

## **Digital Certificate Requirements DMV, State of Nevada**

Platform: Microsoft Windows

Operating System: Windows 2003/2008

### **Supported certificate package formats:**

The certificate package must be in one of the following formats:

1. A single BER encoded X.509 certificate.
2. A single Base64 encoded X.509 certificate.
3. A Privacy Enhanced Mail (PEM) encoded X.509 certificate. If the input is in this format, only the Originator Certificate is used.

### **Details regarding all certificates**

The following are additional details regarding certificate processing:

1. All fields as defined for X.509 version 1 certificate must be present and must have a length greater than zero (non-null).
2. X.509 certificates with version numbers greater than 3 are not supported.
3. Noncritical extensions are ignored. Critical extensions that are supported include:
  - o keyUsage - { 2 5 29 15 }
  - o basicConstraints - { 2 5 29 19 }
  - o subjectAltname - { 2 5 29 17 }
  - o issuerAltName - { 2 5 29 18 }
  - o certificatePolicies - { 2 5 29 32 }
  - o policyMappings - { 2 5 29 33 }
  - o policyConstraints - { 2 5 29 36 }
  - o nameConstraints - { 2 5 29 30 }
  - o extKeyUsage - { 2 5 29 37 }
  - o hostIdMapping - { 1 3 18 0 2 18 1 }
  - o subjectKeyIdIdentifier - { 2 5 29 14 }
  - o authorityKeyIdIdentifier - { 2 5 29 35 }