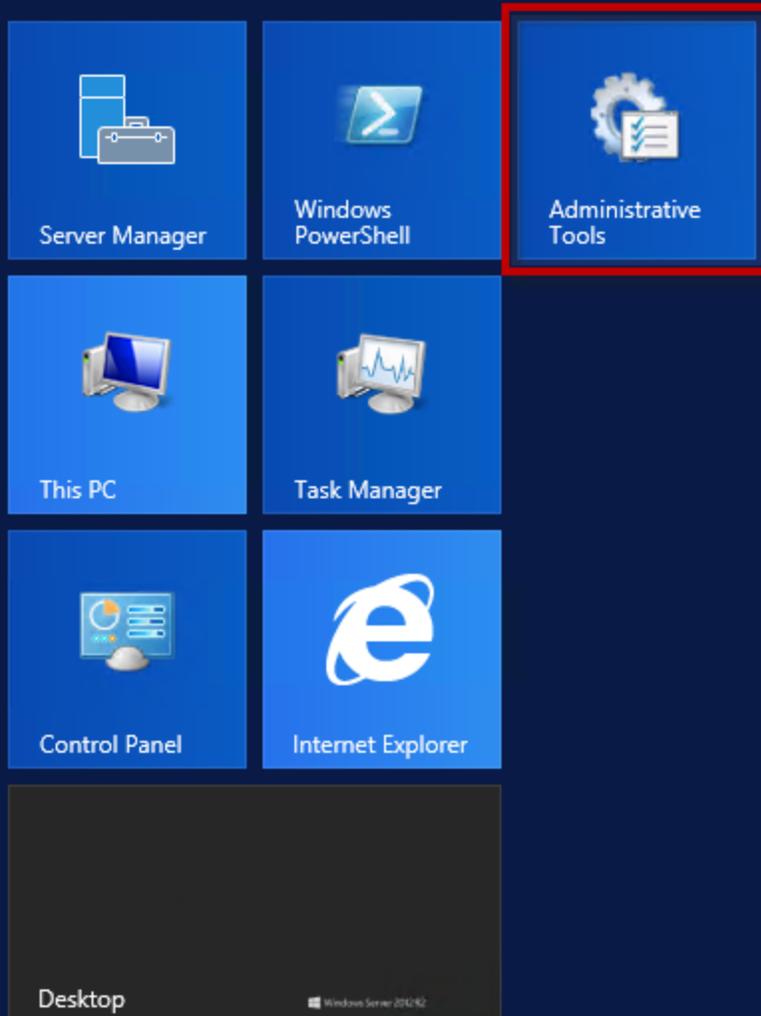
A *forwarder* is a network DNS server that you configure to forward DNS queries for host names that it cannot resolve to other DNS servers for resolution. In a typical environment, the internal DNS server forwards queries for external DNS host names to DNS servers on the Internet. For example, if the local network DNS server cannot authoritatively resolve a query for www.microsoft.com, then the local DNS server can forward the query to the internet service provider's (ISP's) DNS server for resolution.

