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Organizational units form the basis for a lot of our work as administrators because they are the most easily mutable form of object collection available. As you know, OUs can comprise accounts, groups, computers, printers, or various other objects and can be very robust in their composition. They?re generally implemented for one of two reasons: delegation or Group Policy. More often than not, administrators use OUs for delegation Network Plus Certification because of how easy they are to assemble. In fact, they go further than just being easy to use, because OUs can contain other OUs in what is called OU nesting. And as OUs nest, they can create more and more complex infrastructures. Accordingly, on the 70-647 certification exam, a good deal of time is spent understanding OU design and understanding how to create the OU hierarchy.

If you've read Chapter 1, ?Designing a Complex Windows Server 2008 Infrastructure,? you're probably already familiar with the concept of breaking down organizations into more logical structures. Similarly, in this section, you'll explore how to break OUs down into more logical structures.

The reason I haven?t covered this in detail up until this point is that in most small organizations, there really isn?t as much of a need for this. Consider a business with, say, 50 employees. With 50 employees, there is almost no way that there could be Network Exam Questions more than 50 organizational units. There may be the rare case where someone could think up an OU structure that would make even the most seasoned administrator set down his glasses and say, ?Well, that?s a doozy.? But more often than not, a small office will most likely look something like Figure 5.1.

The design is not very complex. But imagine you decided to apply this design to an orga- nization with, say, 10,000 employees. Take a look at what happens in Figure 5.2, which shows the breakdown of just one OU, Sales.

Can you imagine applying a Group Policy to the sales group? The chance that all sales- people would need the same sorts of settings is in?nitesimal at best, and moreover, in an enterprise that scales, you would essentially not have any delegation opportunities because there simply aren?t enough OUs to delegate.

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