LDAP in Solaris

Ravi Iyer

Solaris Networking Technologies

March 11, 1998

Connectathon '98

Current Naming Services in Solaris

Solaris currently supports the following Naming Services

- ◆ **NIS**

- ◆ **NIS+**

- ◆ **DNS**

- ◆ **FNS**

LDAP in Solaris (Current Plans)

Solaris will support an LDAP client library in the next release

- ◆ **This will include support for LDAPv3**

- ◆ **32-bit and 64-bit versions of this will be available**

- ◆ **Support for LDAP in Solaris 2.6 is under consideration**
  - ● **Distributed as a package for installation**

LDAP in Solaris

Future releases will include support for

◆ **Support Kerberos V5 via GSSAPI (incl. SASL)**

◆ **SSL**

◆ **MT-Hot**

◆ **Server Discovery**

◆ **PAM**

Solaris as an LDAP client

◆ **The name service switch will also support LDAP as one of its underlying naming services.**

◆ **The name service switch will depend on the server supporting schemas as defined in the draft by Luke Howard i.e. draft-howard-nis-schema-04.txt**

◆ **The 1st release will NOT include support for security, sendmailvars and automount**

◆ **The /etc/ns/ldap.conf file will help the client determine various server parameters (name, search base etc.,)**

SunSoft A Sun Microsystems Inc Business

Sun Directory Server 3.1

◆ **A Full LDAPv3 server**

◆ **Supports LDAPv2 clients**

◆ **Improved security with SSL and Start TLS extended op.**

◆ **Integrated with NIS and Radius**
  - **NIS is based on draft-howard-nis-schema-04.txt**

◆ **Java based administration tools**
  - **Configuration and Management Tool**
  - **Directory Editor Java Applet (DEJA)**

◆ **Beta release later this month and FCS will be in July.**

Other Naming Plans on the Horizon
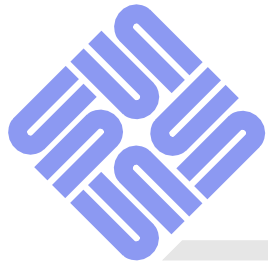
Other Naming Plans on the Horizon

DNS

◆ **Solaris 2.7 will support ISC BIND 8.1**

◆ **This Supports Dynamic Updates and Change Notification**

◆ **Plans underway to integrate DHCP w/ DNS and improve security aspects of Dynamic DNS**

◆ **DNS in Connectathon'99 is under consideration**