* FSMO stands for Flexible Single Master Operation
* Active Directory has five FSMO roles
* Two FSMO roles are enterprise-level (one per forest) and three are domain-level (one per domain)
* The enterprise-level roles are called the Schema Master and the Domain Naming Master
* The domain-level FSMO roles are called the Primary Domain Controller Emulator, the Relative Identifier Master, and the Infrastructure Master
* RID Master is responsible for allocating active and standby RID pools to domain controllers
* RID pools are used to generate a new objects SID
* Infrastructure Master is responsible for managing phantom objects
* PDCE is responsible for backward compatibility, time synchronization, password update processing, group policy updates, and distributed file system
* Domain Naming Master is responsible for adding new domains and application partitions to the forest
* The Schema Master role owner is the only DC in a forest that contains a writable schema partition