DOTS use cases

draft-mglt-dots-use-cases-00.txt

D. Migault

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Introduction

The goal of the presentation are:

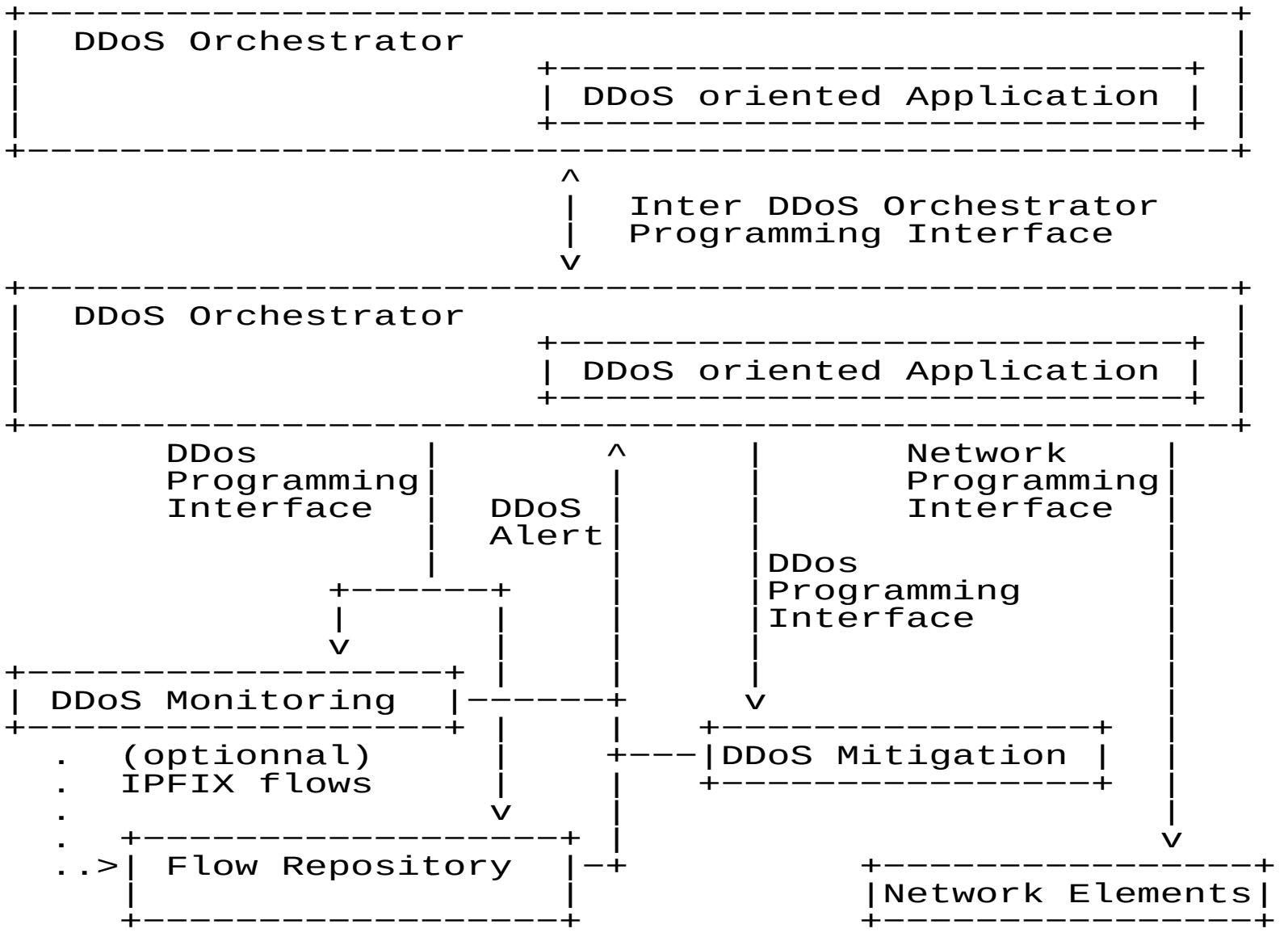
- To agree on the use case that are in scope of DOTS
- (to agree on the scope of DOTS)

