

Estimated time 0:10

WebSphere Virtual Enterprise: Controlling remote agent processes

What this exercise is about	1
Lab requirements	1
What you should be able to do	2
Introduction	3
Exercise instructions	4
Part 1: Starting a middleware node from the administrative console	5
Part 2: Stopping a middleware node from the administrative console.....	7
What you did in this exercise	8

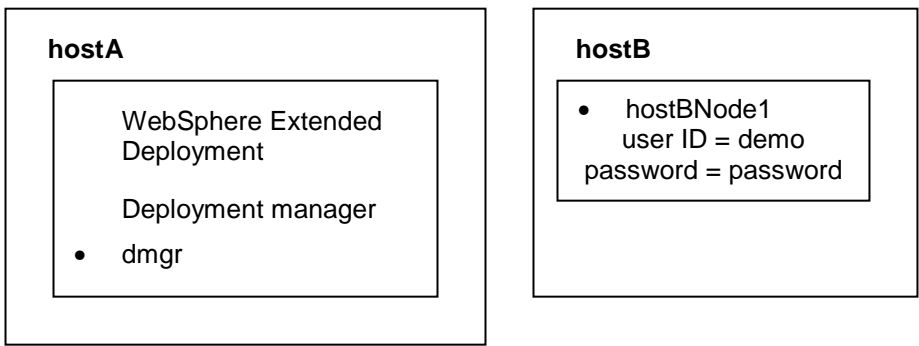
Remote agent

What this exercise is about

The objective of this lab is to show you the new feature in WebSphere Extended Deployment V6.1 that allows you to start and stop middleware nodes from the administrative console.

Lab requirements

This lab assumes that you have an active deployment manager and cell configured that contains at least one federated node agent or Extended Deployment V6.1 agent, and that you know the Remote node user ID and Remote node user password. The node agents must be V6.1 node agents augmented for Extended Deployment V6.1.



What you should be able to do

At the end of this lab you should be able to:

- Start a remote node agent or Extended Deployment agent from the WebSphere Extended Deployment V6.1 administrative console.
- Stop a remote node agent or Extended Deployment agent from the WebSphere Extended Deployment V6.1 administrative console.

Introduction

All node agents and Extended Deployment agents appear within the administrative console as middleware nodes. In WebSphere Extended Deployment V6.1, you have the ability to start and stop middleware nodes from the administrative console. This feature eliminates the requirement for you to directly access the agent machines to start or stop the agents. However, you must know the Remote node user ID and Remote node user password so that the WebSphere Extended Deployment administrative console has the necessarily security credentials to perform this task.

Exercise instructions

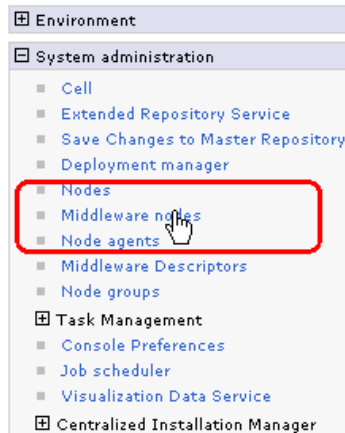
This exercise assumes you have created a deployment manager and have at least one node agent or Extended Deployment agent, and that you know the remote node user ID and remote node password.

If your environment is different from that described above, you may adjust the instructions to match your installation (for example, node names, user IDs, passwords).

