bidirectional_bytes <= 136.0
gini = 0.906
samples = 6086
value = [569, 579, 597, 600, 581, 613, 591, 582, 10, 23
600, 577, 130, 10, 24]
class = DoS Slowhttptest
True
False
src2dst_last_seen_ms <= 409707900.0
gini = 0.01
samples = 598
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 595, 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 = 595
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 595, 0, 0, 0
0]
class = PortScan
dst2src_last_seen_ms <= 509414068.0
gini = 0.896
samples = 5488
value = [566, 579, 597, 600, 581, 613, 591, 582, 10, 23, 5
577, 130, 10, 24]
class = DoS Slowhttptest
dst2src_rst_packets <= 1.5
gini = 0.884
samples = 4878
value = [553, 579, 0, 600, 581, 613, 591, 582, 10, 23, 5
577, 130, 10, 24]
class = DoS Slowhttptest
dst2src_stddev_ps <= 1253.674
gini = 0.869
samples = 4292
value = [549, 579, 0, 600, 576, 613, 591, 6, 10, 23, 5
576, 130, 10, 24]
class = DoS Slowhttptest
dst2src_psh_packets <= 14.5
gini = 0.83
samples = 3171
value = [545, 579, 0, 65, 2, 611, 591, 6, 9, 23, 5, 576
127, 10, 22]
class = DoS Slowhttptest
bidirectional_last_seen_ms <= 457968050.0
gini = 0.783
samples = 2501
value = [534, 579, 0, 65, 2, 611, 591, 6, 0, 23, 5, 1
74, 10, 0]
class = DoS Slowhttptest
dst2src_first_seen_ms <= 316769519.0
gini = 0.721
samples = 1835
value = [452, 0, 0, 65, 2, 611, 591, 6, 0, 23, 0, 1, 74
10, 0]
class = DoS Slowhttptest
bidirectional_first_seen_ms <= 284460423.5
gini = 0.425
samples = 845
value = [247, 0, 0, 0, 0, 0, 591, 6, 0, 0, 0, 1, 0, 0
0]
class = DoS slowloris
src2dst_psh_packets <= 6.5
gini = 0.055
samples = 249
value = [242, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 1, 0, 0
0]
class = BENIGN
bidirectional_mean_ps <= 80.472
gini = 0.016
samples = 242
value = [240, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_max_ps <= 78.0
gini = 0.346
samples = 9
value = [7, 0, 0, 0, 0, 0, 0, 2, 0, 0, 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, 2, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 233
value = [233, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_mean_ps <= 127.938
gini = 0.571
samples = 7
value = [2, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 1, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
src2dst_duration_ms <= 9469.0
gini = 0.444
samples = 3
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_min_ps <= 78.5
gini = 0.017
samples = 596
value = [5, 0, 0, 0, 0, 0, 591, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
dst2src_packets <= 5.5
gini = 0.007
samples = 593
value = [2, 0, 0, 0, 0, 0, 591, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
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 = 2
value = [2, 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
dst2src_last_seen_ms <= 318253567.0
gini = 0.565
samples = 990
value = [205, 0, 0, 65, 2, 611, 0, 0, 0, 23, 0, 0, 74
10, 0]
class = DoS Slowhttptest
src2dst_ack_packets <= 0.5
gini = 0.016
samples = 612
value = [5, 0, 0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_packets <= 6.0
gini = 0.003
samples = 608
value = [1, 0, 0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = -0.0
samples = 607
value = [0, 0, 0, 0, 0, 607, 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_mean_ps <= 134.208
gini = 0.644
samples = 378
value = [200, 0, 0, 65, 2, 4, 0, 0, 0, 23, 0, 0, 74
10, 0]
class = BENIGN
dst2src_mean_ps <= 728.611
gini = 0.114
samples = 182
value = [171, 0, 0, 10, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_stddev_ps <= 741.2
gini = 0.012
samples = 164
value = [163, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 163
value = [163, 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, 1, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
src2dst_bytes <= 968.5
gini = 0.494
samples = 18
value = [8, 0, 0, 10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = -0.0
samples = 10
value = [0, 0, 0, 10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 8
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_mean_ps <= 167.775
gini = 0.754
samples = 196
value = [29, 0, 0, 55, 2, 3, 0, 0, 0, 23, 0, 0, 74
10, 0]
class = Web Attack - Brute Force
dst2src_stddev_piat_ms <= 3386.801
gini = 0.059
samples = 66
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 64, 0
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 64
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 64, 0
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 325227163.0
gini = 0.728
samples = 130
value = [27, 0, 0, 55, 2, 3, 0, 0, 0, 23, 0, 0, 10
10, 0]
class = DoS GoldenEye
src2dst_first_seen_ms <= 319819914.5
gini = 0.209
samples = 62
value = [2, 0, 0, 55, 2, 3, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_mean_piat_ms <= 981.326
gini = 0.611
samples = 6
value = [1, 0, 0, 0, 2, 3, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
dst2src_mean_piat_ms <= 0.0
gini = 0.444
samples = 3
value = [1, 0, 0, 0, 2, 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
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 = 3
value = [0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
src2dst_min_ps <= 63.0
gini = 0.035
samples = 56
value = [1, 0, 0, 55, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
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 = 55
value = [0, 0, 0, 55, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
dst2src_mean_ps <= 120.71
gini = 0.688
samples = 68
value = [25, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 10, 10
0]
class = BENIGN
gini = 0.0
samples = 23
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 0, 0
