digital™

Digital X.500 Directory Service Version 3.1 for OpenVMS VAX Systems

Read Before Installing

AV-PXGLH-TE

Prerequisite Software

Before you install the Digital™ X.500 Directory Service make sure you have the following installed and working on your system:

- OpenVMS™ for VAX™ V6.1, or later.
- DECnet™/OSI® V6.2 for OpenVMS VAX or later, including the application option.

Year 2000 Conformance

With this release, the time matching rules used by the DSA have been changed so that dates beyond the year 2000 are recognized by the DSA. Time syntaxes, such as, UTC Time, represent the year as a two digit number For example, 10.30am GMT on 5th January 1997 is expressed in UTC Time as 970105103000Z.

With the new time matching rules, a time value with a year that is less than 50 is assumed by the DSA to be after 2000. For example, a time value containing the year 01 is assumed by the DSA to be 2001.

A time value with the year equal to or greater than 50 is assumed by the DSA to be between 1950 and 1999. For example, a time value with the year 97 is assumed by the DSA to be 1997.

Note that existing time values stored in the directory that contain a year value less than 50 will be affected by the new time matching rules used by the DSA.

Upgrading from Pre-V2.0 Versions of the Directory Service

If you are upgrading from V2.0 or later, there is no need to read this section.

If you are upgrading from a pre-V2.0 installation, the V3.1 installation converts your existing database to change the object identifiers of the attribute types listed in the following table.

Table 1: Attribute Types Whose Object Identifiers Are Converted

Attribute Type	New Object Identifier
name	becomes {attributeType 41}
givenName	becomes {attributeType 42}
initials	becomes {attributeType 43}
generationalQualifier	becomes {attributeType 44}
uniqueIdentifier	becomes {attributeType 45}
dnQualifier	becomes {attributeType 46}
enhancedSearchGuide	becomes {attributeType 47}

Table 1 (Cont.): Attribute Types Whose Object Identifiers Are Converted

Attribute Type	New Object Identifier
protocolInformation	becomes {attributeType 48}
distinguishedName	becomes {attributeType 49}

In pre-V2.0 releases of the Directory Service, these attributes had the wrong object identifiers, and the V3.1 installation corrects them for you. If you are upgrading from a more recent version, then this conversion has already happened and is not repeated.

WARNING

If you have a pre-V2.0 installation, and have corrected these object identifiers yourself, then do not install V3.1 of the Directory Service. Contact Digital for details of how to upgrade.

You must upgrade all pre-V2.0 components of your Directory Service as soon as possible. This is because changing object identifiers causes interworking problems between pre-V2.0 versions and more recent versions. If it is not possible to upgrade all pre-V2.0 systems for any reason, contact Digital.

If you have Directory Service components installed on any systems that run the ULTRIX™ operating system, contact Digital. The last version of the Directory Service to support the ULTRIX operating system was V1.3, so there is no upgrade option.

Do not use old schema files instead of the newly installed files, as old schema files contain the incorrect object identifiers, as well as lacking some new definitions. If you have customized the schema, you need to edit your customizations into the newly installed schema files. Your old schema files are saved during installation.

Configuration Tutorials

Chapter 2 and Chapter 3 of *Digital X.500 Directory Service Management* provide configuration tutorials. If you are installing Digital's Directory Service products for the first time, you might find the tutorials a useful introduction to managing the product.

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