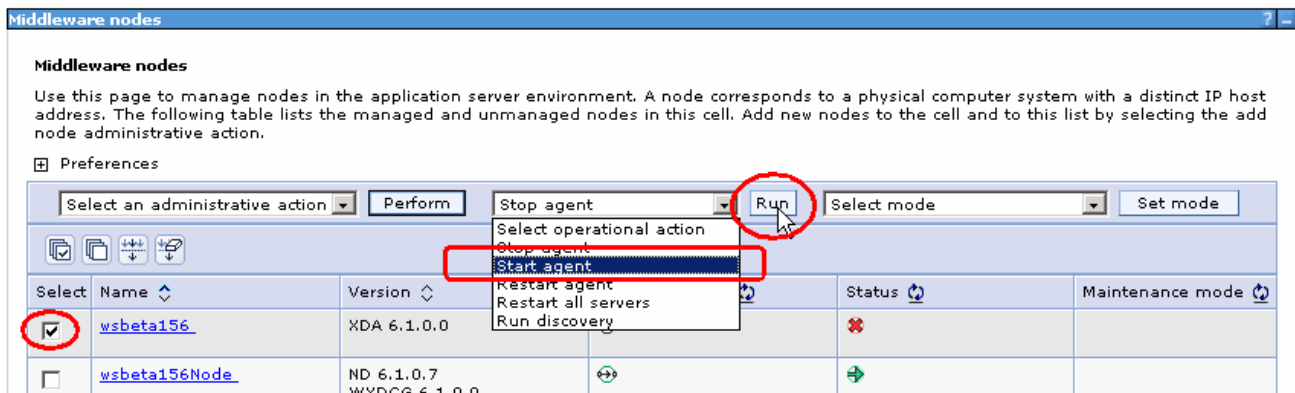
Part 1: Starting a middleware node from the administrative console

The “Lab requirements” section of this lab shows a multi-machine environment that is required to complete the exercise. This section will walk you through creating such an environment, provided that you have already completed the installation lab exercise.

1. In the administrative console, expand **System administration**, and then click on **Middleware nodes**.



2. Select the middleware node you want to start. Then in the “Select operational action” pulldown, select **Start agent**, then click **Run**.



3. Type in the values for **Remote node user ID** and **Remote node user password**. Then click **OK**.

IBM WebSphere Extended Deployment V6.1
Lab exercise: Controlling remote agent processes

Middleware nodes

Middleware nodes > Authentication

The start agent process utilizes remote node authentication to ensure security. The user credentials should have admin or execute privileges.



Please enter the user credentials to execute the start agent command on the selected node. This information will be prepopulated with the credentials (if specified) for the node on the Centralized Install Manager->Install Target panel.

- wsbeta156

Remote node user ID
userID

Remote node user password
••••••

OK Cancel



4. The list will display and the Status field should indicate “Started” . If it displays as still “Stopped”, click the Refresh icon .

Middleware nodes

Use this page to manage nodes in the application server environment. A node corresponds to a physical computer system address. The following table lists the managed and unmanaged nodes in this cell. Add new nodes to the cell and to this list node administrative action.

Preferences

Select an administrative action Perform Start agent Run Select mode

Select	Name	Version	Synchronization	Status
<input type="checkbox"/>	wsbeta156	XDA 6.1.0.0		

Part 2: Stopping a middleware node from the administrative console

1. In the administrative console, expand **System administration**, and then click on **Middleware nodes**.
2. Select the middleware node you want to stop. Then in the “Select operational action” pulldown, select **Stop agent**, then click **Run**.

Middleware nodes

Use this page to manage nodes in the application server environment. A node corresponds to a physical computer system with a distinct IP host address. The following table lists the managed and unmanaged nodes in this cell. Add new nodes to the cell and to this list by selecting the add node administrative action.

Preferences

Select an administrative action Select operational action Select mode

Select	Name	Version	Synchronization	Status	Maintenance mode
<input checked="" type="checkbox"/>	wsbeta156	XDA 6.1.0.0			
<input type="checkbox"/>	wsbeta156Node	ND 6.1.0.7 WXDCG 6.1.0.0 WXDDG 6.1.0.0			

3. The list will display and the Status field should indicate “Stopped” . If it displays as still “Started”, click the Refresh icon .

Select	Name	Version	Synchronization	Status	Maintenance mode
<input type="checkbox"/>	wsbeta156	XDA 6.1.0.0			

What you did in this exercise

In this exercise, you started and stopped a node agent or Extended Deployment agent from the WebSphere Extended Deployment V6.1 administrative console.