

ADAM & SSL (w/ 3rd Party)

Source:

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Has anyone been able to get ADAM working with SSL using a certificates issued from a 3rd party CA such as Verisign?

We've been trying to create a cert using the certreq utility, however, Verisign tells us the created .CSR file does not contain required fields such as Organization, State, Locality, etc. and we are unable to find any method to get these attributes into the .CSR file using the certreq utility. There seems to be an "-attrib" option but that doesn't seem to be adding the values.

Here is our request.inf file settings:

```
[Version]
Signature="$Windows NT$"

[NewRequest]
Subject = "CN=<our FQDN is here>"
; replace with the FQDN of the DC

KeySpec = 1
KeyLength = 1024
; Can be 1024, 2048, 4096, 8192, or 16384.
; Larger key sizes are more secure, but have
; a greater impact on performance.

Exportable = TRUE
MachineKeySet = TRUE
SMIME = False
PrivateKeyArchive = FALSE
UserProtected = FALSE
UseExistingKeySet = FALSE
ProviderName = "Microsoft RSA SChannel Cryptographic Provider"
ProviderType = 12
RequestType = PKCS10
KeyUsage = 0xa0

[EnhancedKeyUsageExtension]
OID=1.3.6.1.5.5.7.3.1
```

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; this is for Server Authentication

And there is the command we are running:

```
certreq -new request.inf adam.csr
```

We've also tried adding the attribute option like:

```
certreq -new -attrib "O:OurOrganization" request.inf adam.csr
```

but nothing seems to be working. Anyone else using a 3rd party CA for LDAP over SSL? We've been following this kb:

<http://support.microsoft.com/default.aspx?scid=kb:en-us:321051>

Doug

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