dst2src_first_seen_ms <= 509458174.5
gini = 0.905
samples = 6087
value = [598, 595, 599, 548, 609, 587, 591, 571, 7, 21, 611
606, 116, 9, 19]
class = PortScan
True
False
dst2src_stddev_ps <= 878.367
gini = 0.895
samples = 5481
value = [591, 595, 0, 548, 609, 587, 591, 571, 7, 21, 611
606, 116, 9, 19]
class = PortScan
bidirectional_stddev_ps <= 839.651
gini = 0.023
samples = 606
value = [7, 0, 599, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
dst2src_psh_packets <= 13.5
gini = 0.868
samples = 4328
value = [584, 595, 0, 24, 7, 584, 591, 571, 7, 21, 611
606, 111, 0, 16]
class = PortScan
dst2src_max_piat_ms <= 1870.5
gini = 0.521
samples = 1153
value = [7, 0, 0, 524, 602, 3, 0, 0, 0, 0, 0, 0, 5, 9
3]
class = DoS Hulk
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 = 599
value = [0, 0, 599, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
src2dst_psh_packets <= 0.5
gini = 0.844
samples = 3653
value = [581, 595, 0, 24, 7, 584, 591, 571, 0, 21, 611
11, 57, 0, 0]
class = PortScan
bidirectional_bytes <= 29347.0
gini = 0.216
samples = 675
value = [3, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 595, 54, 0
16]
class = SSH-Patator
dst2src_fin_packets <= 0.5
gini = 0.016
samples = 607
value = [3, 0, 0, 0, 602, 0, 0, 0, 0, 0, 0, 0, 1, 1
0]
class = DoS Hulk
dst2src_last_seen_ms <= 360375287.0
gini = 0.079
samples = 546
value = [4, 0, 0, 524, 0, 3, 0, 0, 0, 0, 0, 0, 4, 8
3]
class = DoS GoldenEye
src2dst_syn_packets <= 0.5
gini = 0.491
samples = 1075
value = [464, 0, 0, 0, 0, 0, 0, 0, 0, 0, 611, 0, 0, 0
0]
class = PortScan
dst2src_first_seen_ms <= 457267197.5
gini = 0.791
samples = 2578
value = [117, 595, 0, 24, 7, 584, 591, 571, 0, 21, 0, 11
57, 0, 0]
class = Bot
gini = -0.0
samples = 595
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 595, 0, 0
0]
class = SSH-Patator
bidirectional_max_ps <= 1535.0
gini = 0.495
samples = 80
value = [3, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 54, 0
16]
class = Web Attack - Brute Force
src2dst_first_seen_ms <= 404945961.0
gini = 0.56
samples = 5
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1
0]
class = BENIGN
gini = 0.0
samples = 602
value = [0, 0, 0, 0, 602, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
bidirectional_first_seen_ms <= 318780657.0
gini = 0.022
samples = 530
value = [3, 0, 0, 524, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
src2dst_psh_packets <= 1.5
gini = 0.648
samples = 16
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 8
3]
class = Web Attack - Sql Injection
src2dst_bytes <= 62.5
gini = 0.099
samples = 481
value = [456, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0
0]
class = BENIGN
bidirectional_mean_piat_ms <= 26.5
gini = 0.027
samples = 594
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 586, 0, 0, 0
0]
class = PortScan
src2dst_last_seen_ms <= 234663953.5
gini = 0.734
samples = 1971
value = [105, 0, 0, 24, 7, 584, 591, 571, 0, 21, 0, 11
57, 0, 0]
class = DoS slowloris
bidirectional_duration_ms <= 1129.5
gini = 0.039
samples = 607
value = [12, 595, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 54
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 54, 0
0]
class = Web Attack - Brute Force
dst2src_mean_ps <= 1527.97
gini = 0.536
samples = 26
value = [3, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0
16]
class = Web Attack - XSS
bidirectional_first_seen_ms <= 399768738.0
gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_mean_ps <= 187.283
gini = 0.5
samples = 6
value = [3, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 524
value = [0, 0, 0, 524, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8
0]
class = Web Attack - Sql Injection
src2dst_last_seen_ms <= 401667772.5
gini = 0.594
samples = 8
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0
3]
class = Web Attack - Brute Force
src2dst_last_seen_ms <= 409435033.0
gini = 0.407
samples = 81
value = [58, 0, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 0
0]
class = BENIGN
bidirectional_packets <= 1.5
gini = 0.01
samples = 400
value = [398, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = BENIGN
bidirectional_max_piat_ms <= 0.5
gini = 0.003
samples = 587
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 586, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_stddev_ps <= 16.309
gini = 0.117
samples = 609
value = [38, 0, 0, 0, 0, 0, 0, 571, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
src2dst_first_seen_ms <= 316769905.0
gini = 0.623
samples = 1362
value = [67, 0, 0, 24, 7, 584, 591, 0, 0, 21, 0, 11, 57
0, 0]
class = DoS slowloris
src2dst_ack_packets <= 2.0
gini = 0.003
samples = 595
value = [1, 594, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
dst2src_psh_packets <= 1.5
gini = 0.153
samples = 12
value = [11, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_stddev_ps <= 1528.023
gini = 0.42
samples = 10
value = [3, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0
0]
class = Heartbleed
gini = 0.0
samples = 16
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
16]
class = Web Attack - XSS
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1
0]
class = Web Attack - Sql Injection
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 = 3
value = [0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0
0]
class = Web Attack - Brute Force
bidirectional_first_seen_ms <= 403390373.0
gini = 0.375
samples = 4
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
3]
class = Web Attack - XSS
gini = -0.0
samples = 45
value = [45, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_last_seen_ms <= 426362018.5
gini = 0.461
samples = 36
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 0
0]
class = PortScan
bidirectional_first_seen_ms <= 466351160.5
gini = 0.219
samples = 16
value = [14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 384
value = [384, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 560
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 560, 0, 0, 0
0]
class = PortScan
src2dst_first_seen_ms <= 502519294.0
gini = 0.071
samples = 27
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 26, 0, 0, 0
0]
class = PortScan
bidirectional_bytes <= 112.5
gini = 0.01
samples = 574
value = [3, 0, 0, 0, 0, 0, 0, 571, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 35
value = [35, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_last_seen_ms <= 281820097.0
gini = 0.073
samples = 614
value = [8, 0, 0, 0, 0, 4, 591, 0, 0, 0, 0, 11, 0, 0
0]
class = DoS slowloris
bidirectional_last_seen_ms <= 318397604.5
gini = 0.385
samples = 748
value = [59, 0, 0, 24, 7, 580, 0, 0, 0, 21, 0, 0, 57
0, 0]
class = DoS Slowhttptest
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 = 594
value = [0, 594, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
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 = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 7
value = [0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0
0]
class = Heartbleed
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
3]
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 = 22
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 0
0]
class = PortScan
bidirectional_rst_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 = 13
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_last_seen_ms <= 507377489.0
gini = 0.444
samples = 3
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = PortScan
dst2src_last_seen_ms <= 422844321.0
gini = 0.375
samples = 4
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 23
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 0
0]
class = PortScan
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 = 571
value = [0, 0, 0, 0, 0, 0, 0, 571, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
bidirectional_stddev_ps <= 403.153
gini = 0.488
samples = 19
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0
0]
class = SSH-Patator
bidirectional_stddev_ps <= 174.909
gini = 0.013
samples = 595
value = [0, 0, 0, 0, 0, 4, 591, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
dst2src_mean_ps <= 30.0
gini = 0.01
samples = 583
value = [3, 0, 0, 0, 0, 580, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
bidirectional_bytes <= 1532.5
gini = 0.735
samples = 165
value = [56, 0, 0, 24, 7, 0, 0, 0, 0, 21, 0, 0, 57, 0
0]
class = Web Attack - Brute Force
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 = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = PortScan
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 = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_stddev_ps <= 223.78
gini = 0.153
samples = 12
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0
0]
class = SSH-Patator
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 = 591
value = [0, 0, 0, 0, 0, 0, 591, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_bytes <= 632.0
gini = 0.003
samples = 581
value = [1, 0, 0, 0, 0, 580, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
bidirectional_bytes <= 978.5
gini = 0.397
samples = 71
value = [2, 0, 0, 15, 0, 0, 0, 0, 0, 1, 0, 0, 53, 0
0]
class = Web Attack - Brute Force
dst2src_mean_ps <= 70.749
gini = 0.614
samples = 94
value = [54, 0, 0, 9, 7, 0, 0, 0, 0, 20, 0, 0, 4, 0
0]
class = BENIGN
gini = -0.0
samples = 11
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 11, 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 = 580
value = [0, 0, 0, 0, 0, 580, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_ack_packets <= 1.5
gini = 0.29
samples = 18
value = [2, 0, 0, 15, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 53
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 53, 0
0]
class = Web Attack - Brute Force
bidirectional_first_seen_ms <= 414598403.5
gini = 0.091
samples = 21
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 20, 0, 0, 0, 0
0]
class = Infiltration
src2dst_packets <= 7.5
gini = 0.456
samples = 73
value = [53, 0, 0, 9, 7, 0, 0, 0, 0, 0, 0, 0, 4, 0
0]
class = BENIGN
gini = 0.0
samples = 15
value = [0, 0, 0, 15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_stddev_ps <= 21.92
gini = 0.444
samples = 3
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 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 = 20
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 20, 0, 0, 0, 0
0]
class = Infiltration
src2dst_bytes <= 7898.0
gini = 0.813
samples = 25
value = [5, 0, 0, 9, 7, 0, 0, 0, 0, 0, 0, 0, 4, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 48
value = [48, 0, 0, 0, 0, 0, 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 = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0
0]
class = Infiltration
bidirectional_mean_piat_ms <= 226.327
gini = 0.79
samples = 18
value = [5, 0, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 7
value = [0, 0, 0, 0, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = -0.0
samples = 5
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_mean_ps <= 301.702
gini = 0.746
samples = 13
value = [0, 0, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0
0]
class = Web Attack - Brute Force
gini = 0.667
samples = 9
value = [0, 0, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye