dst2src_stddev_ps <= 878.367
gini = 0.905
samples = 6087
value = [583, 580, 572, 649, 604, 560, 571, 588, 10, 25
584, 616, 119, 11, 15]
class = DoS GoldenEye
True
False
dst2src_psh_packets <= 14.0
gini = 0.87
samples = 4275
value = [572, 580, 5, 28, 8, 560, 571, 588, 5, 25, 584
616, 113, 5, 15]
class = SSH-Patator
dst2src_mean_piat_ms <= 798.75
gini = 0.676
samples = 1812
value = [11, 0, 567, 621, 596, 0, 0, 0, 5, 0, 0, 0, 6
6, 0]
class = DoS GoldenEye
src2dst_psh_packets <= 0.5
gini = 0.845
samples = 3586
value = [567, 580, 5, 28, 8, 560, 571, 588, 0, 25, 584
12, 51, 5, 2]
class = FTP-Patator
bidirectional_max_ps <= 1087.5
gini = 0.223
samples = 689
value = [5, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 604, 62, 0
13]
class = SSH-Patator
src2dst_first_seen_ms <= 457589036.0
gini = 0.511
samples = 1176
value = [3, 0, 567, 0, 596, 0, 0, 0, 5, 0, 0, 0, 4, 1
0]
class = DoS Hulk
dst2src_psh_packets <= 3.0
gini = 0.046
samples = 636
value = [8, 0, 0, 621, 0, 0, 0, 0, 0, 0, 0, 0, 2, 5
0]
class = DoS GoldenEye
src2dst_syn_packets <= 0.5
gini = 0.491
samples = 1030
value = [446, 0, 0, 0, 0, 0, 0, 0, 0, 0, 584, 0, 0, 0
0]
class = PortScan
dst2src_last_seen_ms <= 456207891.0
gini = 0.795
samples = 2556
value = [121, 580, 5, 28, 8, 560, 571, 588, 0, 25, 0, 12
51, 5, 2]
class = FTP-Patator
gini = -0.0
samples = 604
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 604, 0, 0
0]
class = SSH-Patator
bidirectional_max_ps <= 1309.5
gini = 0.438
samples = 85
value = [5, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 62, 0
13]
class = Web Attack - Brute Force
dst2src_fin_packets <= 0.5
gini = 0.042
samples = 609
value = [3, 0, 0, 0, 596, 0, 0, 0, 5, 0, 0, 0, 4, 1
0]
class = DoS Hulk
gini = 0.0
samples = 567
value = [0, 0, 567, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
dst2src_first_seen_ms <= 362888053.0
gini = 0.016
samples = 626
value = [0, 0, 0, 621, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5
0]
class = DoS GoldenEye
dst2src_psh_packets <= 11.5
gini = 0.32
samples = 10
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0
0]
class = BENIGN
src2dst_bytes <= 62.5
gini = 0.092
samples = 456
value = [434, 0, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 0
0]
class = BENIGN
bidirectional_max_piat_ms <= 26.5
gini = 0.041
samples = 574
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 562, 0, 0, 0
0]
class = PortScan
bidirectional_first_seen_ms <= 236911440.5
gini = 0.738
samples = 1956
value = [106, 0, 0, 28, 8, 560, 571, 588, 0, 25, 0, 12
51, 5, 2]
class = FTP-Patator
bidirectional_first_seen_ms <= 493874141.0
gini = 0.065
samples = 600
value = [15, 580, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 62
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 62, 0
0]
class = Web Attack - Brute Force
dst2src_mean_ps <= 1527.97
gini = 0.586
samples = 23
value = [5, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 0, 0
13]
class = Web Attack - XSS
src2dst_psh_packets <= 79.0
gini = 0.645
samples = 11
value = [1, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 4, 1
0]
class = Heartbleed
bidirectional_min_ps <= 63.0
gini = 0.007
samples = 598
value = [2, 0, 0, 0, 596, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = -0.0
samples = 621
value = [0, 0, 0, 621, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5
0]
class = Web Attack - Sql Injection
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 = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0
0]
class = Web Attack - Brute Force
src2dst_last_seen_ms <= 406993790.5
gini = 0.403
samples = 68
value = [49, 0, 0, 0, 0, 0, 0, 0, 0, 0, 19, 0, 0, 0
0]
class = BENIGN
bidirectional_max_ps <= 1499.0
gini = 0.015
samples = 388
value = [385, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0
0]
class = BENIGN
bidirectional_mean_piat_ms <= 0.667
gini = 0.007
samples = 564
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 562, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 10
value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_stddev_ps <= 16.871
gini = 0.122
samples = 629
value = [41, 0, 0, 0, 0, 0, 0, 588, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
src2dst_first_seen_ms <= 316952070.5
gini = 0.632
samples = 1327
value = [65, 0, 0, 28, 8, 560, 571, 0, 0, 25, 0, 12, 51
5, 2]
class = DoS slowloris
bidirectional_ack_packets <= 5.0
gini = 0.003
samples = 581
value = [1, 580, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
src2dst_bytes <= 8930.5
gini = 0.388
samples = 19
value = [14, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_max_ps <= 10008.0
gini = 0.5
samples = 10
value = [5, 0, 0, 0, 0, 0, 0, 0, 5, 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, 0, 0, 0
13]
class = Web Attack - XSS
src2dst_stddev_piat_ms <= 2032.506
gini = 0.5
samples = 6
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 1
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 0, 0
0]
class = Heartbleed
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 = 596
value = [0, 0, 0, 0, 596, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = -0.0
samples = 40
value = [40, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_last_seen_ms <= 424928395.0
gini = 0.436
samples = 28
value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 19, 0, 0, 0
0]
class = PortScan
bidirectional_bytes <= 85.0
gini = 0.01
samples = 382
value = [380, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = BENIGN
bidirectional_ack_packets <= 1.5
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 = 541
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 541, 0, 0, 0
0]
class = PortScan
src2dst_last_seen_ms <= 502514501.5
gini = 0.159
samples = 23
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 21, 0, 0, 0
0]
class = PortScan
bidirectional_last_seen_ms <= 188507064.0
gini = 0.007
samples = 590
value = [2, 0, 0, 0, 0, 0, 0, 588, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 39
value = [39, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_first_seen_ms <= 281816949.0
gini = 0.096
samples = 601
value = [13, 0, 0, 0, 0, 5, 571, 0, 0, 0, 0, 12, 0, 0
0]
class = DoS slowloris
src2dst_last_seen_ms <= 318391828.0
gini = 0.403
samples = 726
value = [52, 0, 0, 28, 8, 555, 0, 0, 0, 25, 0, 0, 51