We assume that DDoS can be mitigated by:

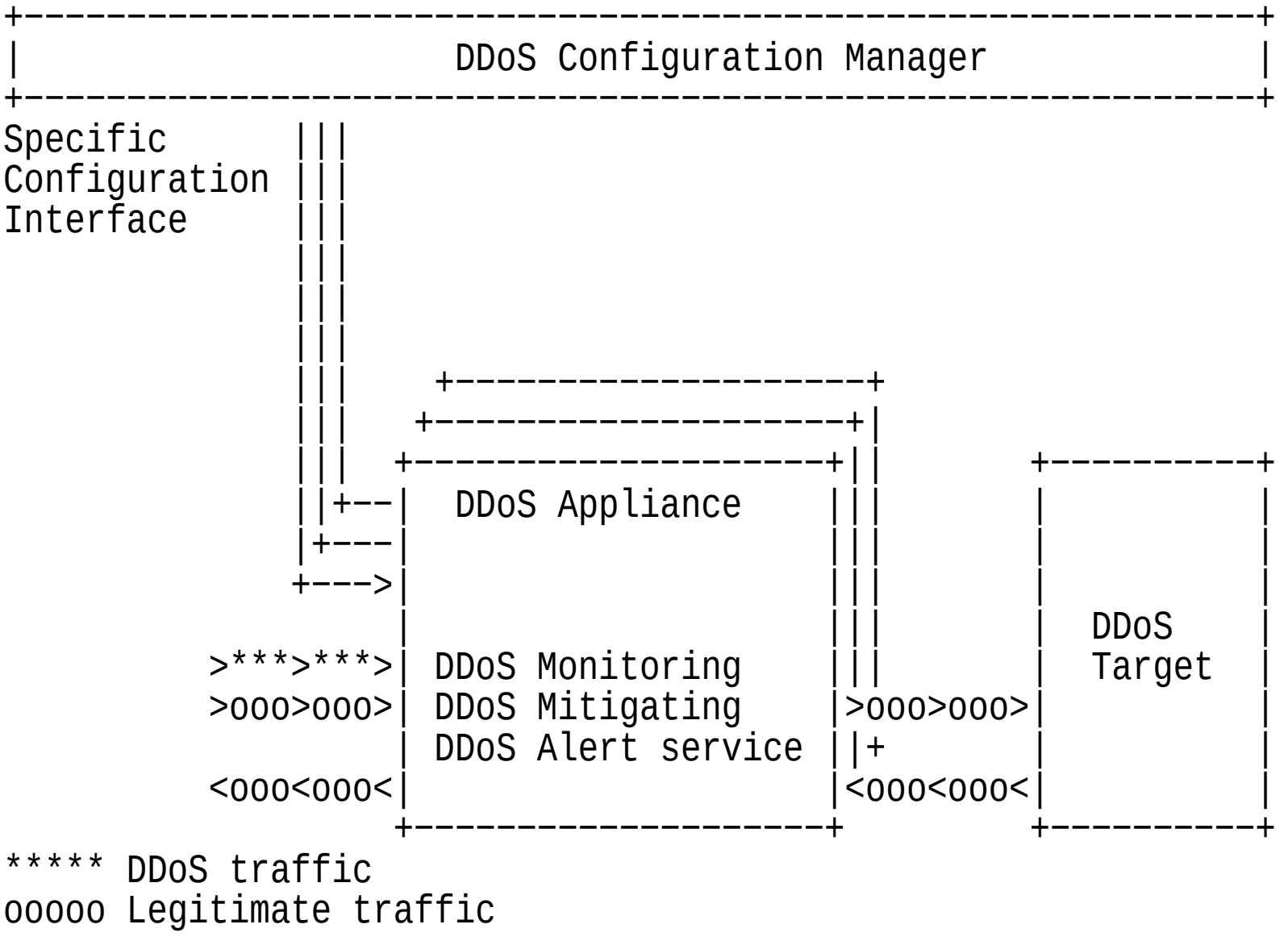
- Coordination
- Collaboration
- Programmability

DDoS Open Threat Signaling (DOTS) is expected to be the communication protocol that achieves these goals.

