

How to make an override for the monitor “logical disk free space” for the SWAP disks

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1 Procedure

How to make an override for the monitor “logical disk free space” for the SWAP disks. Out of the box the swap disks aren’t discovered. Opsmgr knows the amount of cylinders, sectors, scsi id etc but doesn’t know if there is a pagefile.sys on the disk.

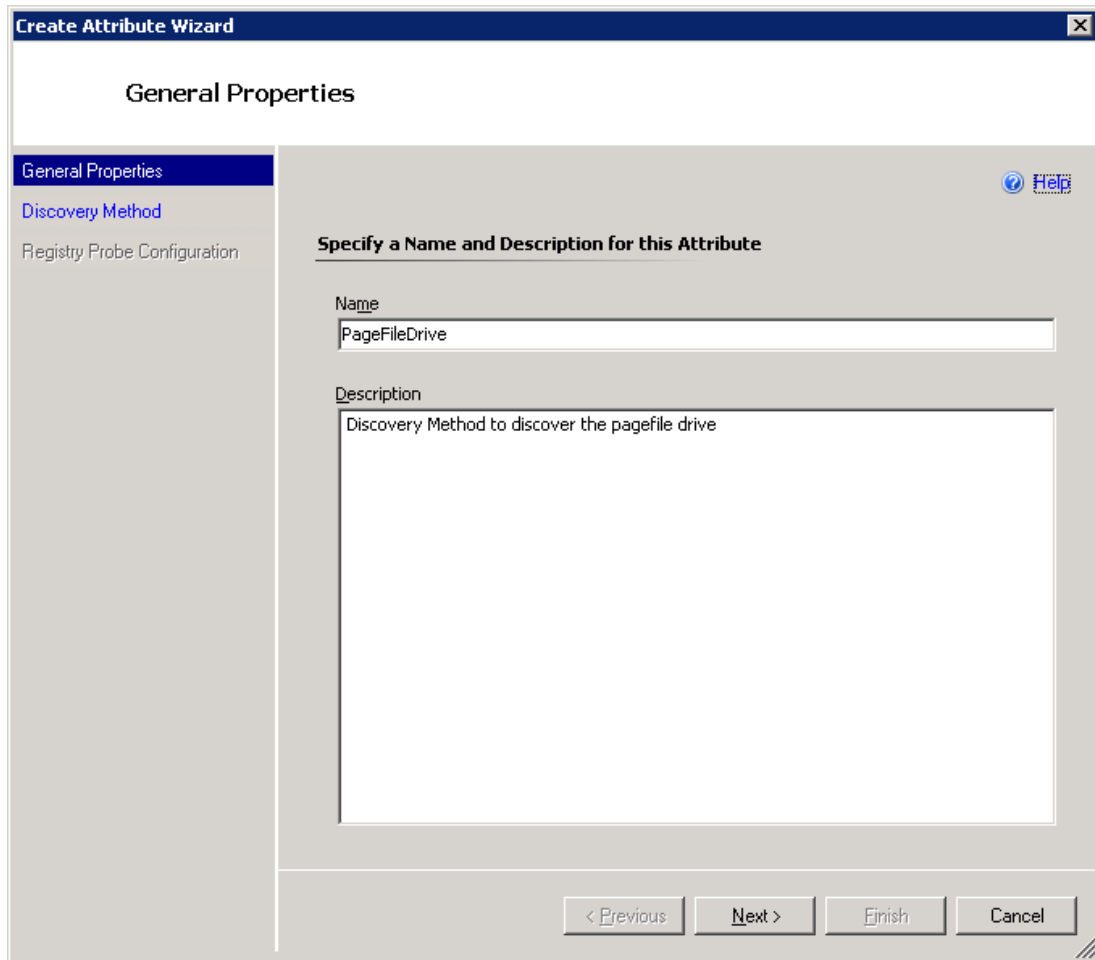
On all our servers we have a separate disk where we put our pagefile.sys on. The size of this disk never changes so don’t want to receive the alert about “not enough disk space”.

So, to make an override we have to follow these steps:

- First, we have to discover the swap disk
- Next we have to make group that contains all the discovered swap disks
- And at last we have to make an override to disable the monitor “logical disk free space” for our “swap disk” group.

1.1 DISCOVER SWAP DISKS

Right Click in authoring on attributes and select “create a new attribute”.



Select WMY Query as the discovery method. For the target it's crucial to select the right target.
Select windows server 2003 logical disk.
Create a new management pack.

