Some answers to problems in Web Security 2012

For some questions it is useful to check your answer or calculations. Here are answers for those questions. For the other questions, the answer can be found in lecture slides or lecture notes.

103. The encoding is 0xE282AC.

104. 31 characters.

105. UGVhcg==

106. Apple

111.
a) $T = 2^{32}, P = 2^{48}$
b) 2^{48}
c) $T = 2^{32}, P = 2^{51}$
d) 2^{36}

201.
a) Only IPs resolving to something ending in lth.se.
b) No one would be allowed access
c) Everyone would be allowed access (the change in b) does not change anything)
d) Everyone would be allowed access, since the regex container overwrites the rest.

204. A simple variant is `^https?://([0-9a-zA-Z_-]+\.)+[a-zA-Z]{2,3}$`

205. One variant is `^\d*[02468]$`

305. No

405. b) About 2^{16}.