Conditional Forwarding

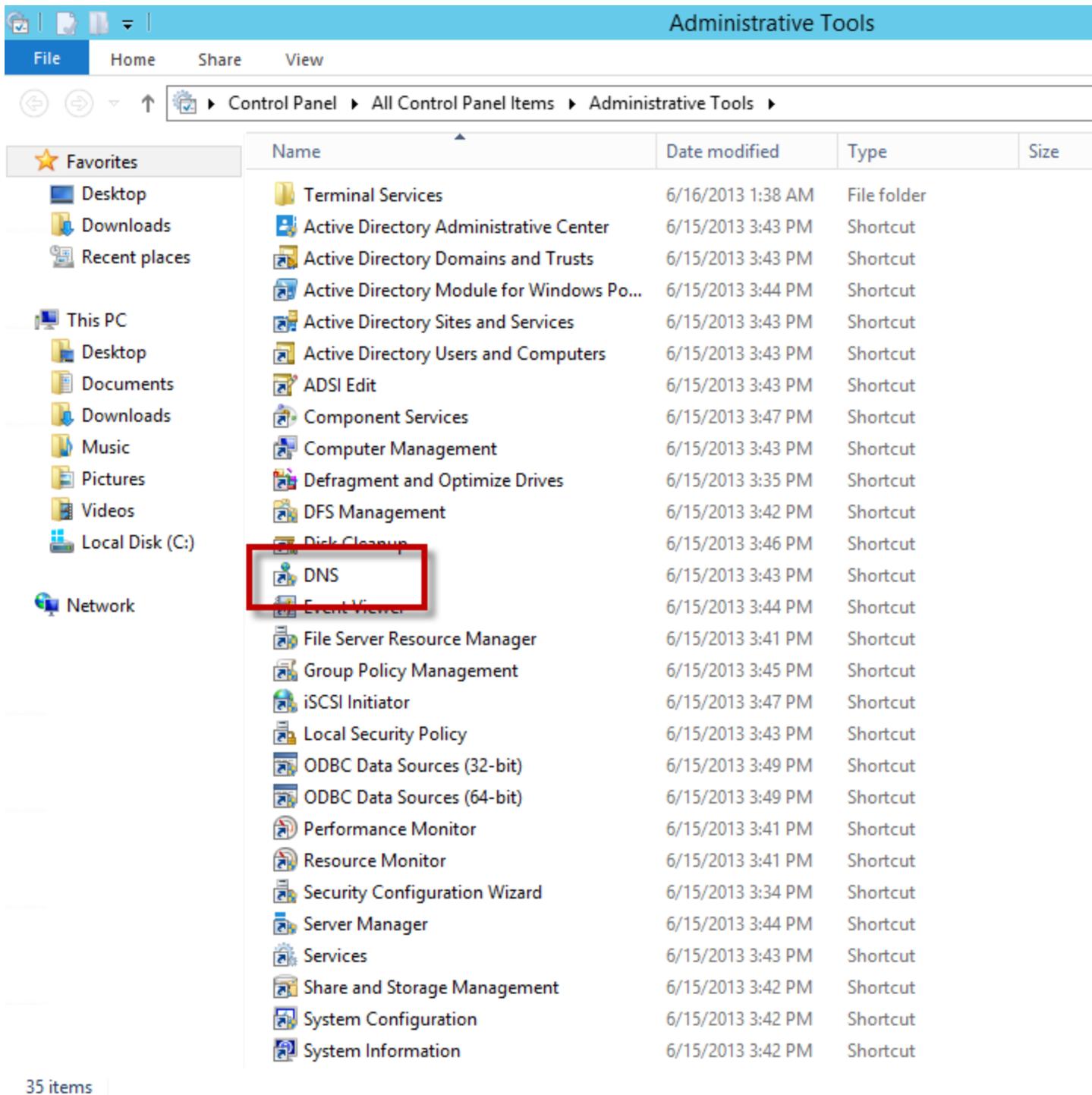
You also can use conditional forwarders to forward queries according to specific domain names. A conditional forwarder is a setting that you configure on a DNS server that enables forwarding DNS queries based on the query's DNS domain name. For example, you can configure a DNS server to forward all queries that it receives for names ending with corp.adatum.com to the IP address of a specific DNS server, or to the IP addresses of multiple DNS servers. This can be useful when you have multiple DNS namespaces in a forest. For example, suppose Contoso.com and Adatum.com are merged. Rather than each domain having to host a complete replica of the other domain's DNS database, you could create conditional forwarders so that they point to each other's specific DNS servers for resolution of internal DNS names

On your Windows Server 2012/2012 R2 server, bring up the Start Menu and click on Administrative Tools.