Create Attribute Wizard [X]

Choose a Discovery method

General Properties
Discovery Method
WMI Configuration

[Help](#)

Choose a discovery type

Discovery Type :

Choose a target and destination Management Pack

Target :

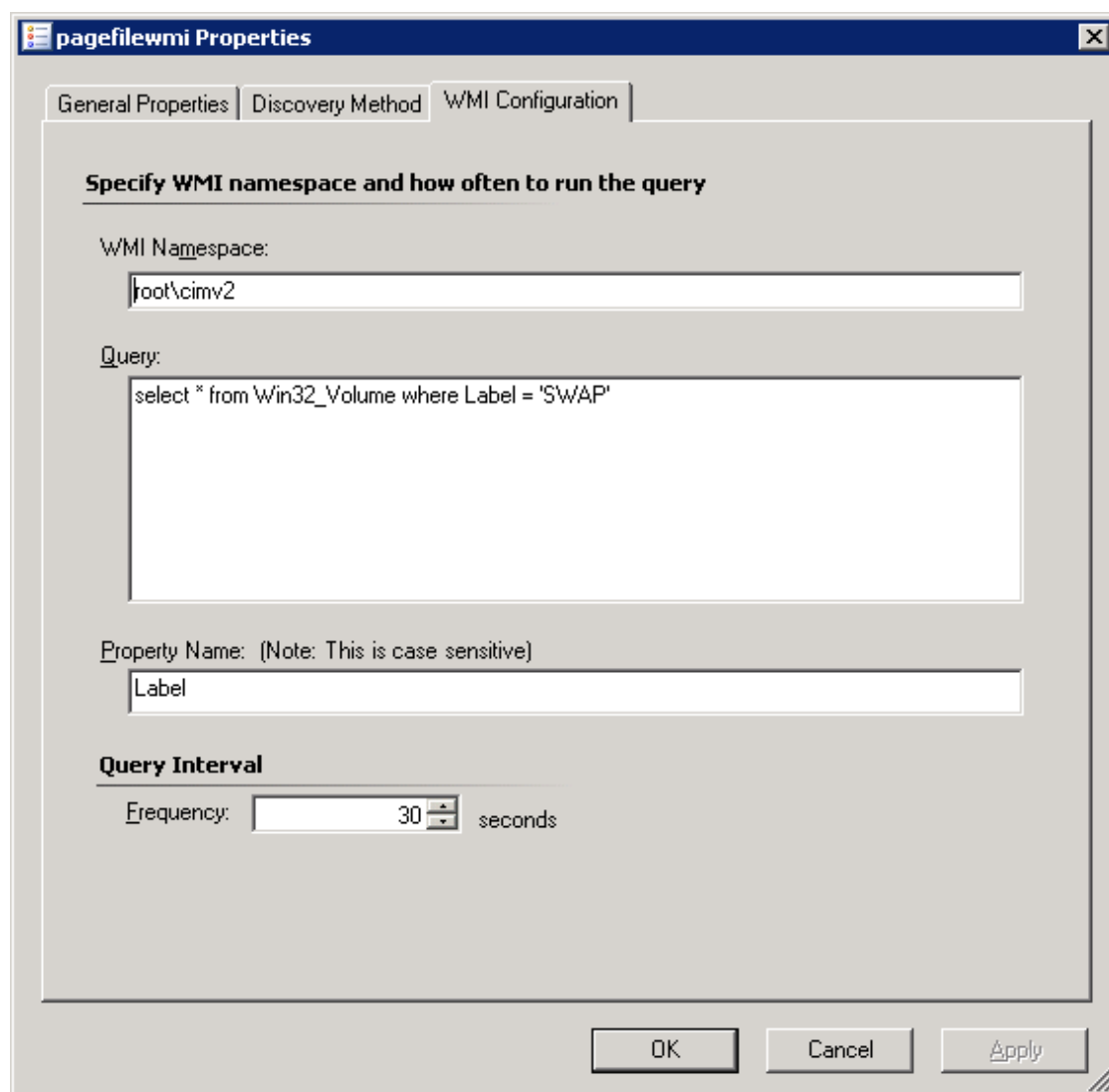
Management Pack :

1.2 WMI QUERY

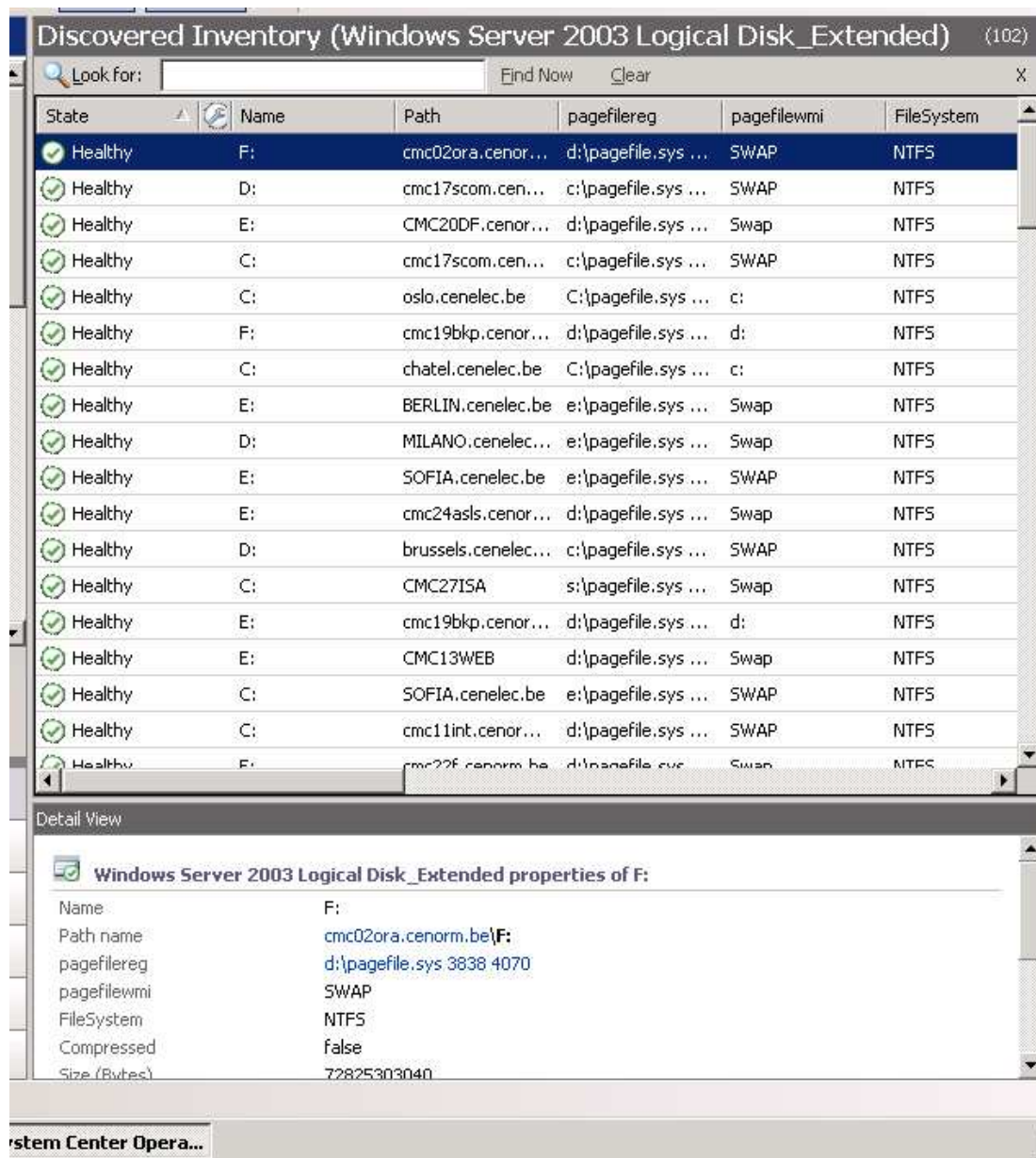
Now we have to write the wmi query.

In my case I couldn't select the query "select * from Win32_PageFile." Because I have also a pagefile on my C drive and still want to know the free space on my C drive. All my swap disks have a label swap. So I will search for all disks with the label SWAP.