5, 2]
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 = 580
value = [0, 580, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 14
value = [14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 5
value = [0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
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 = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 0, 0
0]
class = Heartbleed
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
src2dst_mean_ps <= 82.733
gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1
0]
class = BENIGN
gini = 0.0
samples = 19
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 19, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 9
value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 497688353.0
gini = 0.137
samples = 27
value = [25, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 355
value = [355, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
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 = 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 = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 21
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 21, 0, 0, 0
0]
class = PortScan
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 = 588
value = [0, 0, 0, 0, 0, 0, 0, 588, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
src2dst_mean_ps <= 141.714
gini = 0.5
samples = 24
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 0, 0
0]
class = BENIGN
src2dst_max_ps <= 445.5
gini = 0.021
samples = 577
value = [1, 0, 0, 0, 0, 5, 571, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
src2dst_min_ps <= 63.0
gini = 0.011
samples = 558
value = [3, 0, 0, 0, 0, 555, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
dst2src_min_piat_ms <= 0.5
gini = 0.77
samples = 168
value = [49, 0, 0, 28, 8, 0, 0, 0, 0, 25, 0, 0, 51, 5
2]
class = Web Attack - Brute Force
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 = 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 = 23
value = [23, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_last_seen_ms <= 507377489.0
gini = 0.5
samples = 4
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = BENIGN
bidirectional_mean_piat_ms <= 0.25
gini = 0.153
samples = 12
value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = BENIGN
src2dst_duration_ms <= 33695.0
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 = 571
value = [0, 0, 0, 0, 0, 0, 571, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
bidirectional_mean_ps <= 230.373
gini = 0.278
samples = 6
value = [1, 0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
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 = 555
value = [0, 0, 0, 0, 0, 555, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
src2dst_mean_ps <= 238.321
gini = 0.694
samples = 102
value = [42, 0, 0, 28, 8, 0, 0, 0, 0, 24, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_bytes <= 2254.5
gini = 0.385
samples = 66
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 51, 5
2]
class = Web Attack - Brute Force
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 = 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, 0, 0, 1, 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 = 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 = 5
value = [0, 0, 0, 0, 0, 5, 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_min_piat_ms <= 2023.0
gini = 0.172
samples = 43
value = [39, 0, 0, 1, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 414598403.5
gini = 0.643
samples = 59
value = [3, 0, 0, 27, 8, 0, 0, 0, 0, 21, 0, 0, 0, 0
0]
class = DoS GoldenEye
src2dst_duration_ms <= 48.5
gini = 0.073
samples = 53
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 51, 1
1]
class = Web Attack - Brute Force
src2dst_stddev_ps <= 216.859
gini = 0.604
samples = 13
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 4
1]
class = BENIGN
dst2src_fin_packets <= 0.5
gini = 0.135
samples = 42
value = [39, 0, 0, 1, 0, 0, 0, 0, 0, 2, 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
src2dst_mean_ps <= 1299.917
gini = 0.418
samples = 37
value = [2, 0, 0, 27, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
dst2src_stddev_ps <= 327.244
gini = 0.087
samples = 22
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 21, 0, 0, 0, 0
0]
class = Infiltration
bidirectional_last_seen_ms <= 404559427.0
gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1
1]
class = Web Attack - Sql Injection
gini = 0.0
samples = 51
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 51, 0
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_bytes <= 1297.0
gini = 0.5
samples = 6
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 4
1]
class = Web Attack - Sql Injection
gini = -0.0
samples = 34
value = [34, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_mean_piat_ms <= 2859.533
gini = 0.531
samples = 8
value = [5, 0, 0, 1, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_mean_ps <= 203.75
gini = 0.069
samples = 28
value = [1, 0, 0, 27, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_max_ps <= 3671.0
gini = 0.198
samples = 9
value = [1, 0, 0, 0, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = 0.0
samples = 21
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 21, 0, 0, 0, 0
0]
class = Infiltration
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 = 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 = 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 = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4
0]
class = Web Attack - Sql Injection
dst2src_syn_packets <= 0.0
gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0
1]
class = Infiltration
dst2src_first_seen_ms <= 324152060.0
gini = 0.278
samples = 6
value = [5, 0, 0, 1, 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
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 = 27
value = [0, 0, 0, 27, 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 = 8
value = [0, 0, 0, 0, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
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 = 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 = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 5
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN