

Discovering and Organizing Resources

Lesson 1: Configuring Boundaries and Boundary Groups

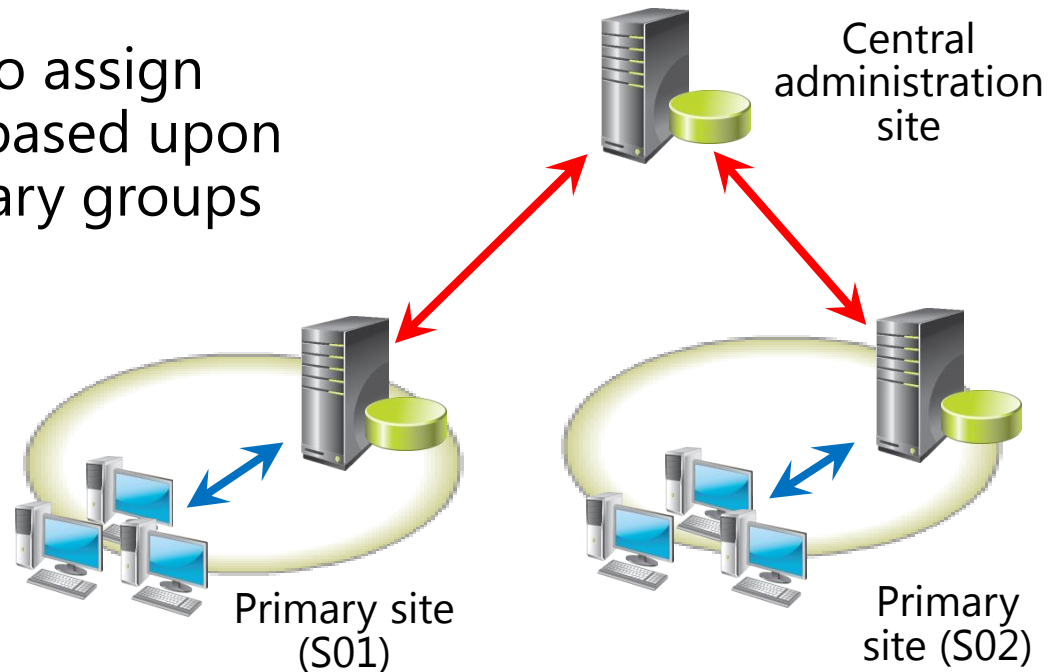
- Overview of Client Assignment
- What Is a Boundary?
- What Is Active Directory Forest Discovery?
- Demonstration: Configuring a Boundary and a Boundary Group

Overview of Client Assignment

Client assignment is a process that determines the Configuration Manager site that manages a client computer

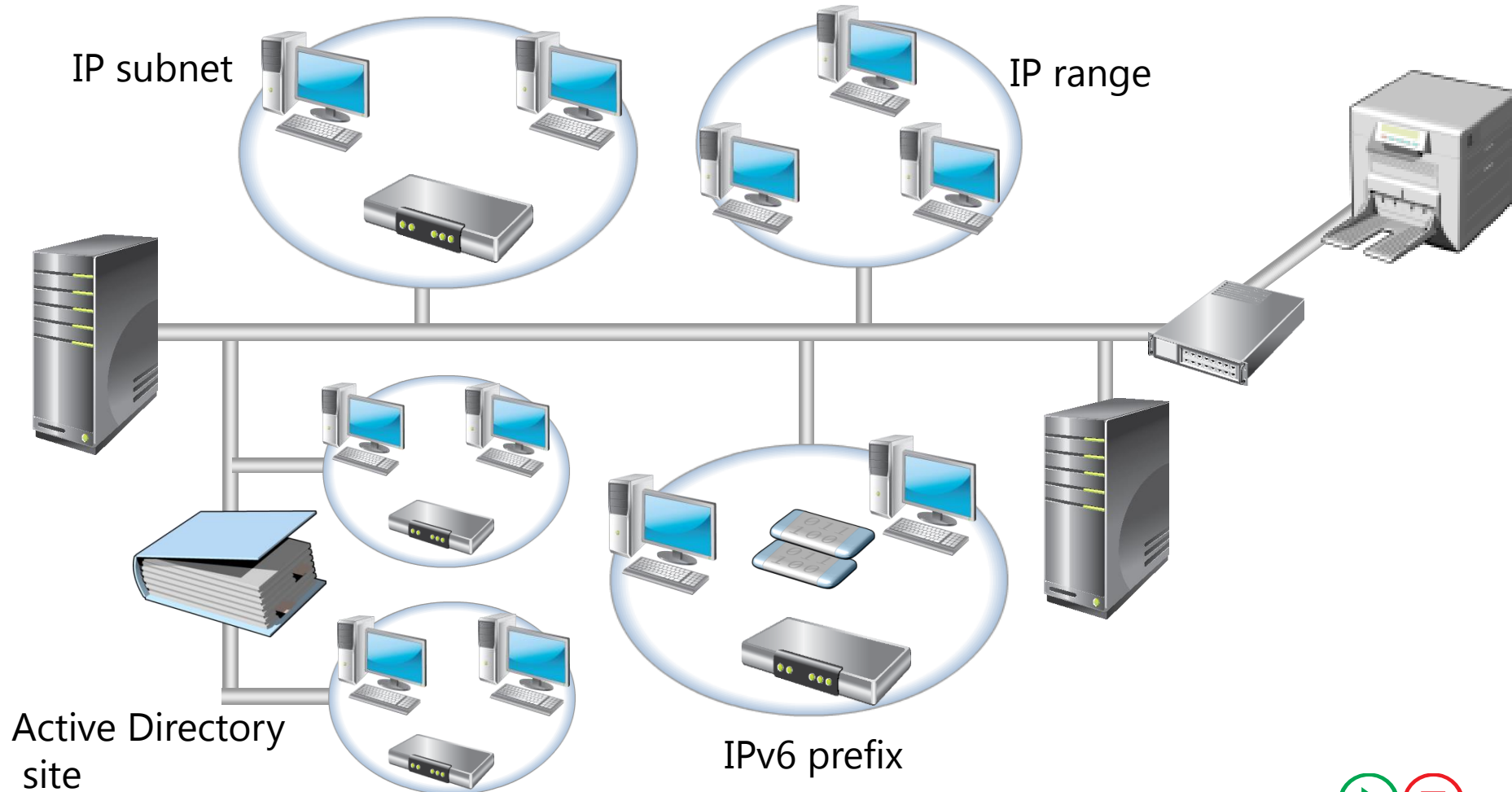
Assign clients to a Configuration Manager site by:

- Specifying manually the site code to use
- Configuring the client to assign automatically to a site based upon boundaries and boundary groups

