Heimdal DNS-N LogAgent and HybridDNS Install Guide

The DNS Security Network LogAgent and HybridDNS allows you to associate the IP addresses of the Allowed Requests and Prevented Attacks to the Hostnames on which the network filtering took place.

The DNS Security Network LogAgent and HybridDNS is available, for download and install, in three manners:

- included in the Heimdal™ Agent .msi package (available for Windows Server versions)
- as a stand-alone .msi package (available for Windows Server versions)
- as a stand-alone downloadable archive and, then, using an install script (available for Linux Ubuntu equipped machines)

Prerequisites:

- Uninstall CSIS LogAgent
- **Uninstall WinPcap**

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Installation via the Heimdal™ Dashboard – available only for Windows Server

In the "Management" -> "Active Clients" section of the Heimdal™ dashboard, if an endpoint is running a Windows Server operating system, the "Install DNS-N LogAgent and HybridDNS" option is available, in the "Select what action to take" drop down list.

By clicking on this command, the DNS Security Network LogAgent and HybridDNS will be installed on that specific endpoint.

In case of installation via the Heimdal™ Dashboard, the LogAgent will be updated automatically, whenever a new version is available.

HybridDNS

HybridDNS can be enabled via Network Settings by checking HybridDNS as in the picture below. It works only for Windows, and the DNS forwarders should be different than the DNS Security Network servers that are displayed in Network settings.

Manual install on Windows Server using a stand-alone .msi Installer – working only for Windows Server

The DNS Security Network LogAgent and HybridDNS can be manually installed by downloading the stand-alone .msi from the Heimdal™ Dashboard, Guide section -> Download and install tab and then, click "Install".

In case of manual install, through the stand-alone .msi, the LogAgent and HybridDNS will be updated automatically, whenever a new version is available.

Manual install on Linux Ubuntu using an install script – working only for Ubuntu

In case of the Linux Ubuntu operating system, the DNS Security Network LogAgent and HybridDNS can be manually installed by downloading the .zip archive from the Heimdal™ Dashboard, Guide section -> Download and install tab, extracting it to any chosen location and running, from the extracted archive, "install-ubuntu.sh" with sudo permissions and providing the license key:

```
install-ubuntu.sh License_Key_Here
```

In case of manual install, through the Linux Ubuntu operating system .zip archive, the LogAgent and HybridDNS will be updated automatically whenever a new version is available.

