### Description
Our ASN.1 parser has been fragile. It's a good candidate for a Rust implementation. The der_parser crate we already use in the SMB code could be a good starting point.

### Related issues:
Related to Task #3195: tracking: rustify all input

### History
- **#1 - 05/09/2019 06:59 PM - Victor Julien**
  - Tracker changed from Bug to Optimization

- **#2 - 05/23/2019 09:23 PM - Andreas Herz**
  - Assignee set to Community Ticket
  - Target version set to TBD
  - Effort set to medium
  - Difficulty set to medium

- **#3 - 09/26/2019 08:42 AM - Victor Julien**
  - Related to Task #3195: tracking: rustify all input added

- **#4 - 04/06/2020 03:39 PM - Emmanuel Thompson**
  - Looking into this

- **#5 - 05/19/2020 02:19 PM - Emmanuel Thompson**
  - Draft PR: [https://github.com/OISF/suricata/pull/4954](https://github.com/OISF/suricata/pull/4954)