Introduction

Purpose

This is part of a group of documents and examples commonly referred to as the System Management Methodology (SMM). The SMM provides information and techniques as examples of how an administrator uses the standard features of IBM Cognos Administration along with IBM Cognos Business Intelligence functionality in order to increase their own productivity and pro-actively manage IBM Cognos BI applications, users, and servers. By combining the live view of IBM Cognos BI system activity provided by the IBM Cognos Administration features with system trending information using the reporting and analytical features of IBM Cognos BI, administrators can get a full view of BI system utilization.

Additional information about the Administrative features of IBM Cognos BI are available within the IBM Cognos Business Intelligence Administration and Security Guide.

Applicability

The documented information and technique(s) apply to all IBM Cognos Business Intelligence 10.1.1, 10.2.1 and 10.2.2 installations. Although precautions are taken to ensure that the
information and technique(s) span newer releases, some of the content may become obsolete and/or no longer applicable.

Content found in an appendix pertains to previously released System Management Methodology topics/techniques that have been replaced with a newer technique. The newer technique(s) will appear in the regular chapters of the document. When a new topic/technique is added that replaces a technique, it will be highlighted in the document.

**Exclusions and Exceptions**

The scope of the documents in this series may not include detailed steps on how to use the product as this information is contained within the core product documentation. For example, the document titled “System Management Methodology For IBM Cognos 10 – Setting Metric Thresholds” deals with thresholds that can be applied to the system metrics. The document offers guidance on how to interpret those metrics to apply default thresholds programmatically but does not include the actual steps required to manually set or modify a threshold.

**Overview of the System Management Methodology**

The System Management Methodology (SMM) is a collection of documentation, sample reports, tools written using the IBM Cognos SDK and techniques that are intended to provide examples of how to use IBM Cognos BI administrative features along with IBM Cognos Business Intelligence to aid in the ongoing management of an IBM Cognos BI installation. This version of the SMM applies to IBM Cognos BI v10 and is comprised of four articles as follows:

- **System Management Methodology For IBM Cognos 10 - Installation**
  Instructions for installing the SMM along with the SMM samples download.
- **System Management Methodology For IBM Cognos 10 - System Metrics**
  A description of IBM Cognos system metrics and how they are used with the SMM.
- **System Management Methodology For IBM Cognos 10 - Setting Metric Thresholds**
  A description of IBM Cognos system metric thresholds and how to use the CogSystemMetricAnalyzer tool to automate the definition of threshold values.
- **System Management Methodology For IBM Cognos 10 - TDI Integration**
  How to use IBM Tivoli Directory Integrator (available to all licensed IBM Cognos BI customers) to transform BI system metrics from their native JMX format into a relational database so that they can be used for system trending reports in IBM Cognos BI.

Additional information related to IBM Cognos BI system administration and auditing have been made available with previous versions of the SMM. This information has been included in other sources such as the IBM Cognos BI Administration and Security Guide and the IBM Redbook for Cognos BI v10 - “IBM Cognos Business Intelligence v10 Handbook”.

**Other Resources**

Other topics related to IBM Cognos system administration can be found on developerWorks and within the IBM Cognos BI documentation. Here are some useful links related to IBM Cognos BI administration:
The IBM Cognos 8 BI version of the SMM can be found on developerWorks by clicking here.

The IBM Cognos Business Intelligence v10 Handbook (Redbook) can be obtained by clicking here.
About the author

Business Analytics Proven Practices Team

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