Cleaning Up DNS

Hello KIS Client,

Domain Name System (DNS) is an essential part of your everyday life. Without DNS, your phone and computer wouldn't be able to surf the web, pick up email, or access cloud services.

Despite this, many folks ignore their company's DNS because "things are working OK."

There are several basic best practices. One example is maintaining separate copies of your DNS for internal users and external users.

Your external DNS should contain only the essential information required for people and systems outside of your firewall to access critical data such as email or web services.

On the other hand, internal DNS should maintain as complete a list as possible of network resources. These should be in both Forward DNS and Reverse DNS formats.

Systems such as Exchange, Office 365, VMware, and Hyper-V require four DNS resolution types to be working: Forward, Reverse, Short, and Long.

"Forward" DNS gives you an IP address if you give it a system name).

"Reverse" DNS gives you a system name if you give it an IP address and is essential for being able to trace/track network activity.

"Short" DNS means you can put in a system name without a domain, and your network will apply the correct default domain and return the valid IP address.

"Long" DNS means you can put in a full system name (including the domain), and your network will return the correct IP address.

Our consulting team can review your internal and external DNS to help you determine whether or not your current configuration is optimal. We also can assist in filling out your reverse DNS so that you can track the network activity of all devices.

Thank you,
Allan

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