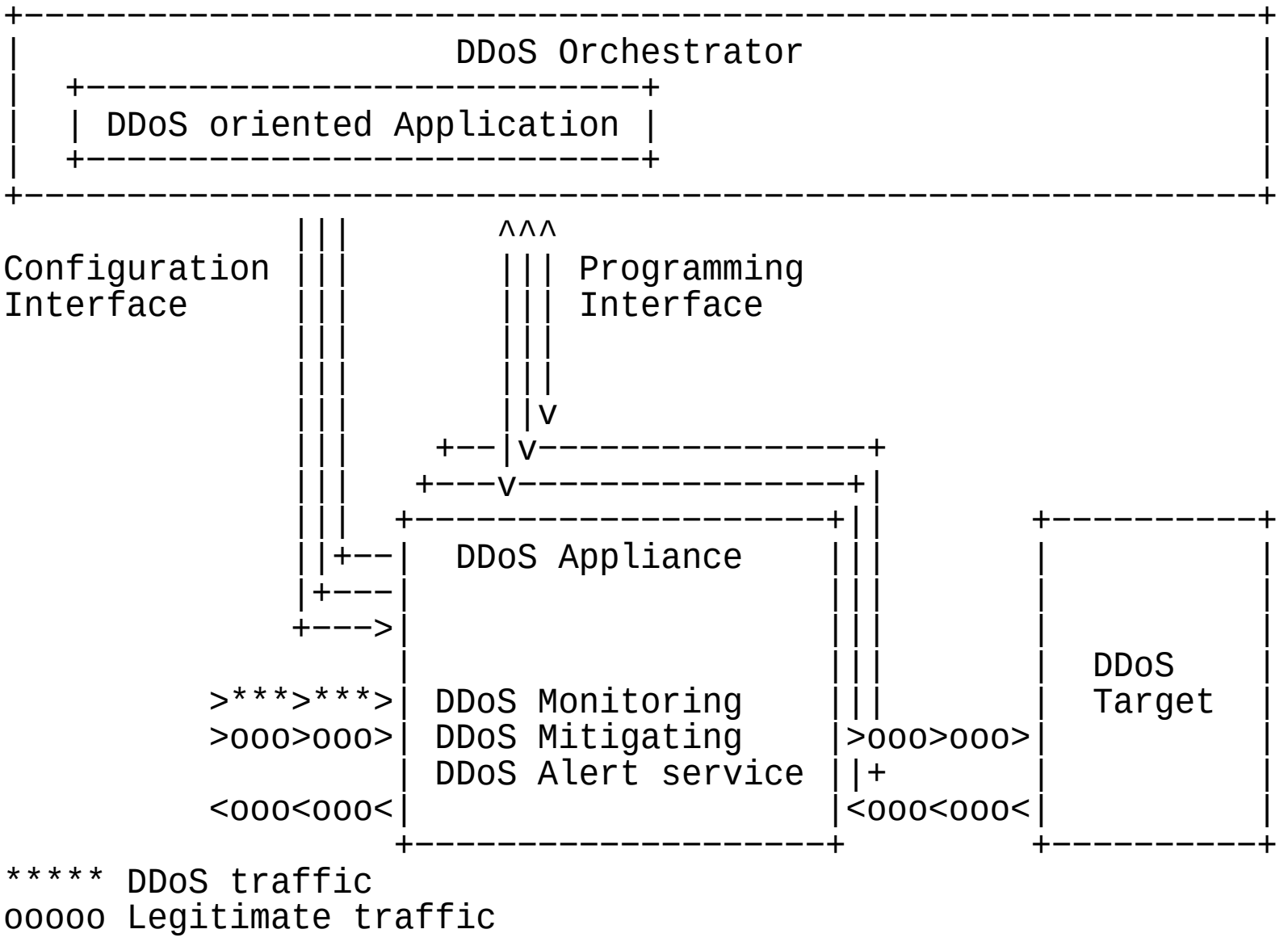
Functional Overview