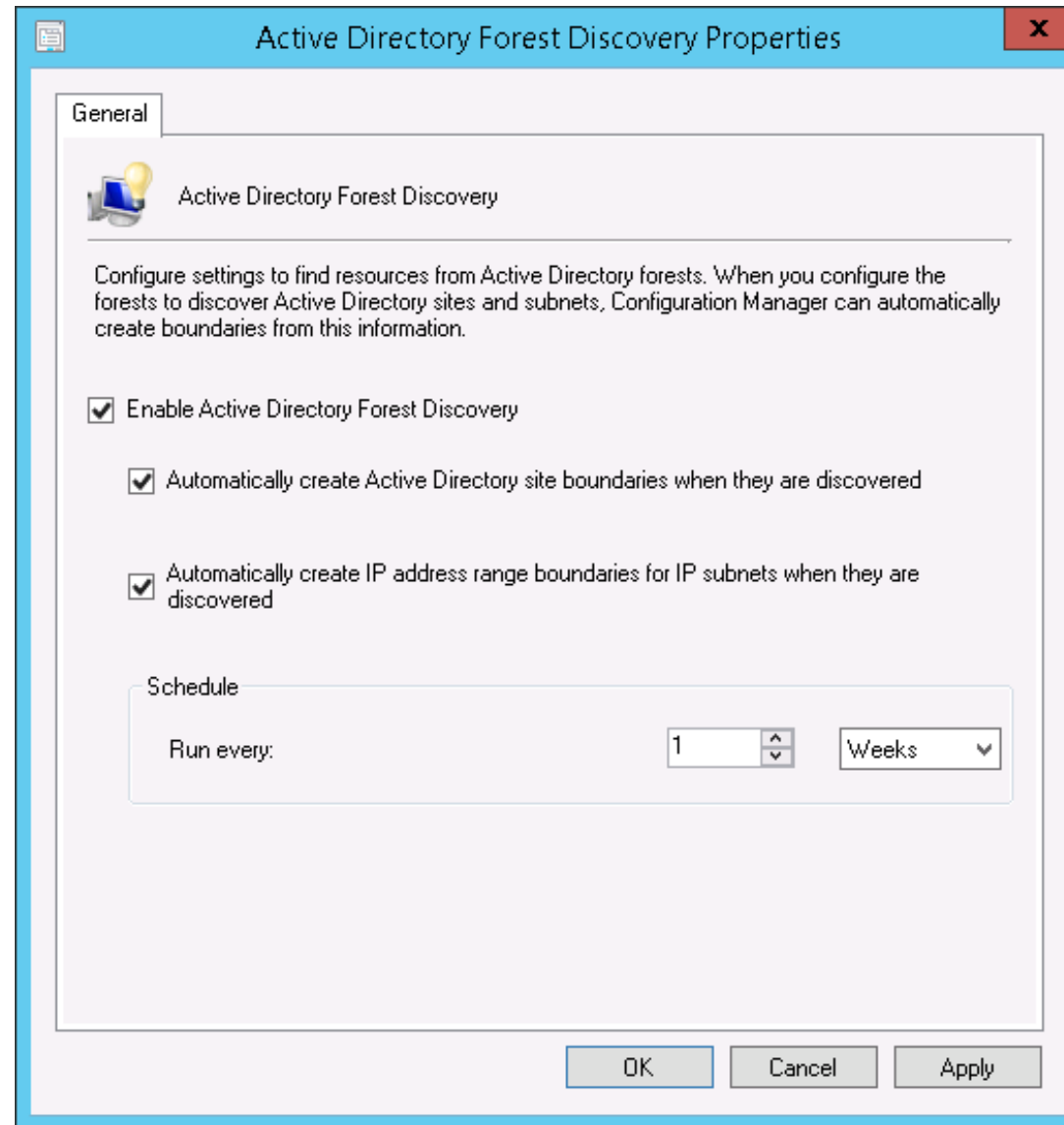


What Is a Boundary?

A network location that contains one or more devices that you want to manage or resources that you want to provide to clients



What Is Active Directory Forest Discovery?

