Technical Note: DNS resolution not working when DNS Server configured to ’Same as Interface IP’

Article Number: 135 | Rating: Unrated | Last Updated: Wed, Aug 9, 2017 at 5:32 PM

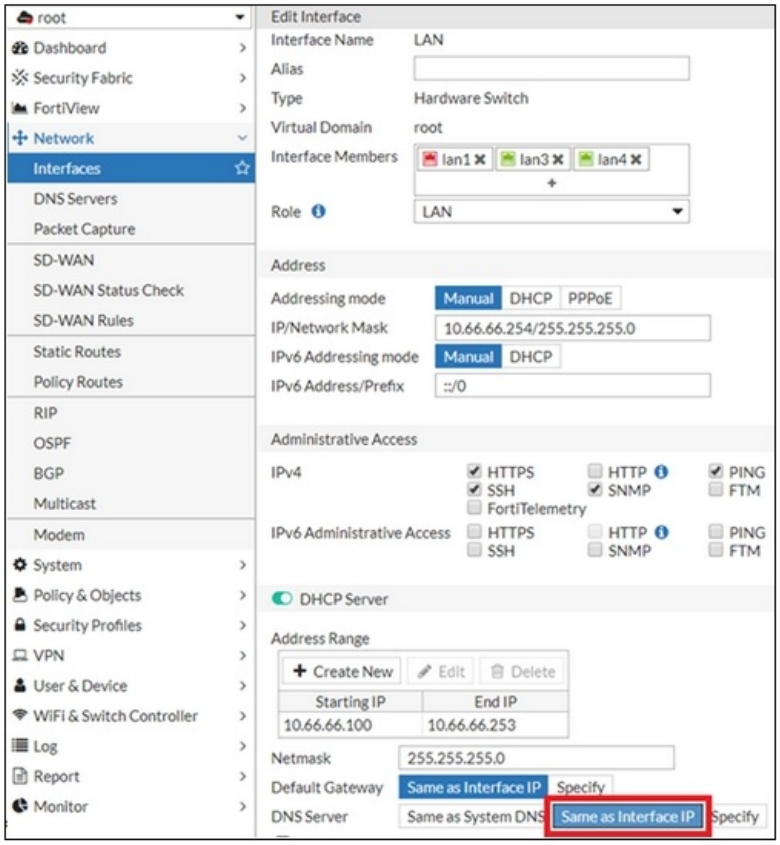
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Products

Products
FortiGate v5.2
FortiGate v5.4
FortiGate v5.6

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This article provides a solution to DNS resolution not working when DNS Server is configured to "Same as Interface IP".



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DNS resolution can be seen to fail.

```
C:\WINDOWS\system32>nslookup
DNS request timed out.
    timeout was 2 seconds.
Default Server:  UnKnown
Address:  10.66.66.254

> msn.com
Server:  UnKnown
Address:  10.66.66.254

DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
*** Request to UnKnown timed-out
>
```

Solution

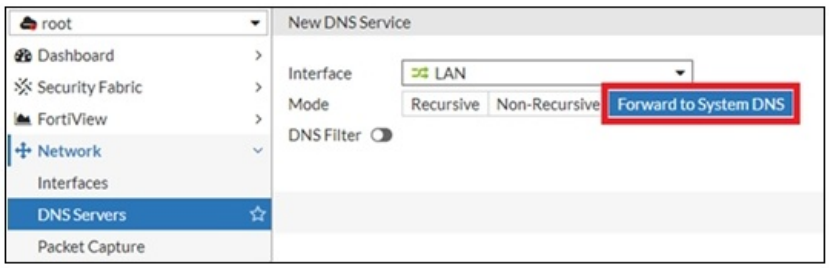
Enable the DNS Database Feature.



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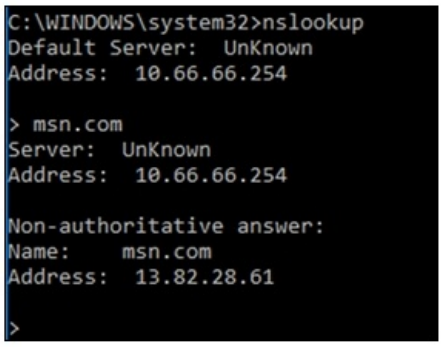
Configure a DNS Server for the interface that DNS requests will be sent to.

Set the mode to "Forward to System DNS".



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DNS resolution can now be seen to be successful.



Posted by: Les Carr - Wed, Aug 9, 2017 at 5:32 PM. This article has been viewed 13757 times.

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