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Challenge:

Purchase and configure an SSL X.509 certificate for use with an Apache system. This is a log of activity completed for the configuration specifically with the Webalo server appliance.

Log of Activity: *assumes access to the Webalo Setup guide -- see page 22 (2016-08-24 version)*

1. Create account with a Certificate Authority (CA) like Verisign, Thawte, GoDaddy
  - a. Recommendation is GoDaddy - cheap price, good support chat, straightforward
2. From web server appliance, obtain a Certificate Signing Request (CSR) - save in text file
3. In CA account, purchase a standard SSL certificate
  - a. Provide the CSR from the web appliance when requested from the CA
  - b. Provide the server software platform - example, Webalo is based on Apache
4. Receive a notification from CA that validation with a random validation text
5. Sign into the main website's host
  - a. ex: sign into iPower.com account with automatech.com admin user
  - b. Place random validation text into the DNS TXT field by adding a new entry
6. In CA account, acknowledge the text is ready for validation
  - a. wait a few minutes for notification
7. Once validation has occurred the certificate is ready for download from the CA account
  - a. The file is downloaded as a ZIP file - Apache format has two files both of \*.crt format
8. In the web server appliance, upload the files in this order (specifically for Webalo appliance)
  - a. first - The file that is a full set of random text
  - b. second - the file that says "bundle" (called the intermediate file)

The SSL purchase and installation is complete - also need to open access through the firewall.

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