

- *Profile-based Traffic Anonymization*
  - Network traffic for evaluation
  - Legal and privacy issues
  - Flexible and secure anonymization
- *Anonymization of network traffic*
  - Configuration by XML profiles
  - Support for popular network protocols and different anonymization primitives
  - Easily extensible
- *Flexibility*
  - Re-calculation of checksum and length fields
  - Anonymization of live traffic and network traces
  - Interplay with other tools
- *Open Source Implementation*  
<http://www.tm.uka.de/pktanon>

*XML profile*  
 Mapping of anonymization primitives to protocol attributes

```

<TcpPacket>
  <TcpSrcPrt a=AnonHashSha1/>
  <TcpOpt a=AnonShorten len=0/>
  ...
</TcpPacket>
  
```



*Anonymization*  
 Secure and defensive



*Network protocols*  
 Parsing and serialization



*Abstraction of input/output*  
 File, stream, live traffic

