



## Generating a CSR for Intel NetStructure 7110 e-Commerce Accelerator

Use the "Create key" command to create your key and the "Create sign" command to create a signing request to be authenticated.

### Create a key:

Type the create key command at the prompt:

- Intel 7110> create key
- Key strength (512/1024) [512]:
- New keyID [001]: 002
- Keypair was created for keyID: 002

### Create a Certificate Signing Request:

Intel 7110> create sign 002

You will now be asked to enter information that will be incorporated into your certificate request. The "common name" must be unique. For other fields, you could use default values.

Country code: This is the two-letter ISO abbreviation for your country (for example, GB for the United Kingdom).

State or Province: This is the name of the state or province where your organization's head office is located. Please enter the full name of the state or province.

Locality: This is the name of the city where your organization's head office is located.

Organization: This should be the organization that owns the domain name. Use the legal name under which your organization is registered. Do not use any of the following characters: < > ~ ! @ # \$ % ^ \* / \ ( ) ?.

Organizational unit: This is normally the name of the department or group that will use the certificate.

Common name: The common name is the "fully qualified domain name," (or FQDN) used for DNS lookups of your server (for example, www.mydomain.com). Browsers use this information to identify your Web site. Some browsers will refuse to establish a secure connection with your site if the server name does not match the common name in the certificate. Please do not include the protocol specifier "http://" or any port numbers or pathnames in the common name. Do not use wildcard characters such as \* or ?, and do not use an IP address.

E-mail address: This should be the e-mail address of the administrator responsible for the certificate.

Export the Certificate Signing Request (CSR).



In this example, xmodem is used to send the CSR to a PC connected to the console port.

```
Intel 7110> export sign webserver
Export protocol: xmodem, uuencode
[ascii]: <Enter>
Use Ctrl-x to kill transmission
Beginning export...
Export successful!
Intel 7110>
```

To submit the CSR paste it into the field provided in the online request form. Remember to include the "-----BEGIN CERTIFICATE REQUEST-----" and "-----END CERTIFICATE REQUEST-----" lines. The CSR will look something like this:

```
-----BEGIN CERTIFICATE REQUEST-----
MIIBnDCCAQUACQAwXjELMAkGA1UEBhMCOExEDOABgNVBAgT
B09udGFyW8xEDAObgNVBAcTB01vbnRyYWwxDDAKBgNVBAoT
.....more text.....
6ytkuJ9YnK84Q8x+pS2bEBDnw0D2MwdOSF1sBb1bcFfkmbpj
N2N+hqrrvA0mcNpAgk8nU=
-----END CERTIFICATE REQUEST-----
```