

Planning Administrative Delegation and Self-Service in System Center 2012

Scenario

The Toronto-based development team at A. Datum would like to have more control over the virtual environment where their servers are deployed. They also want to collect advanced monitoring information and customize the monitoring configuration. They want to be able to create and manage workflow events related to their virtual environments. They also want to be able to delegate the responsibility for creating new virtual machines to users within their organization.

Virtualization Administration Strategy	
Document Reference Number: BS0907/1	
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• Requirements Overview:	
<ul style="list-style-type: none">• Plan a virtualization administration strategy to support the following objectives:• Provide the development group's administrative team with administrative control over their host groups and associated resources.• Allow the development team to create self-service accounts for developers and contractors to deploy machines rapidly.• Provide the development team with server monitoring to include the option to configure specific advanced settings.	
• Additional Information:	
<ul style="list-style-type: none">• The development team advises that the department is very dynamic and that they deploy virtual machines daily for internal systems development.	
Currently, they have external staff on a short-term basis testing two large systems. The developers that maintain the virtual host servers normally are pressed for time due to their various administrative tasks. Their policy is to monitor and back up all virtual machines, including test systems.	
Proposals:	
<ol style="list-style-type: none">1. Which administrative role would best meet the primary control objectives of the administrative teams in the development group?2. Most developers will require the ability to create self-service accounts. Which administrative roles will be best for them? What can you do to help reduce the administrative burden on the development administrators?3.	

The main tasks for this exercise are as follows:

1. Read the supporting documentation
2. Update the proposal document with your planned course of action
3. Examine the suggested proposals in the Lab Answer Key
4. Discuss your proposed solution with the class, as guided by your instructor

Task 1: Read the supporting documentation

Read the documentation and scenario provided.

Task 2: Update the proposal document with your planned course of action

Answer the questions in the proposals section of the Virtualization Administration Strategy document.

Task 3: Examine the suggested proposals in the Lab Answer Key

Compare your proposals with those in the Lab Answer Key.

Task 4: Discuss your proposed solution with the class, as guided by your instructor

Lab Answer

Task 1: Read the supporting documentation

- Read the documentation that the student workbook provides.

Task 2: Update the proposal document with your planned course of action

- Answer the questions in the proposals section of the Virtualization Administration Strategy document.

Which administrative role would best meet the primary control objectives of the development administrative team?

1. **Answer:** The delegated fabric administrator would allow the development administrators to manage a scoped group of resources. This should consist of private clouds and host groups. They can add various resources, as necessary. (look at VMM user roles)
Most developers will require the ability to create self-service accounts. Which administrative role will be best for them?
2. **Answer:** The developers will require fewer permissions than the development administrators, so the Tenant or self-service roles will be suitable.

What can you do to help reduce the administrative burden on the development administrators?

3. **Answer:** Ensure that you configure self-service for those users who demand new systems most frequently. Additionally, implement Orchestrator and possibly even System Center 2012 Service Manager.