

## 11.6 Question 6

### 11.6.A Which security services are provided by DNSSEC? By which security mechanism(s) are they provided? (X.800)

DNSSEC adds two security services:

1. *Data Origin Authentication*  
Ensures the receiver/resolver to verify that the data originated from the zone he believes it comes from.
2. *Data Integrity Protection*  
Ensures the receiver/resolver that the data was not modified during transfer.

### 11.6.B Is DNSSEC enabled for unibe.ch? Describe how you found out.

Using the "*dig ds unibe.ch +short*" command I could determine that DNSSEC is enabled for unibe.ch. Also various internet websites concluded in the same result.