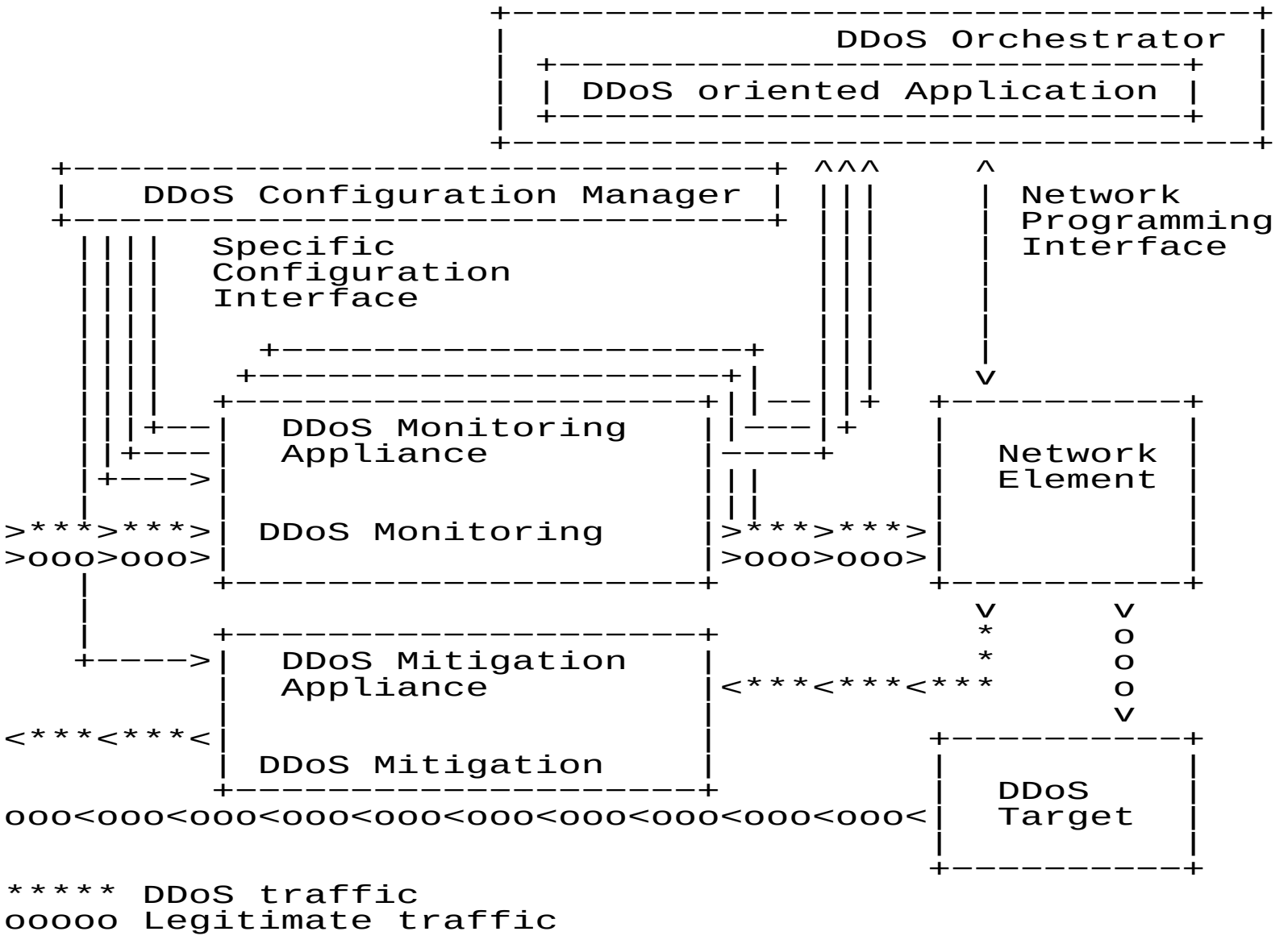
On-Premise Symetric



