



Windows Server Fundamentals

Lesson 6 Monitoring Server Performance

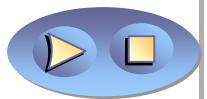
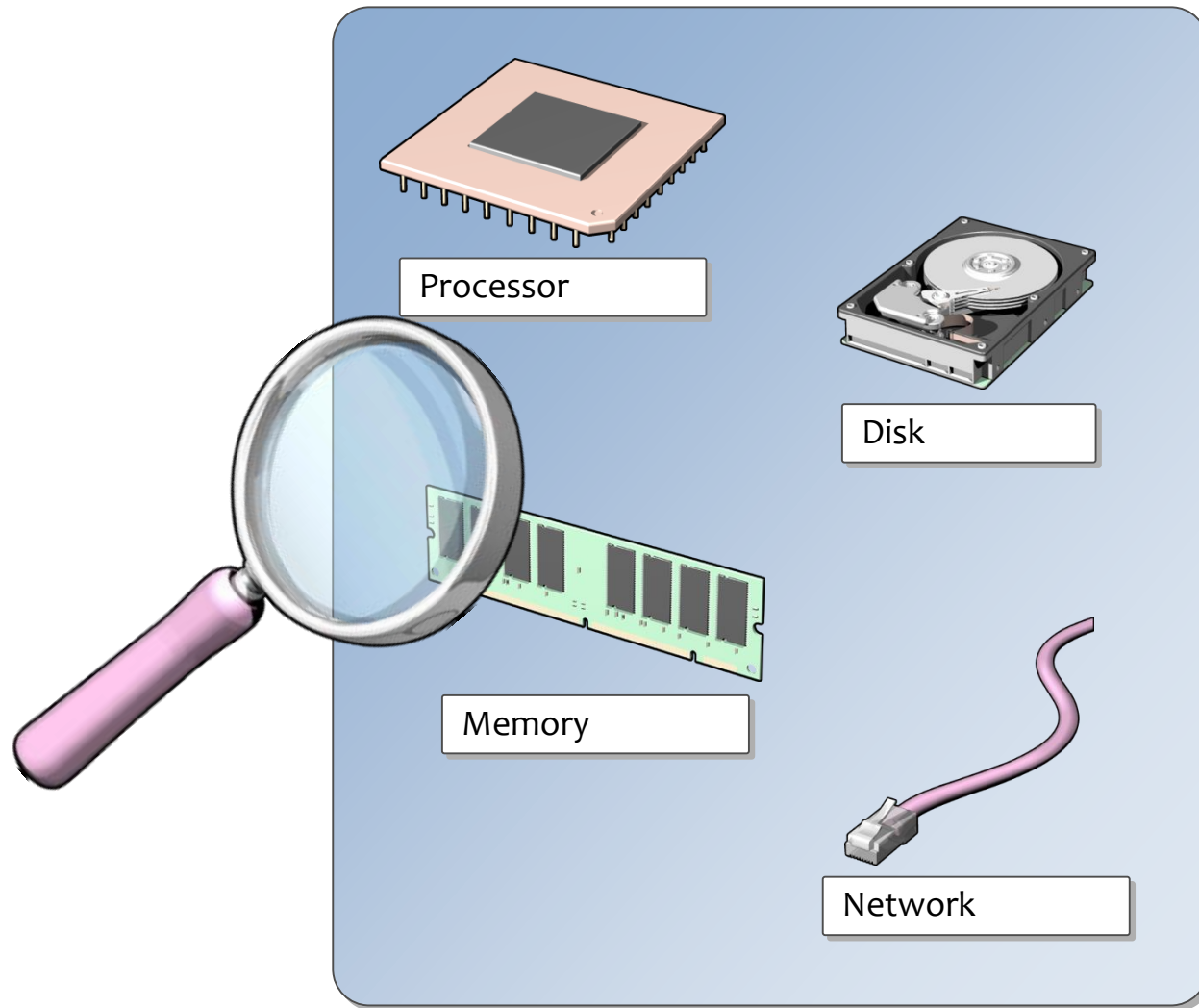
Module Overview

Server Components

Performance Bottlenecks

The Process of Performance Monitoring

Server Components



Performance Bottlenecks

A performance bottleneck occurs when a server is unable to service the current requests for a specific resource

Once you have identified a bottleneck; you must decide how to remove it, options include:

- Running fewer applications
- Distributing users across additional servers
- Adding additional resource to the server

The Process of Performance Monitoring



- Real time:
 - Performance monitoring
 - Service-level agreements



- Historical:
 - Event logs
 - Retained performance logs



- Tools:
 - Event Viewer
 - Windows System Resource Manager
 - Network Monitor
 - Performance Monitor
 - System Center Operations Manager

Lab Scenario

You have successfully deployed some new servers at the Contoso branch offices. Before the system goes live, you decide to establish a performance baseline so that you can compare future workloads to the expected workload