dst2src_stddev_ps <= 878.367
gini = 0.905
samples = 6087
value = [596, 557, 552, 582, 633, 604, 581, 573, 12, 24
597, 624, 130, 6, 16]
class = DoS Hulk
True
False
dst2src_psh_packets <= 14.5
gini = 0.869
samples = 4322
value = [579, 557, 8, 22, 5, 604, 581, 573, 11, 24, 597
624, 124, 2, 11]
class = SSH-Patator
src2dst_last_seen_ms <= 319938424.0
gini = 0.678
samples = 1765
value = [17, 0, 544, 560, 628, 0, 0, 0, 1, 0, 0, 0, 6
4, 5]
class = DoS Hulk
src2dst_psh_packets <= 0.5
gini = 0.845
samples = 3622
value = [578, 557, 8, 22, 5, 604, 581, 573, 0, 24, 597
15, 55, 2, 1]
class = DoS Slowhttptest
bidirectional_stddev_ps <= 309.396
gini = 0.233
samples = 700
value = [1, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0, 609, 69, 0
10]
class = SSH-Patator
bidirectional_last_seen_ms <= 317542106.5
gini = 0.037
samples = 638
value = [12, 0, 0, 0, 626, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
src2dst_stddev_ps <= 11.941
gini = 0.52
samples = 1127
value = [5, 0, 544, 560, 2, 0, 0, 0, 1, 0, 0, 0, 6, 4
5]
class = DoS GoldenEye
bidirectional_syn_packets <= 0.5
gini = 0.489
samples = 1042
value = [445, 0, 0, 0, 0, 0, 0, 0, 0, 0, 597, 0, 0, 0
0]
class = PortScan
dst2src_last_seen_ms <= 456207891.0
gini = 0.795
samples = 2580
value = [133, 557, 8, 22, 5, 604, 581, 573, 0, 24, 0, 15
55, 2, 1]
class = DoS Slowhttptest
gini = 0.0
samples = 609
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 609, 0, 0
0]
class = SSH-Patator
bidirectional_mean_ps <= 455.055
gini = 0.398
samples = 91
value = [1, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0, 0, 69, 0
10]
class = Web Attack - Brute Force
gini = 0.0
samples = 12
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 626
value = [0, 0, 0, 0, 626, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = -0.0
samples = 544
value = [0, 0, 544, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
bidirectional_first_seen_ms <= 327776249.0
gini = 0.077
samples = 583
value = [5, 0, 0, 560, 2, 0, 0, 0, 1, 0, 0, 0, 6, 4
5]
class = DoS GoldenEye
src2dst_bytes <= 62.5
gini = 0.08
samples = 456
value = [437, 0, 0, 0, 0, 0, 0, 0, 0, 0, 19, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 410526041.0
gini = 0.027
samples = 586
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 578, 0, 0, 0
0]
class = PortScan
src2dst_first_seen_ms <= 234417889.5
gini = 0.738
samples = 1999
value = [117, 0, 0, 22, 5, 604, 581, 573, 0, 24, 0, 15
55, 2, 1]
class = DoS Slowhttptest
src2dst_first_seen_ms <= 494961437.5
gini = 0.08
samples = 581
value = [16, 557, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = -0.0
samples = 69
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 69, 0
0]
class = Web Attack - Brute Force
bidirectional_mean_ps <= 1249.442
gini = 0.541
samples = 22
value = [1, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0, 0, 0, 0
10]
class = Heartbleed
src2dst_bytes <= 545.5
gini = 0.007
samples = 562
value = [0, 0, 0, 560, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
src2dst_first_seen_ms <= 401721896.0
gini = 0.766
samples = 21
value = [5, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 6, 4
5]
class = Web Attack - Brute Force
src2dst_last_seen_ms <= 409435033.0
gini = 0.375
samples = 72
value = [54, 0, 0, 0, 0, 0, 0, 0, 0, 0, 18, 0, 0, 0
0]
class = BENIGN
bidirectional_bytes <= 93.0
gini = 0.005
samples = 384
value = [383, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 8
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 578
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 578, 0, 0, 0
0]
class = PortScan
bidirectional_stddev_ps <= 16.754
gini = 0.135
samples = 618
value = [45, 0, 0, 0, 0, 0, 0, 573, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
src2dst_first_seen_ms <= 316952070.5
gini = 0.627
samples = 1381
value = [72, 0, 0, 22, 5, 604, 581, 0, 0, 24, 0, 15, 55
2, 1]
class = DoS Slowhttptest
bidirectional_max_piat_ms <= 2875.5
gini = 0.018
samples = 562
value = [5, 557, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
src2dst_stddev_ps <= 2111.499
gini = 0.488
samples = 19
value = [11, 0, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_max_piat_ms <= 22257.5
gini = 0.165
samples = 11
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
10]
class = Web Attack - XSS
gini = 0.0
samples = 11
value = [0, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0, 0, 0, 0
0]
class = Heartbleed
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = 0.0
samples = 560
value = [0, 0, 0, 560, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_stddev_ps <= 1943.287
gini = 0.245
samples = 7
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 6, 0
0]
class = Web Attack - Brute Force
bidirectional_first_seen_ms <= 404763238.5
gini = 0.663
samples = 14
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4
5]
class = BENIGN
gini = -0.0
samples = 41
value = [41, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_last_seen_ms <= 426362018.5
gini = 0.487
samples = 31
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 18, 0, 0, 0
0]
class = PortScan
src2dst_last_seen_ms <= 466351160.5
gini = 0.056
samples = 35
value = [34, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 349
value = [349, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 188507064.0
gini = 0.003
samples = 574
value = [1, 0, 0, 0, 0, 0, 0, 573, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 44
value = [44, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_first_seen_ms <= 281816953.0
gini = 0.112
samples = 617
value = [19, 0, 0, 0, 0, 2, 581, 0, 0, 0, 0, 15, 0, 0
0]
class = DoS slowloris
bidirectional_first_seen_ms <= 318391070.0
gini = 0.367
samples = 764
value = [53, 0, 0, 22, 5, 602, 0, 0, 0, 24, 0, 0, 55
2, 1]
class = DoS Slowhttptest
gini = -0.0
samples = 557
value = [0, 557, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 5
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 11
value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 8
value = [0, 0, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
gini = -0.0
samples = 10
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
10]
class = Web Attack - XSS
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 6
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6, 0
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0
0]
class = Heartbleed
gini = -0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
5]
class = Web Attack - XSS
bidirectional_ack_packets <= 9.5
gini = 0.494
samples = 9
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4
0]
class = BENIGN
gini = -0.0
samples = 17
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 17, 0, 0, 0
0]
class = PortScan
dst2src_ack_packets <= 0.5
gini = 0.133
samples = 14
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 29
value = [29, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 507510350.5
gini = 0.278
samples = 6
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 573
value = [0, 0, 0, 0, 0, 0, 0, 573, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
dst2src_bytes <= 4723.5
gini = 0.499
samples = 31
value = [16, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 15, 0, 0
0]
class = BENIGN
src2dst_max_ps <= 445.5
gini = 0.017
samples = 586
value = [3, 0, 0, 0, 0, 2, 581, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
src2dst_min_ps <= 63.0
gini = 0.007
samples = 604
value = [2, 0, 0, 0, 0, 602, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
dst2src_min_piat_ms <= 0.5
gini = 0.738
samples = 160
value = [51, 0, 0, 22, 5, 0, 0, 0, 0, 24, 0, 0, 55, 2
1]
class = Web Attack - Brute Force
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4
0]
class = Web Attack - Sql Injection
gini = 0.0
samples = 5
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 13
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 5
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_min_ps <= 63.0
gini = 0.375
samples = 20
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 15, 0, 0
0]
class = SSH-Patator
gini = 0.0
samples = 11
value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 581
value = [0, 0, 0, 0, 0, 0, 581, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
src2dst_last_seen_ms <= 316610228.0
gini = 0.48
samples = 5
value = [3, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 602
value = [0, 0, 0, 0, 0, 602, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
src2dst_last_seen_ms <= 322546773.0
gini = 0.661
samples = 95
value = [45, 0, 0, 22, 5, 0, 0, 0, 0, 23, 0, 0, 0, 0
0]
class = BENIGN
src2dst_ack_packets <= 6.5
gini = 0.274
samples = 65
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 55, 2
1]
class = Web Attack - Brute Force
src2dst_mean_piat_ms <= 0.25
gini = 0.32
samples = 5
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = BENIGN
dst2src_min_piat_ms <= 1.0
gini = 0.124
samples = 15
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 14, 0, 0
0]
class = SSH-Patator
gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
dst2src_first_seen_ms <= 320068367.0
gini = 0.349
samples = 28
value = [1, 0, 0, 22, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
src2dst_psh_packets <= 19.5
gini = 0.451
samples = 67
value = [44, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 0, 0
0]
class = BENIGN
dst2src_stddev_ps <= 616.18
gini = 0.099
samples = 58
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 55, 2
1]
class = Web Attack - Brute Force
dst2src_stddev_ps <= 79.631
gini = 0.245
samples = 7
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = SSH-Patator
gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 13
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0
0]
class = SSH-Patator
src2dst_mean_ps <= 88.0
gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = BENIGN
src2dst_min_piat_ms <= 0.5
gini = 0.278
samples = 6
value = [1, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = 0.0
samples = 22
value = [0, 0, 0, 22, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
src2dst_min_piat_ms <= 158.0
gini = 0.183
samples = 49
value = [44, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 18
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 18, 0, 0, 0, 0
0]
class = Infiltration
gini = 0.0
samples = 55
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 55, 0
0]
class = Web Attack - Brute Force
src2dst_mean_piat_ms <= 23.0
gini = 0.444
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2
1]
class = Web Attack - Sql Injection
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0
0]
class = Infiltration
gini = 0.0
samples = 6
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = SSH-Patator
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 5
value = [0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_mean_ps <= 361.562
gini = 0.083
samples = 46
value = [44, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0
0]
class = Infiltration
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2
0]
class = Web Attack - Sql Injection
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
1]
class = Web Attack - XSS
gini = -0.0
samples = 37
value = [37, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_max_piat_ms <= 381.5
gini = 0.346
samples = 9
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0
0]
class = Infiltration