Set-up DNS forwarders for Windows Server via GUI

1. In Server Manager, go to Tools > DNS
   - *If DNS is not present there, please install it via Server Manager*

2. Right Click on Windows Server Machine Hostname > Properties > Forwarders
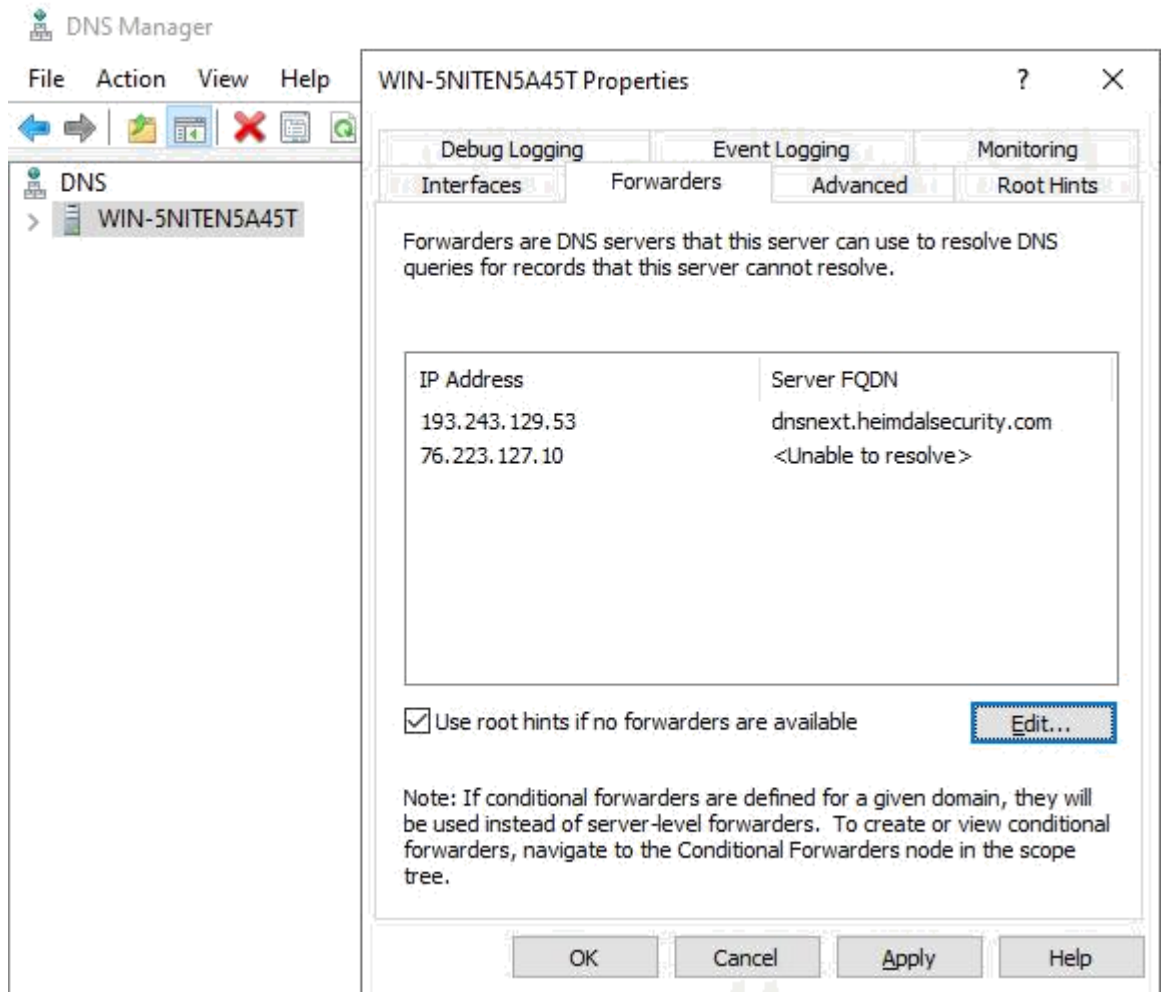
3. Click Edit and Add the required DNS Forwarders

Edit Forwarders ×

IP addresses of forwarding servers:

IP Address	Server FQDN	Validated
<Click here to add an IP Address or DNS Name>		
✅ 193.243.129.53	dnsnext.heimdalsecurit…	OK
✅ 76.223.127.10	<Unable to resolve>	OK

Delete

Up

Down

Number of seconds before forward queries time out: 3

The server FQDN will not be available if the appropriate reverse lookup zones and entries are not configured.

OK | Cancel

Set-up DNS forwarders for Windows Server via PowerShell

1. Confirm DNS Feature is installed

```
Get-WindowsFeature -Name *DNS*
```

```
PS C:\Users\Administrator> Get-WindowsFeature -Name *DNS*

Display Name                                    Name                Install State
------------                                    ----                -------------
[X] DNS Server                                  DNS                     Installed
        [X] DNS Server Tools                    RSAT-DNS-Server         Installed
```

2. If DNS Feature is not installed, install it

```
Install-WindowsFeature -Name DNS -IncludeManagementTools
```

3. Use the following commands to Check, Add, Remove Forwarders

```
Get-DnsServerForwarder
Add-DnsServerForwarder -IPAddress 193.243.129.53
Remove-DnsServerForwarder -IPAddress 76.223.127.10
```

If you need help with anything, don't hesitate to contact
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