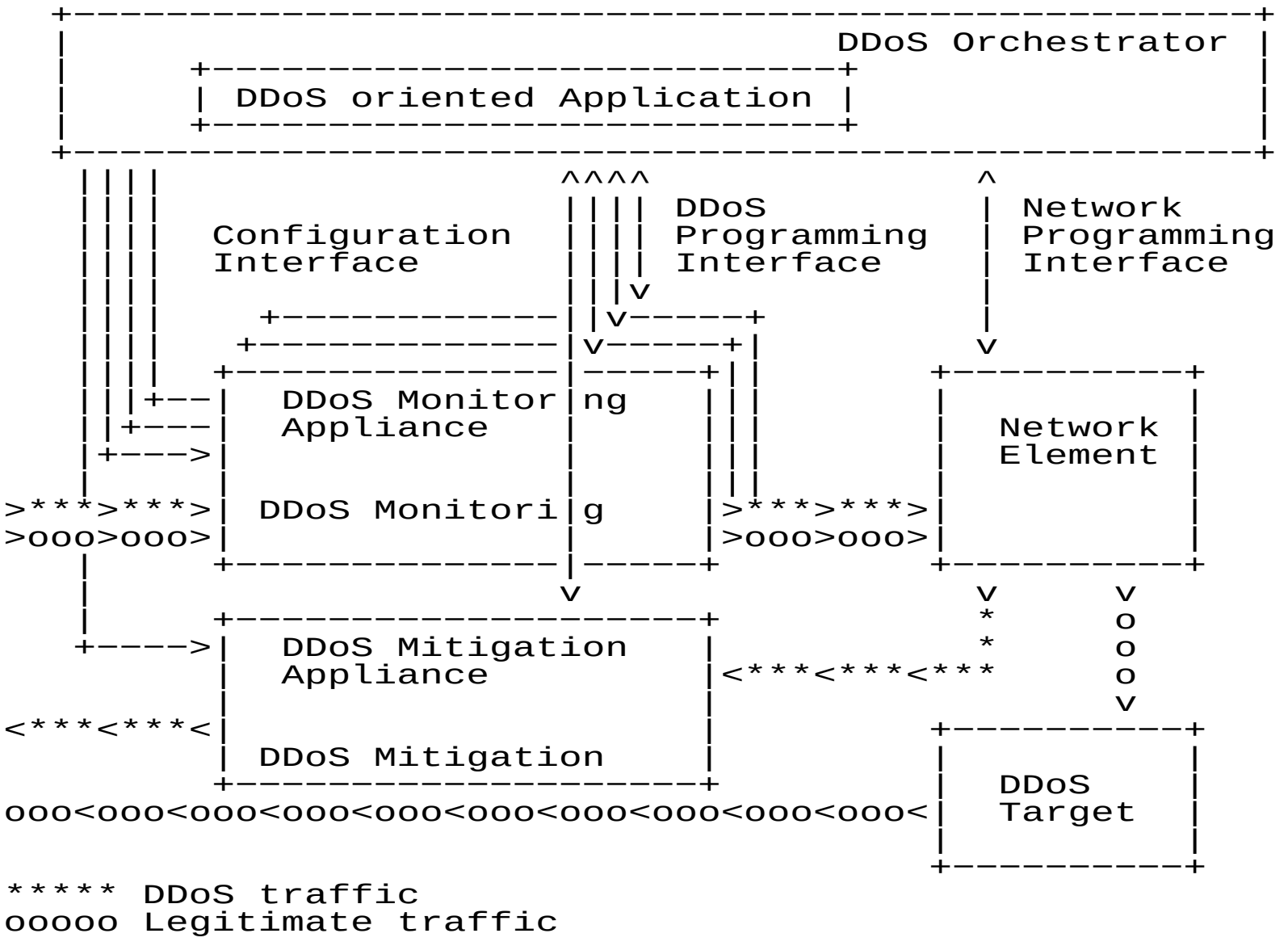
On-Premise Symetric (DOTS)