0]
class = Infiltration
src2dst_packets <= 9.0
gini = 0.549
samples = 45
value = [25, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 10, 10
0]
class = BENIGN
bidirectional_first_seen_ms <= 404378356.0
gini = 0.643
samples = 19
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 9, 10
0]
class = Web Attack - Sql Injection
gini = 0.642
samples = 9
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 9, 0
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 10
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 10
0]
class = Web Attack - Sql Injection
src2dst_psh_packets <= 12.0
gini = 0.074
samples = 26
value = [25, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0
0]
class = BENIGN
gini = -0.0
samples = 25
value = [25, 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, 0, 1, 0
0]
class = Web Attack - Brute Force
dst2src_mean_ps <= 95.5
gini = 0.229
samples = 666
value = [82, 579, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0
0]
class = Bot
src2dst_mean_ps <= 89.868
gini = 0.056
samples = 596
value = [12, 579, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0
0]
class = Bot
src2dst_rst_packets <= 0.5
gini = 0.43
samples = 16
value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 10
value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_fin_packets <= 0.5
gini = 0.278
samples = 6
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0
0]
class = PortScan
gini = -0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 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
bidirectional_bytes <= 569.5
gini = 0.003
samples = 580
value = [1, 579, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
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 = 579
value = [0, 579, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 70
value = [70, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_duration_ms <= 22356.5
gini = 0.256
samples = 670
value = [11, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 575, 53, 0
22]
class = SSH-Patator
gini = -0.0
samples = 575
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 575, 0, 0
0]
class = SSH-Patator
bidirectional_max_ps <= 1535.0
gini = 0.613
samples = 95
value = [11, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 0, 53, 0
22]
class = Web Attack - Brute Force
bidirectional_max_piat_ms <= 22125.5
gini = 0.07
samples = 55
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 53, 0
0]
class = Web Attack - Brute Force
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
gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_last_seen_ms <= 369737539.0
gini = 0.596
samples = 40
value = [9, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 0, 0, 0
22]
class = Web Attack - XSS
dst2src_psh_packets <= 85.5
gini = 0.498
samples = 17
value = [8, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 0, 0, 0
0]
class = Heartbleed
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 = 9
value = [0, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 0, 0, 0
0]
class = Heartbleed
bidirectional_bytes <= 138034.5
gini = 0.083
samples = 23
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
22]
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, 0, 0, 0, 0
22]
class = Web Attack - XSS
dst2src_first_seen_ms <= 319927500.5
gini = 0.51
samples = 1121
value = [4, 0, 0, 535, 574, 2, 0, 0, 1, 0, 0, 0, 3, 0
2]
class = DoS Hulk
src2dst_last_seen_ms <= 318383749.5
gini = 0.017
samples = 579
value = [3, 0, 0, 0, 574, 2, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
src2dst_last_seen_ms <= 247254078.0
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 = 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
gini = 0.0
samples = 574
value = [0, 0, 0, 0, 574, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
bidirectional_first_seen_ms <= 327776278.0
gini = 0.026
samples = 542
value = [1, 0, 0, 535, 0, 0, 0, 0, 1, 0, 0, 0, 3, 0
2]
class = DoS GoldenEye
gini = -0.0
samples = 535
value = [0, 0, 0, 535, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_last_seen_ms <= 401680041.5
gini = 0.694
samples = 7
value = [1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 3, 0
2]
class = Web Attack - Brute Force
dst2src_first_seen_ms <= 334749346.0
gini = 0.375
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 3, 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 = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0
0]
class = Web Attack - Brute Force
src2dst_duration_ms <= 4021.0
gini = 0.444
samples = 3
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
2]
class = Web Attack - XSS
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
2]
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
dst2src_last_seen_ms <= 238919920.0
gini = 0.034
samples = 586
value = [4, 0, 0, 0, 5, 0, 0, 576, 0, 0, 0, 1, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 576
value = [0, 0, 0, 0, 0, 0, 0, 576, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
dst2src_stddev_piat_ms <= 16.955
gini = 0.58
samples = 10
value = [4, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = DoS Hulk
src2dst_first_seen_ms <= 247037296.0
gini = 0.32
samples = 5
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = 5
value = [0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
dst2src_min_ps <= 63.0
gini = 0.042
samples = 610
value = [13, 0, 597, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
gini = -0.0
samples = 597
value = [0, 0, 597, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
gini = 0.0
samples = 13
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN