Abstract.txt

In this session, I would present the use of SQL Server CMS environment to deliver Enterprise Database Administration Content.

A typical enterprise database environment comprise of hundreds of database server hosts. Each host has at least the following database administrator's tasks:

        User database full backup
        System database full backup
        Transaction Log backup
        Check database integrity
        Index defragmentation and update statistics
        Backup cleanup per retention policy
        Backup history and agent history cleanup

        Quick N Easy recovery strategy

SQL Server native environment, the maintenance plan, is not comprehensive enough to cover all scenarios and is not friendly enough to debug.

While CMS environment is great, it is not possible to automate via User Graphical Interface.

I use T-SQL and Powershell to construct an easy-deploy DBA task plan with CMS and automated monitoring alert notifications.

These maybe the processes that future SQL Server version could incorporate and enhance on these features.