



IBM Software Group

# IBM Tivoli® Training

## IBM Tivoli Monitoring 6.1

*Building Situations with Tivoli Enterprise Portal*

**Tivoli** software



**ON** DEMAND BUSINESS™

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## Objectives

- Upon completion of this module, you should be able to:
  - ▶ Build a customized situation to monitor a threshold of your own choosing.
  - ▶ Assign the new situation to a managed system.

# Creating Situations—Windows System

**Monitored Logs**

Log Name (Unicode)	Date Time Last Modified	Max Size	Current Size	% Usage	Path (Unicode)
System		16,777,216	1,507,328	9	C:\WINDOWS\System32\config\SysEvent
Security		16,777,216	16,777,216	100	C:\WINDOWS\System32\config\SecEvent
Application		16,777,216	786,432	5	C:\WINDOWS\System32\config\AppEvent

**Services**

Display Name (Unicode)	Current State	Start Type
Application Experience Lookup Service	Running	Automatic
Alerter	Stopped	Disabled
Application Layer Gateway Service	Running	Manual
Application Management	Running	Automatic
Remote Server Manager	Running	Automatic
AutoTrace Runtime	Running	Automatic
Windows Audio	Stopped	Disabled
Background Intelligent Transfer Service	Stopped	Manual
Computer Browser	Running	Automatic
Symantec Event Manager	Running	Automatic
Symantec Password Validation	Stopped	Manual
Symantec Settings Manager	Running	Automatic
Indexing Service	Stopped	Disabled
ClipBook	Stopped	Disabled

# Create New Situation Icon

The screenshot shows a software interface for managing situations. On the left, a tree view lists various system events under 'Situations for - System'. A callout box labeled 'Create icon' points to a plus sign icon in the toolbar. On the right, the 'Situation editor Assistance' dialog box is open, providing instructions and a table of actions.

**Situation editor**  
 Situations notify you when an event occurs on a managed system. Your IBM Tivoli Monitoring product provides a set of predefined situations for your immediate use. You can view these situations and create others in the Situation editor.

Click	To
<b>Situation name</b>	View the situation and its definition in the editor.
<b>Set Situation filter criteria</b>	Identify a broader range of situations to show. Initially, the tree lists only than only if you do not see the situation and you opened the Situation editor from the Navigator pop-up menu.
<b>Create new Situation</b>	Create a new situation.
<b>Create another Situation</b>	Make a copy of the selected situation, with a new name and description.
<b>Delete Situation</b>	Delete the selected situation.

The Situation editor shows the situations associated with the selected Navigator item or, if you opened the editor from the toolbar, the situations for all IBM Tivoli Monitoring products. When you click a name or create a situation, the right frame opens with these tabs:

Click	To
<b>Formula</b>	See, add to, and edit the formula being tested.
<b>Distribution</b>	See and assign the systems on which the situation is running.
	Write comments or instructions to be read in

Buttons: OK, Cancel, Apply, Help

## Assigning a Name

**Create Situation**

Name: My\_Situation

Description:

Monitored Application: Windows\_OS

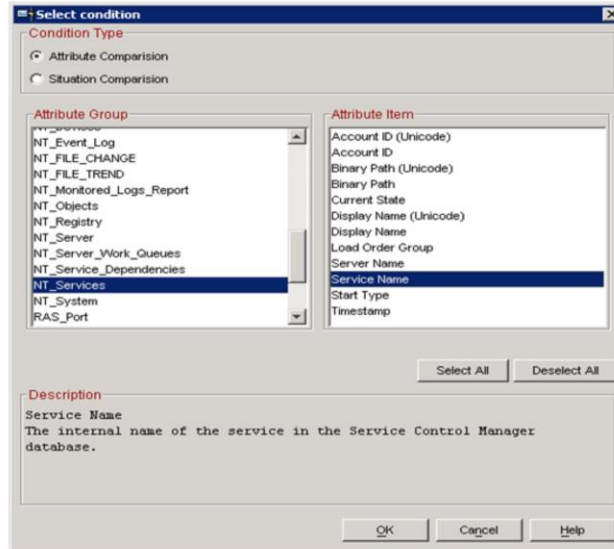
Correlate Situations across Managed Systems

