6 Evaluation

6.1 environment set up and evaluation metrics

set up metrics:

1. overhead： 说明我们测试Overhead时的总体配置环境，即测试每个图时都一样的配置，不同的配置在具体每个图下面说
2. scalability： 说明测试 scalability时候总体配置环境，即测每个图时都一样的配置，不同的配置在具体每个图下面说
3. security: 说明测试security时候我们的总体配置环境，不同的部分在每个模块下面细说

6.2 overhead

6.2.1 data plane

(1) Graph1-(a): Alexa TOP 500

(2) Table 1: breakdown table

(3) Graph1-(b): bandwidth(x)----download time(y)

6.2.2 control plane

(1) Graph 1-(c)(条形图): download size/download time(二选一做纵轴)----machine capability

(2) Graph 4: # threads(x) ---- end to end delay(y)

(3) CPU overhead (几乎固定在15%) and memory overhead (几乎没有，大约固定在1.4%)

(4) network overhead: size of control plane traffic/ size of data plane traffic (data plane size = 1514 Byte, control plane size 74 Byte,比例固定)

6.3 scalability

(1) Graph2: #connection(x) --- end to end delay(y)

Graph 3-(a)-(b): # client(x)----end to end delay(y)

(2) Graph 4-(a)-(b): #connection(x)--- download time(y)

6.4 security(这部分纯口述就好)

(1) URL attack

(2) modify packet content, 看看能不能被block

(3) TCP re-transmission