

Custom Management Pack (MP) Development in SCOM

I would like to do a series of posts on custom monitoring in SCOM (System Center Operations Manager), this being the first (introduction/overview). I decided that the best way to do this would be to monitor a specific service with SCOM, but at the same time I would create everything from the ground up.

So here it is, the outline for my “custom” monitoring solution by post numbers:

1. Creating the Custom Class
 - a. Concept behind classes in SCOM
 - b. Designing our Custom Class
 - c. Creating our Custom Class
 - d. Setting up a hosting relationship
2. Creating a Custom Discovery
 - a. Creating the discovery script
 - b. Adding the Discovery to the MP
 - c. Testing our custom discovery
3. Health Monitor
 - a. Creating a Health Monitor
4. Performance Collection
 - a. Collecting CPU Usage - Perfmon
 - b. Collecting Memory Usage - WMI

I will document everything as best I can, and will field any questions you might have.

The posts will have the following naming convention C-MP-<num><point> : <Name>.