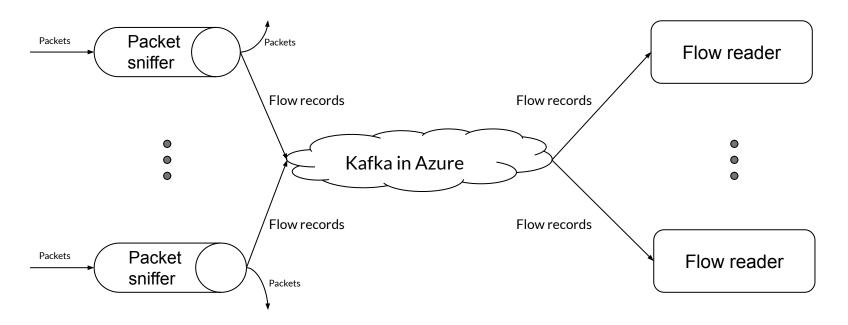
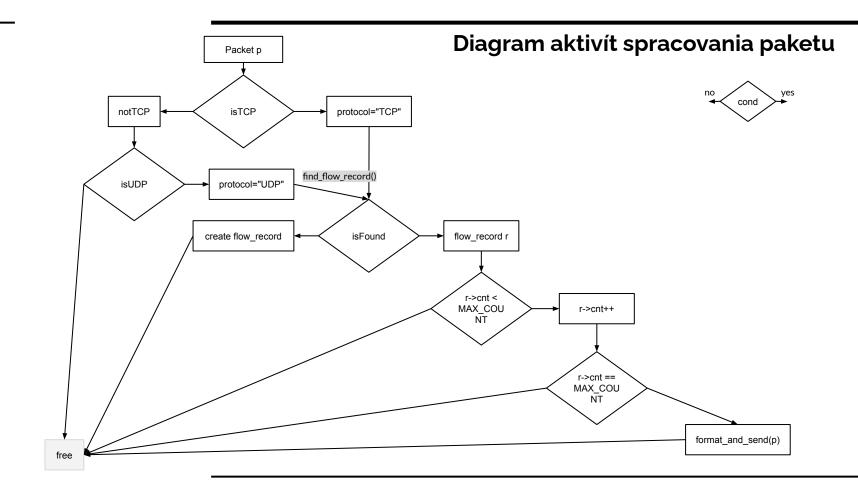
# Ingestor metadat z network flow do Apache Kafka

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### **Architektúra**





## flow\_record linked list

```
typedef struct packet
uint32 t src addr;
uint32 t dst addr;
                              ssize t payload size;
uint16 t src port;
uint16 t dst port;
char protocol[4];
                                            typedef struct flow record {
packet t packet;
                                              packet t packet; -
flow record entry t *record;
unsigned int record count;
                                              unsigned int record count;
```

# Rozdelenie práce

### Adam

- Príjem paketov, kontrola ich správnosti a ich nahrávanie do štruktúr
- flow\_record table

### Lukáš

- Nastavenie cloudového prístupu
- Nastavenie a sprevádzkovanie Kafky
- run-script.sh

#### Matúš

 flow\_record kolektor a odosielanie na Kafku