Situation name:

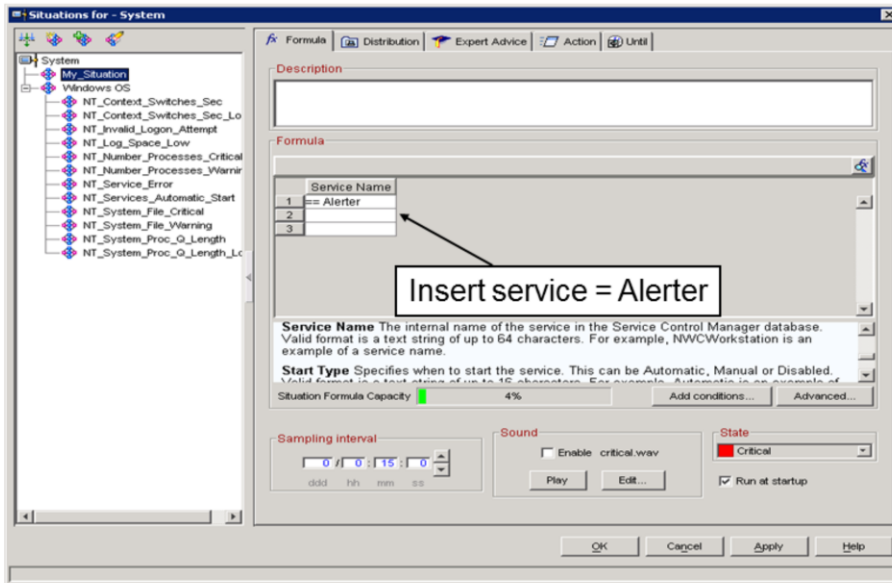
- 1) Must be 31 characters or less,
- 2) Must start with an alphabetic character (a-z, A-Z),
- 3) May contain any alphabetic, numeric (0-9) or underscore (\_) character,
- 4) Must end with an alphabetic or numeric character.