Start

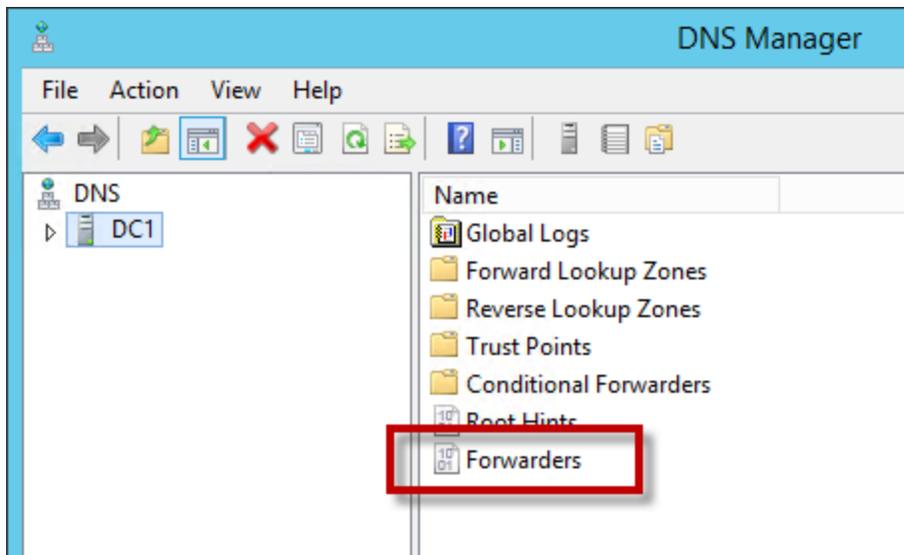


A2. When the Administrative Tools open, double-click the DNS console icon.



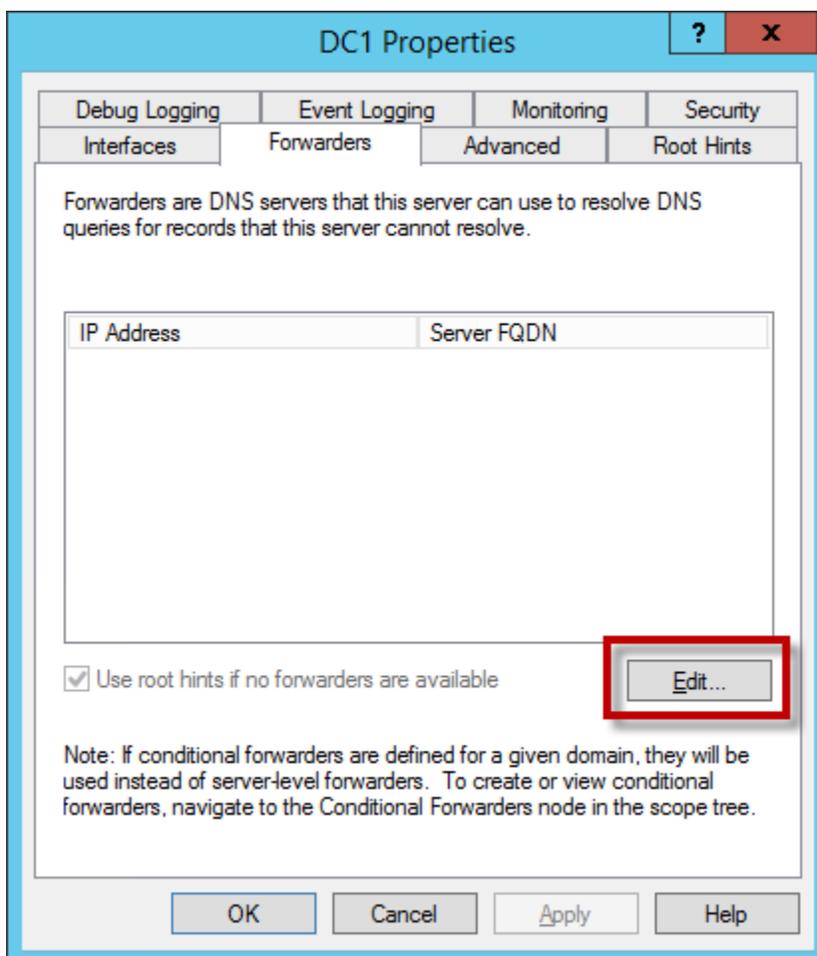
This will open the DNS Manager.

A3. In the DNS Manager, double-click on Forwarders.



