REQUEST FOR COMMUNITY INPUT ON SAC054:
DOMAIN NAME REGISTRATION DATA MODEL

SAC054, released on 11 June 2012, proposes a standards-based, structured, and extensible model for the recording of Domain Name Registration Data. (DNRD). This DNRD Model is presented as a candidate or strawman for Community discussion and as a basis for further development. The SSAC seeks Community feedback on its completeness and utility.

The Model comprises commonly used Data Elements that are specified by Long Name, Short Name, and Description and are organised into groups as follows (see Section 4, Page 10):

Table 1: Data Model for Contact
Table 2: Registrar Data Model
Table 3: Host Name Data Model
Table 4: Domain Name Data Model
Table 5: Registered Mark Information Data Model
Table 6: DNSSEC Information Data Model

These Data Elements in each Group should not be seen as 'mandatory' but rather as a 'menu' from which an organisation can select those best suited to construct a Data Profile for the various functions it performs. For example a Registrar may have two Data Profiles for its 'Data Model for Contact', one for Data Elements which will be held privately by the Registrar and another for Data Elements which will be made publicly visible.

A selection of Data Elements that form a Data Profile would typically be characterized by attributes, parameters and rules. These characteristics should be defined by the user organisation and an example profile is provided at Appendix A to SAC054.

In considering the model, the Community should note that the Domain Name Registration Data Life Cycle depicted is an example only of the many and varied Registration Data Life Cycles. Comment on the accuracy of this Life Cycle is not necessary. Rather, comment should focus on the following questions in relation to defining a directory service for domain name registration data:

1. The **completeness** of the data model
   - are there any missing data elements?
   - are there any additional groupings of data that might be relevant in addition to those in Tables 1-6?
2. The **utility** of the data model
   - are the descriptions of the data elements appropriate?
   - are there any functions which this data model would **not** potentially support?