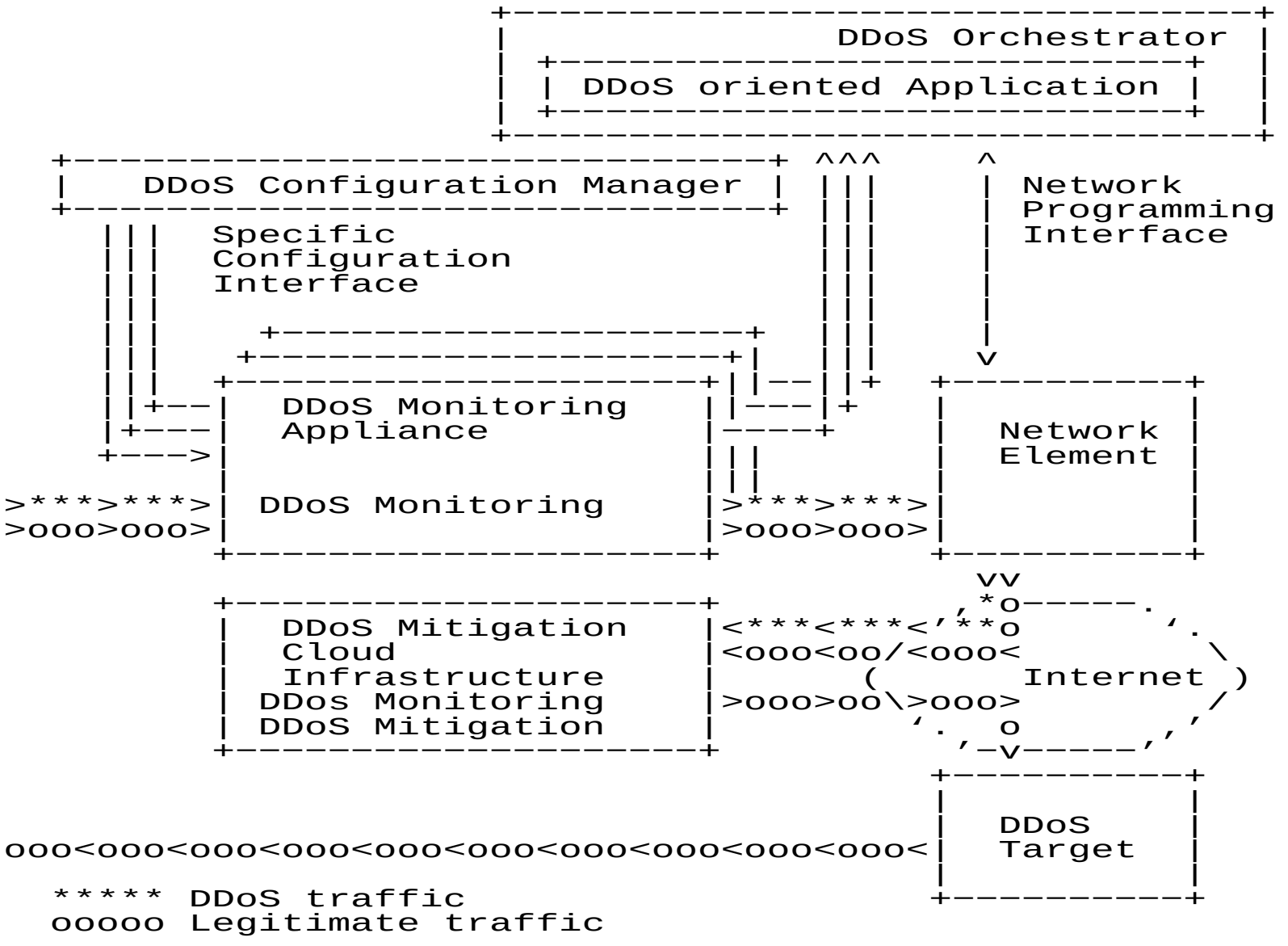
On-Premise Asymetric



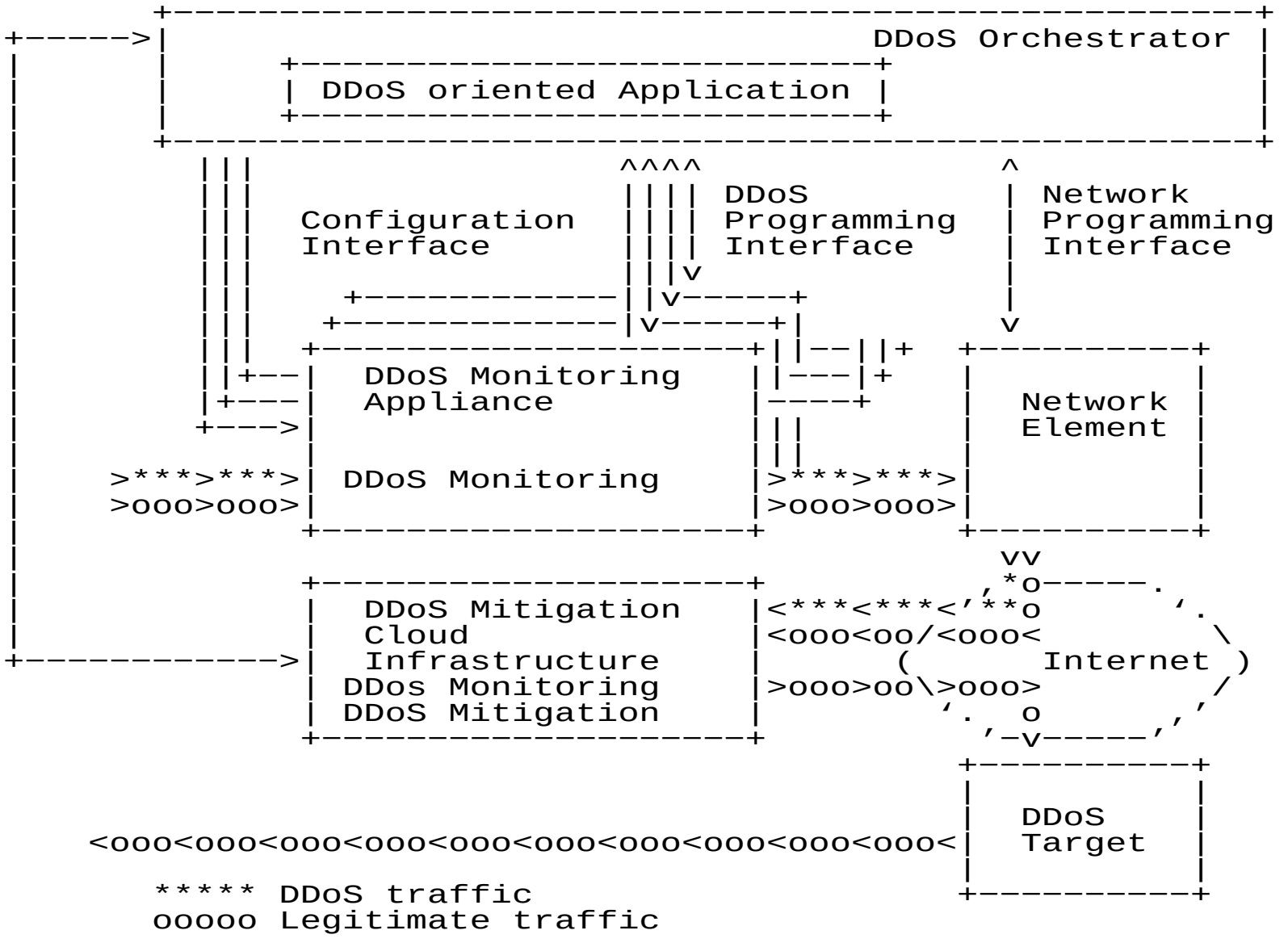
On-Premise Asymetric (DOTS)