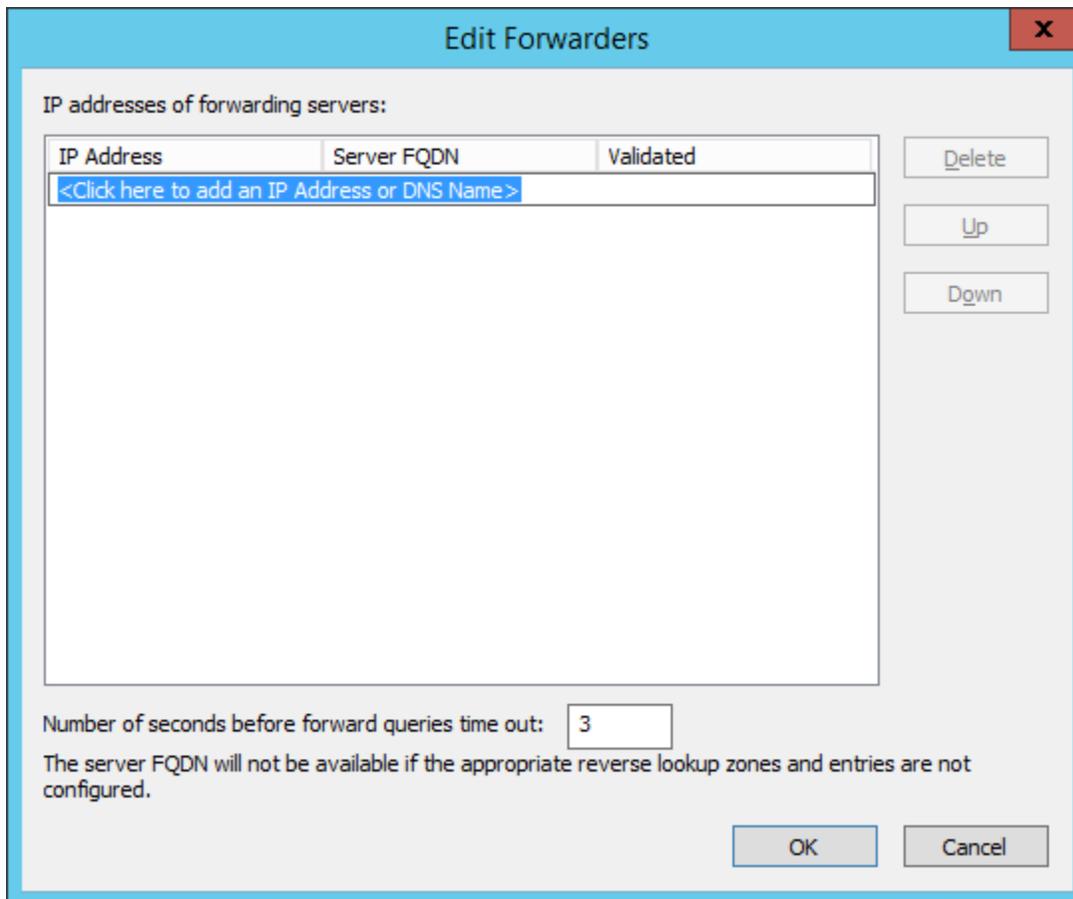
You should be taken to the Forwarders tab in the server's Properties.

A4. Click the Edit... button.



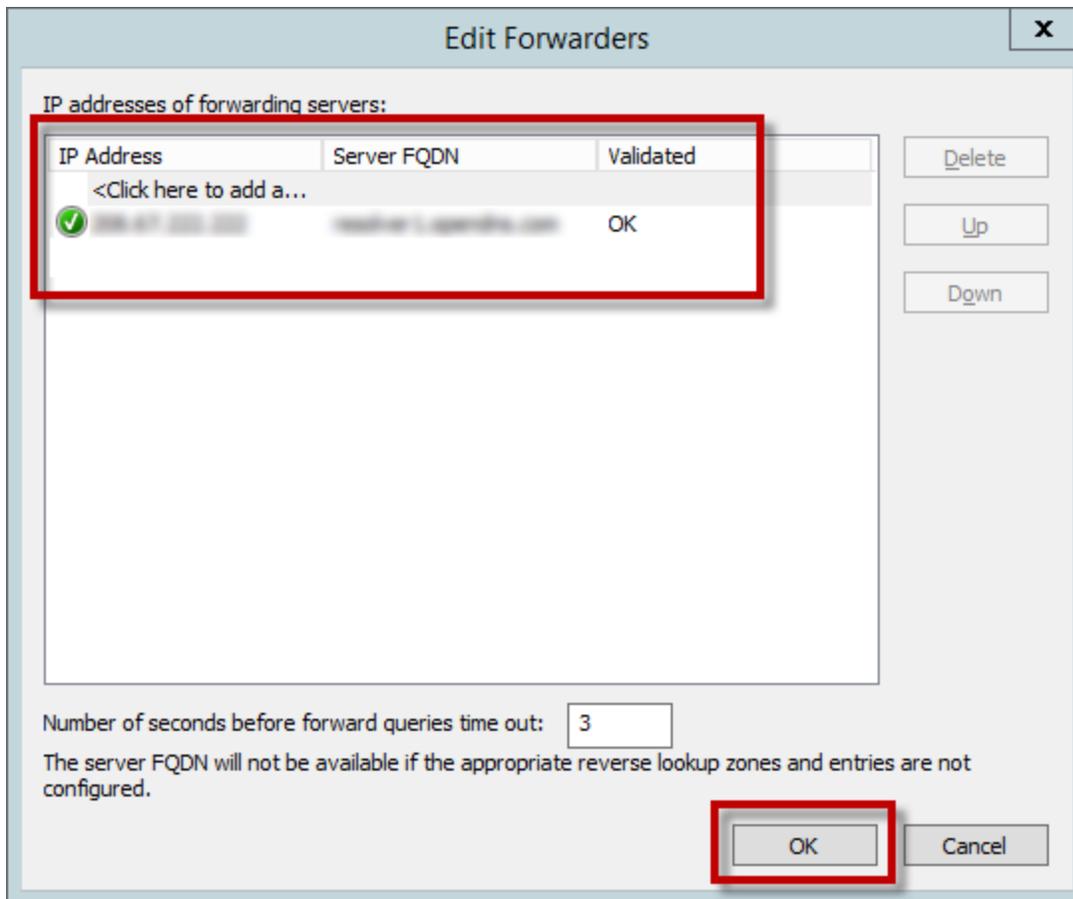
This will open the Edit Forwarders dialog.

