

Paper 269-27**Managing SAS Services: A System Administrator's Guide to Enterprise Applications**

Greg Barnes Nelson, ThotWave Technologies, Cary, NC

ABSTRACT

Enterprise software development activities usually involve robust management and monitoring tools that enable systems to run seamlessly and often without intervention. Over the past 25 years, SAS has evolved into a true enterprise-class suite of solutions. As companies turn to SAS software for solving critical business needs, those that manage these applications require mature tools and techniques to help ensure the stability of these environments.

In this paper, we will discuss SAS from a systems administration perspective. That is, how can we manage the environment in which SAS operates. Here, we will discuss various methods for managing database, compute and web services in both a Microsoft Windows NT environment as well as UNIX environments. We will focus on how to start and stop services, techniques for monitoring systems and methodologies for how to do this in multi-tier environments. In addition, we will provide some guidance on approaches to managing the development, testing and production environments of large-scale SAS applications.

ERRATA

This paper relied heavily on the development of SAS Institute's work on the SAS Management Console. Since the writing of this paper is tied so closely with that development effort, we have to beg your forgiveness and ask that you review our web site (www.thotwave.com) for a full copy of the paper.

CONTACT INFORMATION

Your comments and questions are valued and encouraged. Please feel free to contact the author at:

Greg Barnes Nelson
greg@thotwave.com
117 Edinburgh South
Suite 202
Cary, NC 27511
919.465.0322 - Phone
919.465.0323 - Fax