So I use the following query select * from win32_volume where label = 'SWAP'

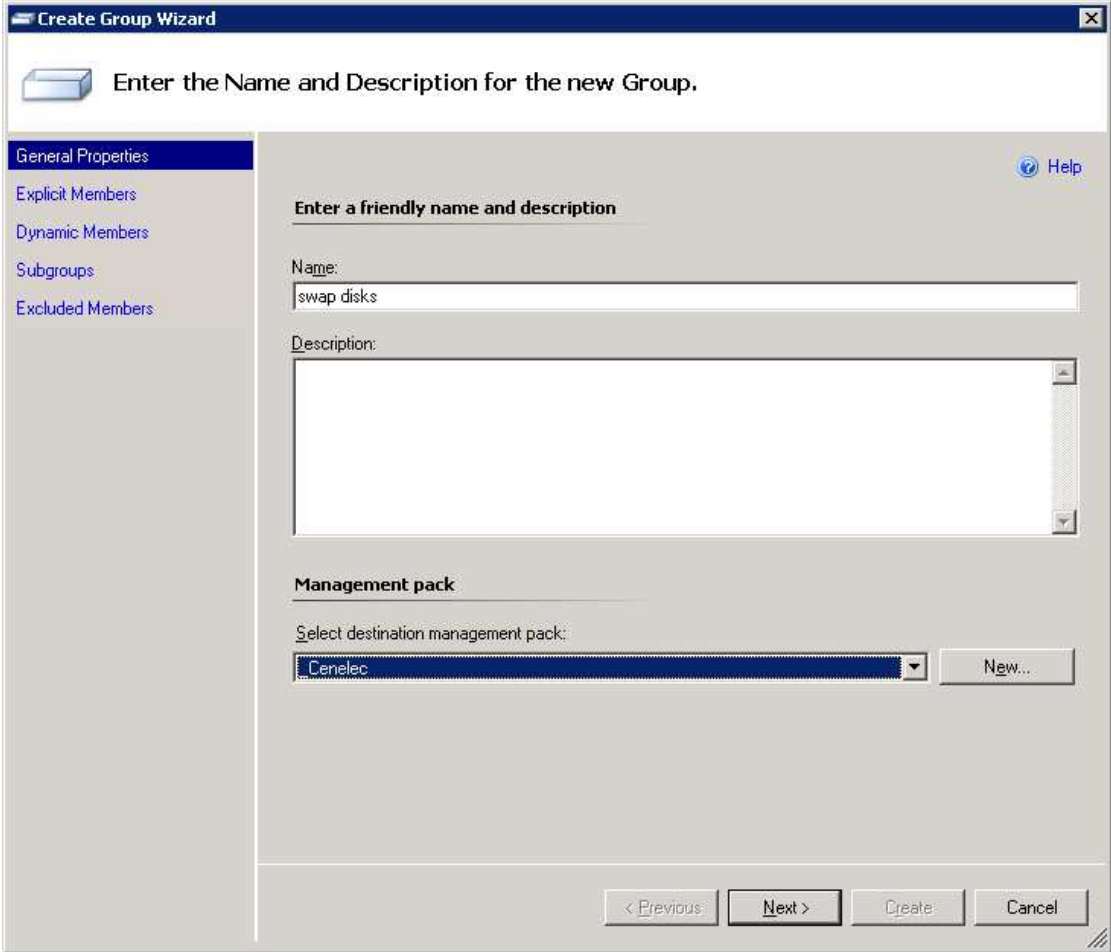


When you look in discovered inventory you will see all your disks with the label.