A5. Type in the IP addresses for your SecureSchool appliance.



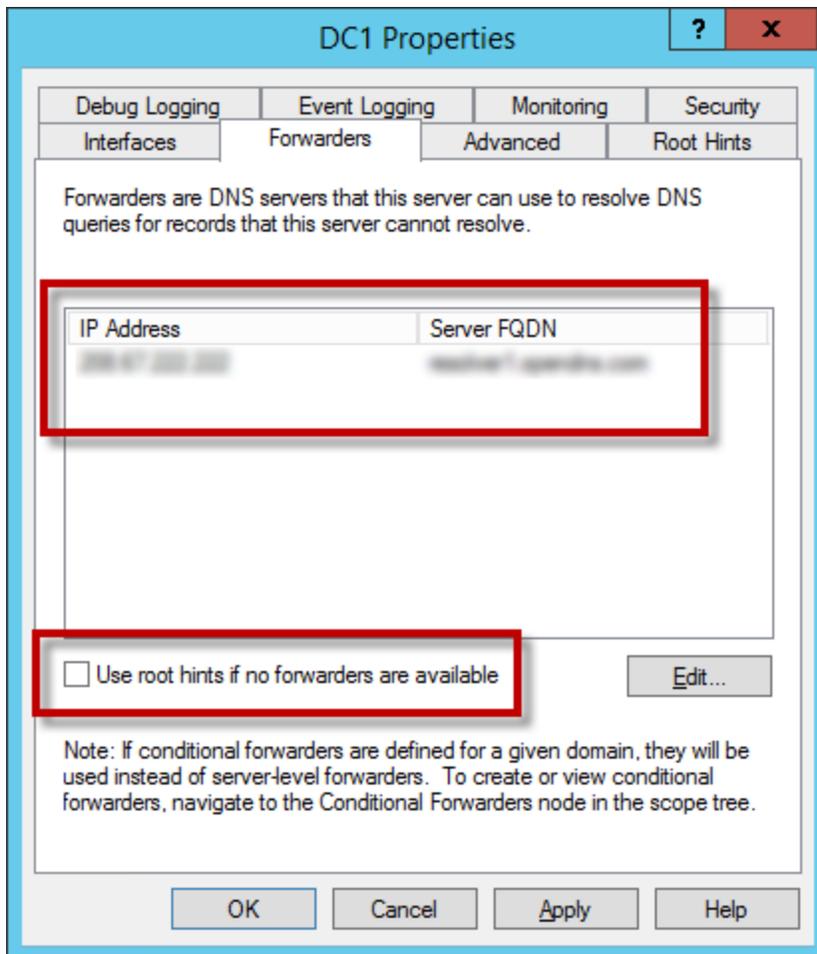
It should look something like this when you're done.

A6. Click OK to close the dialog box.



After clicking OK, you'll be taken back to the DNS server's Properties. It should look something like the screenshot below.

A7. By default, the "Use root hints if no forwarders are available" box will be checked. **Uncheck it.**



A8. When you're done, click OK.