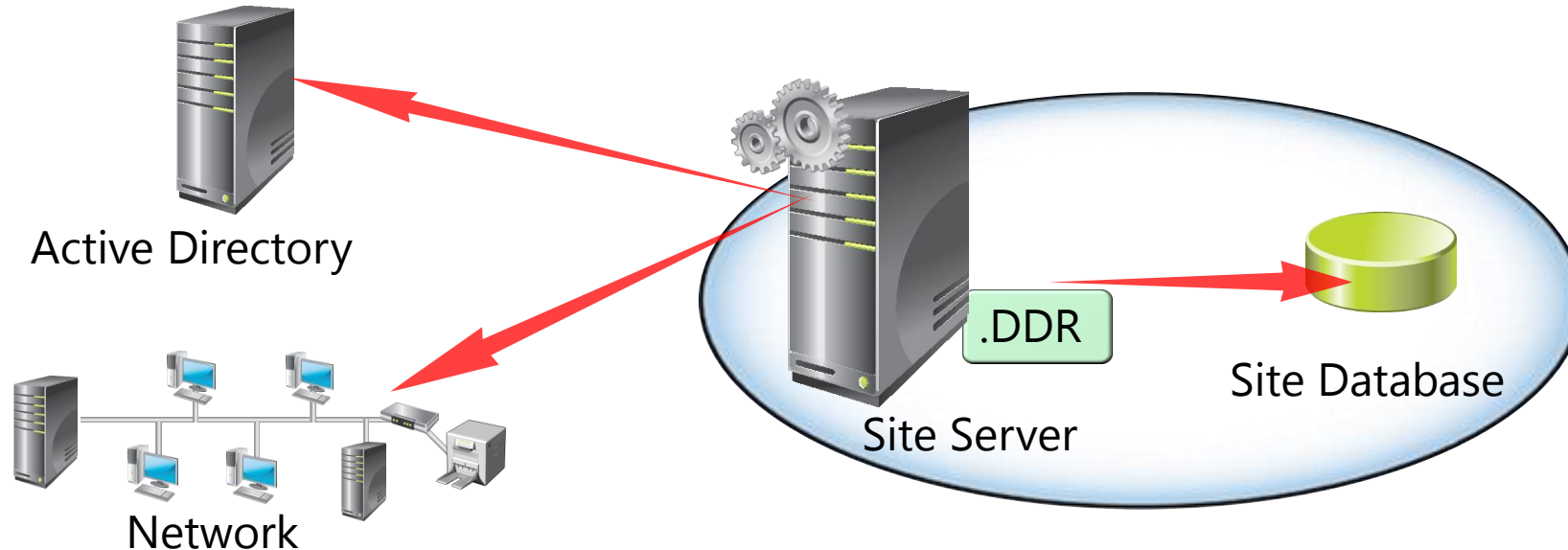


Lesson 2: Configuring Resource Discovery

- What Is Resource Discovery?
- Overview of Discovery Methods
- Active Directory Discovery Methods
- Demonstration: Configuring Active Directory Discovery Methods
- What Is Network Discovery?
- What Is Heartbeat Discovery?
- Monitoring Discovery by Using Component Status and Log Files

What Is Resource Discovery?

Resource discovery is the process of detecting and acquiring information about network resources



- 1** Discovery gathers information about network resources (computers, users, security groups, and network infrastructure)
- 2** Discovery generates a DDR file
- 3** Discovery Data Manager loads the information from the DDR file into the database

Overview of Discovery Methods

Discovery methods include:

- Active Directory System Discovery
- Active Directory User Discovery
- Active Directory Group Discovery
- Network Discovery
- Heartbeat Discovery

