Windows Enterprise
OU Administrator Tips
SAN LDAPS Certificates on Windows Domain Controllers

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The LDAPS certificates on the Windows domain controllers are SAN (Subject Alternative Name) certificates. The LDAPS certificates on all four domain controllers are identical. The "Subject" field is "windc.iastate.edu". The "Subject Alternative Name" field contains the fully qualified domain names of all the domain controllers ("windc1.iastate.edu", etc.) AND "windc.iastate.edu".

In addition there is a round-robin entry in DNS for "windc.iastate.edu" which points to all domain controllers. This combination of round-robin DNS and SAN certificates should eliminate the need for LDAPS clients to point to a specific domain controller. Using a "generic" DNS entry of "windc.iastate.edu" will always get a viable DC and a consistent LDAPS certificate.