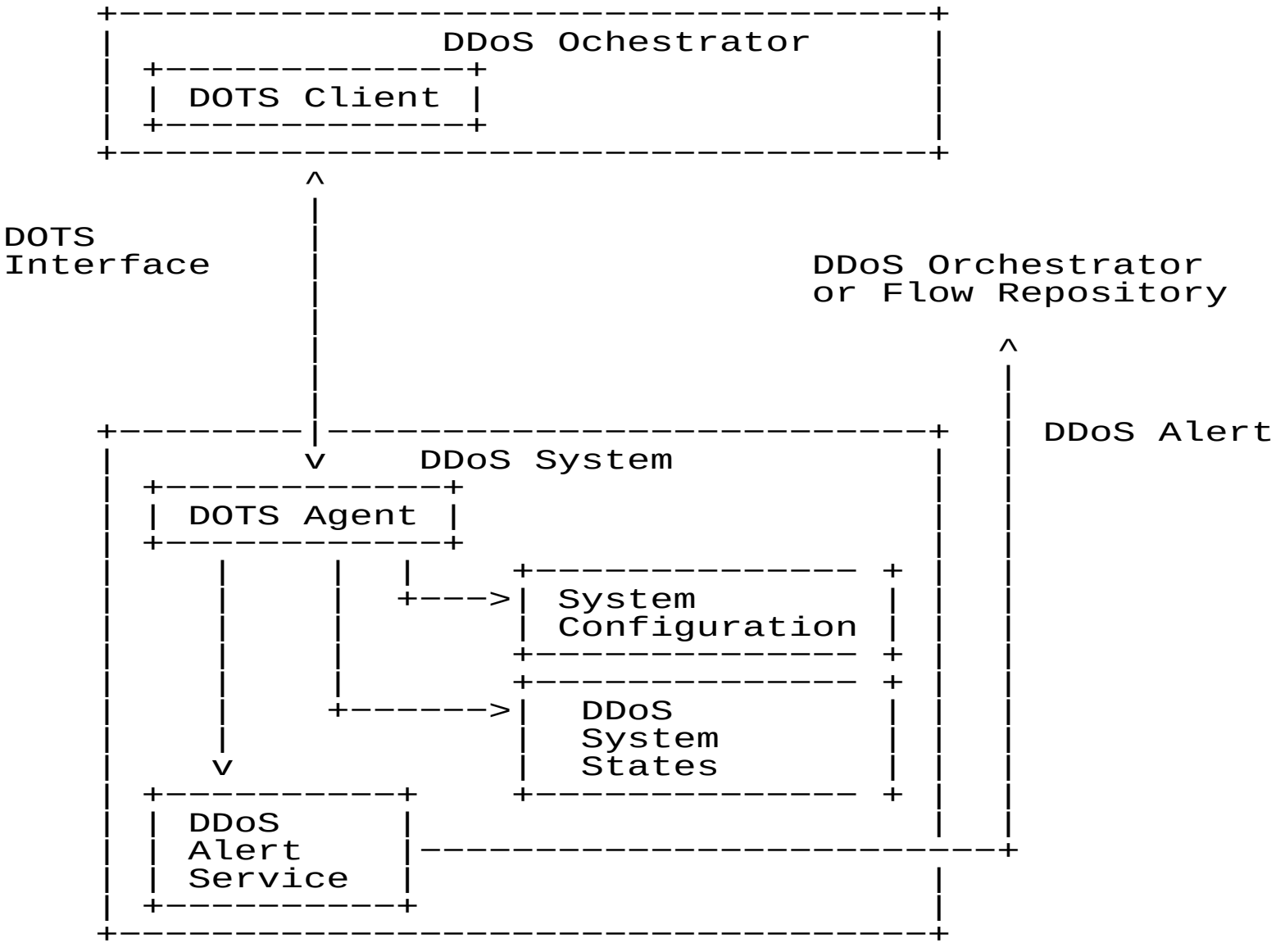
Cloud


DDoS Orchestrator
DDoS oriented Application
DDoS Configuration Manager
Specific
Configuration
Interface
Network
Programming
Interface
DDoS Monitoring
Appliance
DDoS Monitoring
Network
Element
DDoS Mitigation
Cloud
Infrastructure
DDos Monitoring
DDoS Mitigation
Internet
DDoS
Target
***** DDoS traffic
ooooo Legitimate traffic

Cloud (DOTS)


DDoS Orchestrator
DDoS oriented Application
Configuration Interface
DDoS Programming Interface
Network Programming Interface
DDoS Monitoring Appliance
DDoS Monitoring
Network Element
DDoS Mitigation Cloud Infrastructure
DDos Monitoring
DDoS Mitigation
Internet
DDoS Target
***** DDoS traffic
ooooo Legitimate traffic

Architecture



Thank you for your attention