dst2src_first_seen_ms <= 509284562.0
gini = 0.905
samples = 6087
value = [594, 618, 588, 608, 623, 610, 573, 582, 10, 26
555, 559, 105, 10, 26]
class = DoS Hulk
True
False
dst2src_stddev_ps <= 934.366
gini = 0.895
samples = 5492
value = [587, 618, 0, 608, 623, 610, 573, 582, 10, 26, 555
559, 105, 10, 26]
class = DoS Hulk
bidirectional_last_seen_ms <= 413273417.0
gini = 0.869
samples = 4269
value = [578, 618, 0, 29, 4, 610, 573, 582, 8, 26, 555
559, 102, 5, 20]
class = Bot
src2dst_max_ps <= 702.5
gini = 0.819
samples = 2926
value = [430, 0, 0, 29, 4, 610, 573, 582, 8, 0, 4, 559
102, 5, 20]
class = DoS Slowhttptest
src2dst_last_seen_ms <= 234359046.0
gini = 0.776
samples = 2327
value = [403, 0, 0, 27, 0, 610, 573, 582, 0, 0, 4, 1
102, 5, 20]
class = DoS Slowhttptest
bidirectional_first_seen_ms <= 197035512.0
gini = 0.327
samples = 733
value = [151, 0, 0, 0, 0, 0, 0, 582, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
bidirectional_last_seen_ms <= 197027158.0
gini = 0.017
samples = 119
value = [118, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 118
value = [118, 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, 1, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
bidirectional_mean_ps <= 81.938
gini = 0.102
samples = 614
value = [33, 0, 0, 0, 0, 0, 0, 581, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
src2dst_psh_packets <= 0.5
gini = 0.027
samples = 589
value = [8, 0, 0, 0, 0, 0, 0, 581, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
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 = 581
value = [0, 0, 0, 0, 0, 0, 0, 581, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 25
value = [25, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 316952070.5
gini = 0.695
samples = 1594
value = [252, 0, 0, 27, 0, 610, 573, 0, 0, 0, 4, 1, 102
5, 20]
class = DoS Slowhttptest
bidirectional_psh_packets <= 0.5
gini = 0.2
samples = 645
value = [67, 0, 0, 0, 0, 4, 573, 0, 0, 0, 0, 1, 0, 0
0]
class = DoS slowloris
gini = 0.0
samples = 63
value = [63, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_max_ps <= 445.5
gini = 0.031
samples = 582
value = [4, 0, 0, 0, 0, 4, 573, 0, 0, 0, 0, 1, 0, 0
0]
class = DoS slowloris
dst2src_first_seen_ms <= 284050243.0
gini = 0.01
samples = 576
value = [2, 0, 0, 0, 0, 0, 573, 0, 0, 0, 0, 1, 0, 0
0]
class = DoS slowloris
bidirectional_stddev_piat_ms <= 0.0
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
gini = 0.0
samples = 573
value = [0, 0, 0, 0, 0, 0, 573, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
dst2src_max_piat_ms <= 27.5
gini = 0.444
samples = 6
value = [2, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
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
src2dst_first_seen_ms <= 318333814.0
gini = 0.541
samples = 949
value = [185, 0, 0, 27, 0, 606, 0, 0, 0, 0, 4, 0, 102
5, 20]
class = DoS Slowhttptest
bidirectional_psh_packets <= 0.5
gini = 0.044
samples = 620
value = [14, 0, 0, 0, 0, 606, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 12
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_min_ps <= 63.0
gini = 0.007
samples = 608
value = [2, 0, 0, 0, 0, 606, 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
gini = 0.0
samples = 606
value = [0, 0, 0, 0, 0, 606, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
src2dst_mean_ps <= 147.125
gini = 0.623
samples = 329
value = [171, 0, 0, 27, 0, 0, 0, 0, 0, 0, 4, 0, 102
5, 20]
class = BENIGN
bidirectional_bytes <= 63.0
gini = 0.057
samples = 171
value = [166, 0, 0, 1, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 405021996.5
gini = 0.444
samples = 12
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 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 = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0
0]
class = PortScan
bidirectional_mean_ps <= 407.096
gini = 0.012
samples = 159
value = [158, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 158
value = [158, 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, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
src2dst_mean_ps <= 292.045
gini = 0.538
samples = 158
value = [5, 0, 0, 26, 0, 0, 0, 0, 0, 0, 0, 0, 102, 5
20]
class = Web Attack - Brute Force
src2dst_mean_piat_ms <= 25.833
gini = 0.209
samples = 115
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 102, 5
5]
class = Web Attack - Brute Force
bidirectional_mean_piat_ms <= 567.536
gini = 0.653
samples = 12
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5
4]
class = Web Attack - Sql Injection
src2dst_stddev_piat_ms <= 2.754
gini = 0.49
samples = 7
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
4]
class = Web Attack - XSS
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 = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
4]
class = Web Attack - XSS
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
bidirectional_stddev_ps <= 551.47
gini = 0.019
samples = 103
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 102, 0
1]
class = Web Attack - Brute Force
gini = -0.0
samples = 102
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 102, 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, 0
1]
class = Web Attack - XSS
src2dst_first_seen_ms <= 327750104.0
gini = 0.511
samples = 43
value = [2, 0, 0, 26, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
15]
class = DoS GoldenEye
gini = -0.0
samples = 26
value = [0, 0, 0, 26, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_mean_ps <= 502.913
gini = 0.208
samples = 17
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
15]
class = Web Attack - XSS