OK Cancel Help

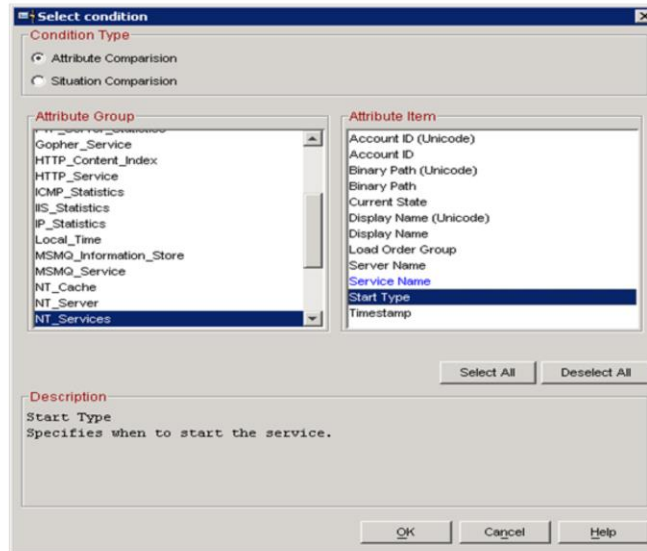
## Assigning Attributes



## Assigning a Service Name

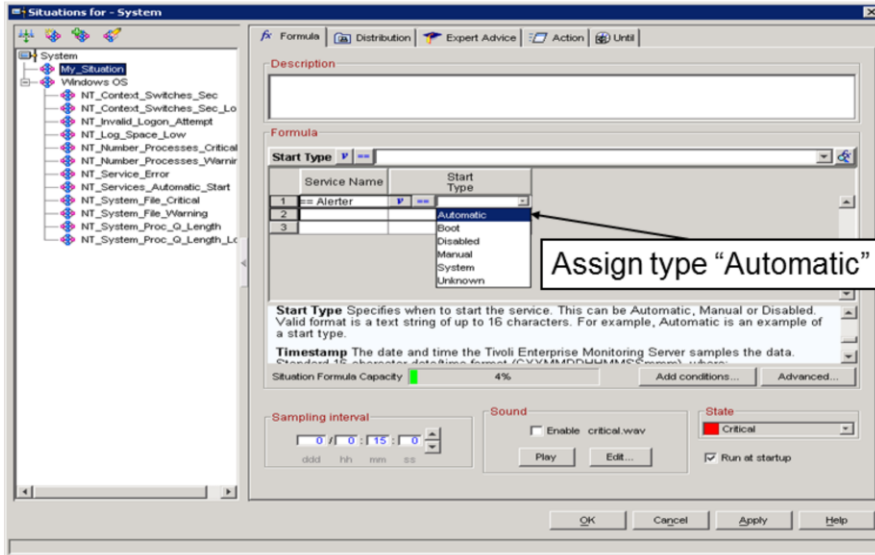


## Selecting a Start Type

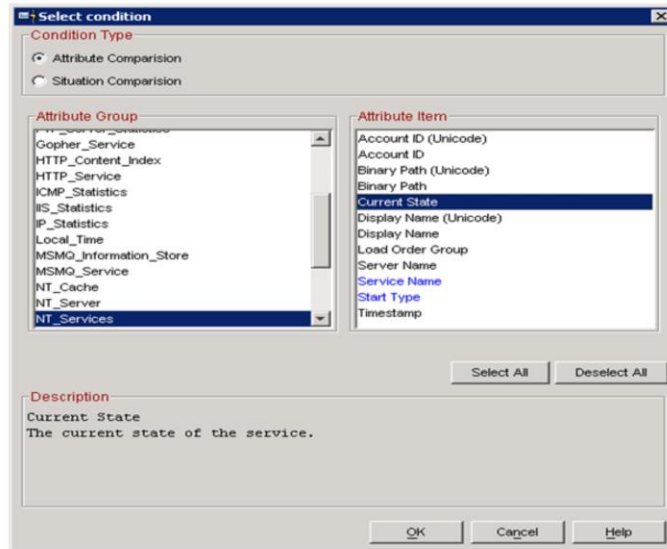




## Assigning a Start Type



## Selecting Current State



## Assigning a Current State

The screenshot shows the 'Situations for - System' dialog box with the 'Formula' tab selected. A table lists services and their current states. A callout box highlights the 'Current State' column for the 'Alerter' service.

Service Name	Start Type	Current State
1 == Alerter	== Automatic	== Stopped
2		
3		

**Assign State = Stopped**

**Current State** The current state of the service. This state can be Stopped, Start Pending, Stop Pending, Running, Continue Pending, Paused Pending, or Paused. Valid format is a text string of up to 20 characters. For example, Running indicates that the service is currently running.

**Display Name** The name of the service as it appears in the Service Control Manager console.

Situation Formula Capacity 14%

Sampling interval: 0 / 0 : 15 : 0

Sound:  Enable critical.wav

State:  Critical

Run at startup

## Assigning a Sampling Interval

The screenshot shows the 'Situations for - System' dialog box. The left pane shows a tree view of system components under 'My Situation'. The right pane shows the configuration for a situation. The 'Sampling Interval' field is set to 0:0:30. A callout box points to this field with the text 'Set Sampling Interval = 30 seconds'.

Service Name	Start Type	Current State
1 == Alerter	== Automatic	== Stopped
2		
3		

**Current State** The current state of the service. This state can be Stopped, Start Pending, Stop Pending, Running, Continue Pending, Paused Pending, or Paused. Valid format is a text string of up to 20 characters. For example, Running indicates that the service is currently running.

**Display Name** The name of the service as it appears in the Service Control Manager console.

Situation Formula Capacity 14% Add conditions... Advanced...

Sampling Interval: 0:0:30

Sound:  Enable critical.wav  Critical

State:  Run at startup

Buttons: OK, Cancel, Apply, Help

## Assigning a Managed System

1. Select the Distribution tab

2. Select an Available Managed System

3. Verify assigned target system

4. Click OK

The screenshot shows the 'Situations for - System' dialog box with the 'Distribution' tab selected. The 'Assigned' list contains 'Primary:KEV2k3.NT'. The 'Available Managed Systems' list contains 'Primary:KATE.NT'. The 'Available Managed System Lists' list contains 'NT\_SYSTEM'. The 'OK' button is highlighted.

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