**sn**

**Definition**

The surname is one of the standard LDAP attributes defined in RFC 2256 [http://www.faqs.org/rfcs/rfc2256.html](http://www.faqs.org/rfcs/rfc2256.html) that UCLA Enterprise Directory adopts. According to RFC 2256, sn, also known as X.500 surname, “contains the family name of a person.” In the context of UCLA ED, this is the last name of the person represented by the identity entry in the UCLA Enterprise Directory.

**Data Flow**

The Enterprise Directory retrieves LAST_NAME_PERSON from the UID system via the Campus Data Warehouse (CDW) in real-time manner. For each person, the UID system contains names recorded at 4 different university systems. They are Student Record System (SRS), Student Information System (SIS), Payroll Personnel System (PPS), and University Extension System (UNEX). Names from these systems are flagged in APP_ID field accordingly as SR0, SI0, PP0, and UNIX. The Enterprise Directory select the name to populate cn base on the following logic:

1. If a person currently has student affiliation (flagged as "SRSAffiliated" in uclaPersonDirectoryListAffiliation), select the name in the order below no matter what other affiliation this person has:
   - 1. SR0 name
   - 2. SI0 name
   - 3. PP0 name
   - 4. UNIX name
2. If a person currently has employee affiliation (flagged as "PPSAffiliated" in uclaPersonDirectoryListAffiliation), select the name in the order below:
   - 1. PP0 name
   - 2. SR0 name
   - 3. SI0 name
   - 4. UNIX name
3. Else, meaning a person does not have either student or employee affiliation, go with the same order of step a.

Note: If the name selected is found with APP_USAGE_STATUS <> 'A', an error message will be logged but the name still goes in ED.

For entries created without [uclaUniversityID] or [uclaASUCLAID]; the attribute is updated by UCLA Logon System via web service call in real time manner.

**Source System**

UID system managed by Financial Aid and Shared Systems, Student Applications, IT Services.
UCLA Logon System managed by Network Engineering & Operations, IT Services.
ASUCLA payroll system managed by ASUCLA.

**Access Permission**

For students, contact data owner UCLA Registrar's Office.
For employees, contact data owner UCLA Payroll Office.
For ASUCLA employees, contact data owner ASUCLA payroll office.

**Usage**

This is the usage of this attribute in the attribute-map.xml file. For more information about Mapping the attribute please visit Shibboleth wiki.

```xml
<Attribute name="urn:oid:2.5.4.4" id="SHIBSN"/>
```