Securing the Network

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SECURING THE NETWORK

You may think that talking about the network is a strange way to start off an Structured Query Language (SQL) Server book, but the network, specifically the perimeter of your network, is the way that external threats will be coming to attack your SQL Server. A poorly defended network will therefore give an attacker an easier time to attack your network than if the network were properly secured. In larger companies the network design and lockdown would be under the control of the network administration and network security departments. However, in smaller companies, you may not have either a network security department or a network administration department. You may not even have a full time database administrator (DBA) or systems administrator . In a typical larger company, developers do not have to worry about the network design and setup as this is handled by the network operations team. However, in smaller companies the software developer may be asked to design or even configure the network along with the Web servers or application servers.

No matter your position within the company, it is always a good idea to have a working understanding of the other technologies in play within IT. This will allow for decisions to be made in a more thorough manner by looking at the entire infrastructure instead of examining how the process needs to be completed with just one piece of technology or another.