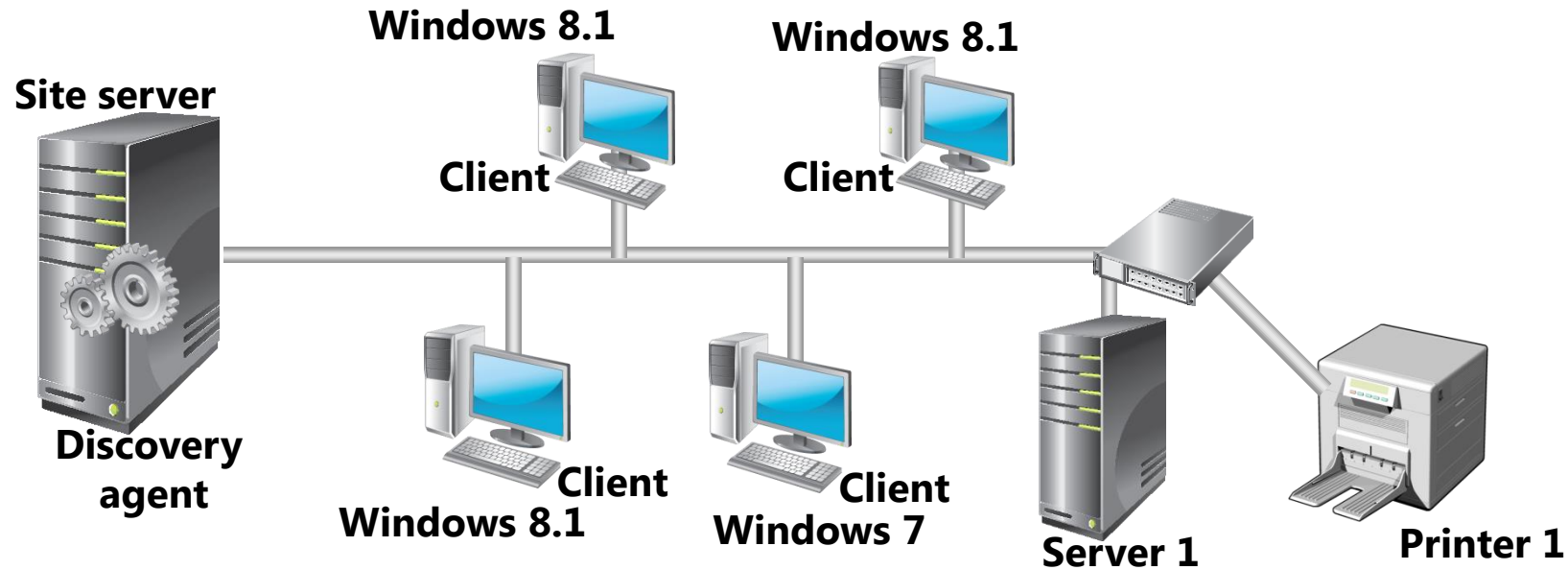
Active Directory Discovery Methods

For all Active Directory discovery methods, except Active Directory Forest Discovery, specify:

- At least one Active Directory container
- Any additional search options
- The polling schedule

What Is Network Discovery?

A discovery method to search the network for resources that meet a specific criteria



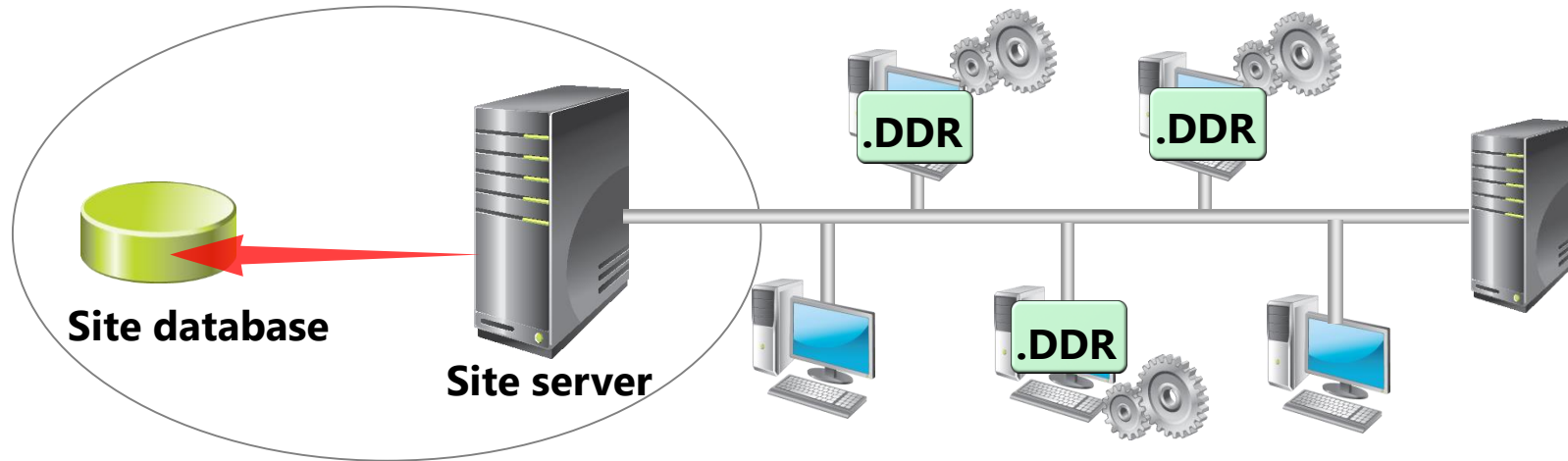
There are three types of Network Discovery:

- Topology
- Topology and client
- Topology, client, and client operating system



What Is Heartbeat Discovery?

A discovery method that refreshes the Configuration Manager client computer discovery data in the site database



- By default, Heartbeat Discovery runs every seven days
- You can configure the schedule, but you should understand the effects of reducing the Heartbeat Discovery interval



Monitoring Discovery by Using Component Status and Log Files

Component name	Log file
SMS_AD_FOREST_DISCOVERY_MANAGER	ADForestDisc.log
SMS_AD_SECURITY_GROUP_DISCOVERY_AGENT	Adsgdis.log
SMS_AD_SYSTEM_DISCOVERY_AGENT	adsysdis.log
SMS_AD_USER_DISCOVERY_AGENT	adusrdis.log
SMS_DISCOVERY_DATA_MANAGER	ddm.log
SMS_NETWORK_DISCOVERY	netdisc.log
SMS_WINNT_SERVER_DISCOVERY_AGENT	ntsvrdis.log