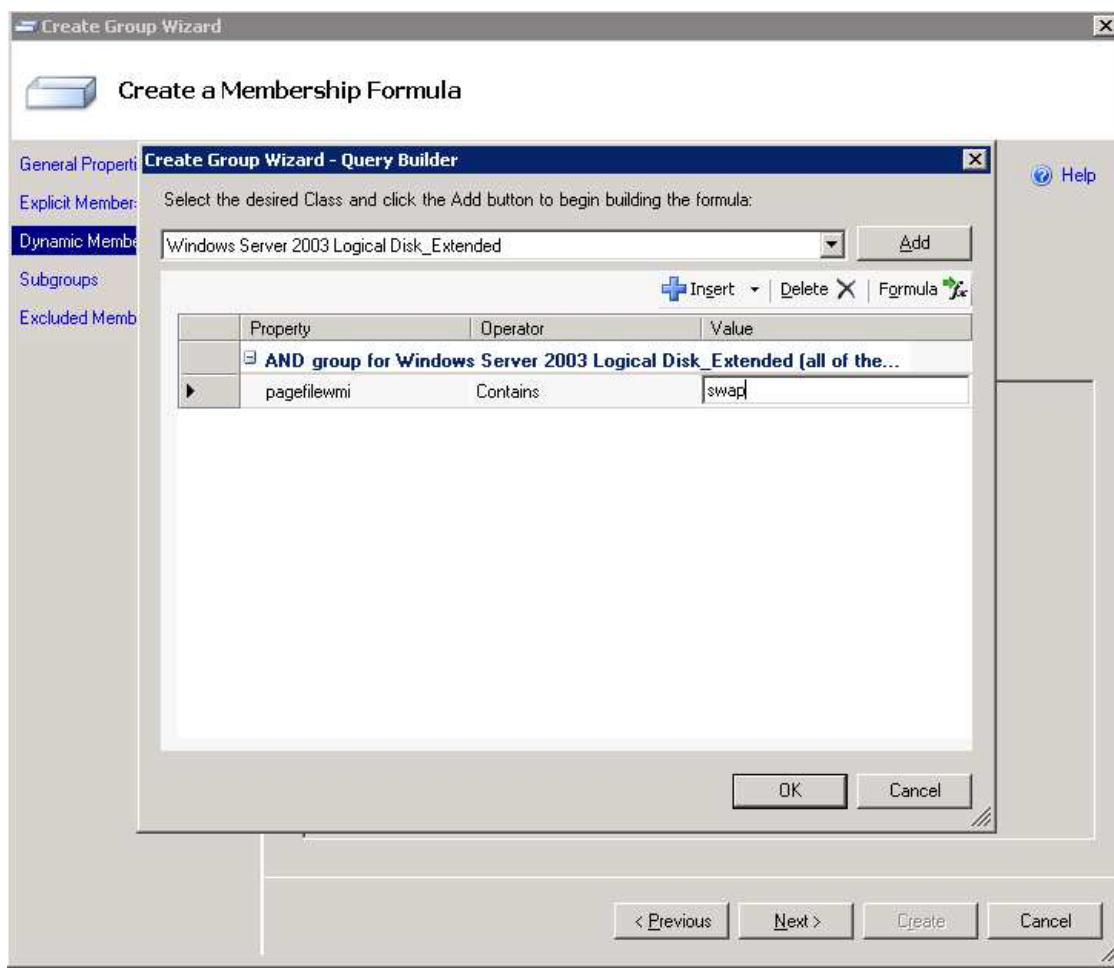


1.3 DYNAMIC GROUP

Next you create a dynamic group called swap disks



Select your target and your discovered object. Make a group with all disks that contain the label swap



1.4 CREATE AN OVERRIDE

Create an override to disable the rule “logical disk free space” for the SWAP group

The screenshot shows the 'Logical Disk Free Space Properties' dialog box with the 'Overrides' tab selected. The 'Override Properties' dialog box is open, showing the configuration for the 'Logical Disk Free Space' monitor.

Override Properties

Monitor name: Logical Disk Free Space
 Category: Availability Health
 Overrides target: Group: Swap Disk

Override-controlled parameters:

	Override	Parameter Name	Parameter Type	Override Setting	Effective Value	Change Status	Enforced
	<input checked="" type="checkbox"/>	Enabled	Boolean	False	False	[No change]	<input type="checkbox"/>
	<input type="checkbox"/>	Generates Alert	Boolean	True	True	[No change]	<input type="checkbox"/>
	<input type="checkbox"/>	Auto-Resolve Alert	Boolean	True	True	[No change]	<input type="checkbox"/>
	<input type="checkbox"/>	Alert Priority	Enumeration	Medium	Medium	[No change]	<input type="checkbox"/>
	<input type="checkbox"/>	Alert On State	Enumeration	The monitor is i...	The monitor is...	[No change]	<input type="checkbox"/>
	<input type="checkbox"/>	Alert severity	Enumeration	Match monitor!...	Match monitor!...	[No change]	<input type="checkbox"/>
	<input type="checkbox"/>	Interval (seconds)	Integer	3600	3600	[No change]	<input type="checkbox"/>
	<input type="checkbox"/>	Warning MBytes Th...	Double	200	200	[No change]	<input type="checkbox"/>
	<input type="checkbox"/>	Error % Threshold f...	Double	5	5	[No change]	<input type="checkbox"/>

Details:

Enabled

Description: The custom override for this parameter is defined in '_Cenelec'.

The effective value is set:

- as a preferred value
- on the current target
- by the custom override in '_Cenelec'

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That's it!

Kind regards,
Alkin