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 = 15
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
15]
class = Web Attack - XSS
src2dst_max_ps <= 725.5
gini = 0.13
samples = 599
value = [27, 0, 0, 2, 4, 0, 0, 0, 8, 0, 0, 558, 0, 0
0]
class = SSH-Patator
gini = 0.0
samples = 558
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 558, 0, 0
0]
class = SSH-Patator
bidirectional_max_ps <= 5134.0
gini = 0.516
samples = 41
value = [27, 0, 0, 2, 4, 0, 0, 0, 8, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_syn_packets <= 1.5
gini = 0.128
samples = 29
value = [27, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 27
value = [27, 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, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_max_piat_ms <= 565.5
gini = 0.444
samples = 12
value = [0, 0, 0, 0, 4, 0, 0, 0, 8, 0, 0, 0, 0, 0
0]
class = Heartbleed
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = 0.0
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0, 0, 0
0]
class = Heartbleed
src2dst_fin_packets <= 0.5
gini = 0.607
samples = 1343
value = [148, 618, 0, 0, 0, 0, 0, 0, 0, 26, 551, 0, 0
0, 0]
class = Bot
bidirectional_bytes <= 147.0
gini = 0.344
samples = 697
value = [120, 0, 0, 0, 0, 0, 0, 0, 0, 26, 551, 0, 0
0, 0]
class = PortScan
bidirectional_syn_packets <= 0.5
gini = 0.068
samples = 566
value = [20, 0, 0, 0, 0, 0, 0, 0, 0, 0, 546, 0, 0, 0
0]
class = PortScan
bidirectional_first_seen_ms <= 420273872.0
gini = 0.49
samples = 35
value = [20, 0, 0, 0, 0, 0, 0, 0, 0, 0, 15, 0, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 11
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0, 0
0]
class = PortScan
bidirectional_ack_packets <= 1.5
gini = 0.278
samples = 24
value = [20, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 502727500.5
gini = 0.172
samples = 21
value = [19, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 14
value = [14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 507568680.5
gini = 0.408
samples = 7
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = BENIGN
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 = 5
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_last_seen_ms <= 427807233.0
gini = 0.444
samples = 3
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 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 = 531
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 531, 0, 0, 0
0]
class = PortScan
bidirectional_first_seen_ms <= 455114839.0
gini = 0.376
samples = 131
value = [100, 0, 0, 0, 0, 0, 0, 0, 0, 26, 5, 0, 0, 0
0]
class = BENIGN
dst2src_mean_ps <= 114.75
gini = 0.516
samples = 42
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 26, 3, 0, 0, 0
0]
class = Infiltration
bidirectional_packets <= 2.5
gini = 0.185
samples = 29
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 26, 3, 0, 0, 0
0]
class = Infiltration
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 = 26
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 26, 0, 0, 0, 0
0]
class = Infiltration
gini = 0.0
samples = 13
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_syn_packets <= 0.5
gini = 0.044
samples = 89
value = [87, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 73
value = [73, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_ack_packets <= 2.5
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 = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 14
value = [14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_last_seen_ms <= 457322543.0
gini = 0.083
samples = 646
value = [28, 618, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 19
value = [19, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 493863406.0
gini = 0.028
samples = 627
value = [9, 618, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = -0.0
samples = 618
value = [0, 618, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 9
value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_max_piat_ms <= 1870.5
gini = 0.52
samples = 1223
value = [9, 0, 0, 579, 619, 0, 0, 0, 2, 0, 0, 0, 3, 5
6]
class = DoS Hulk
bidirectional_mean_ps <= 1014.226
gini = 0.022
samples = 626
value = [4, 0, 0, 0, 619, 0, 0, 0, 0, 0, 0, 0, 0, 0
3]
class = DoS Hulk
src2dst_mean_piat_ms <= 134.039
gini = 0.49
samples = 7
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
3]
class = BENIGN
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 = 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 = 619
value = [0, 0, 0, 0, 619, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
bidirectional_last_seen_ms <= 325602099.0
gini = 0.059
samples = 597
value = [5, 0, 0, 579, 0, 0, 0, 0, 2, 0, 0, 0, 3, 5
3]
class = DoS GoldenEye
dst2src_duration_ms <= 56318.5
gini = 0.01
samples = 582
value = [3, 0, 0, 579, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 579
value = [0, 0, 0, 579, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_psh_packets <= 1.5
gini = 0.773
samples = 15
value = [2, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 3, 5
3]
class = Web Attack - Sql Injection
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
dst2src_max_piat_ms <= 4740.0
gini = 0.74
samples = 10
value = [2, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 3, 0
3]
class = Web Attack - Brute Force
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_max_piat_ms <= 3106.0
gini = 0.653
samples = 7
value = [2, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0
3]
class = Web Attack - XSS
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
bidirectional_ack_packets <= 2248.0
gini = 0.5
samples = 4
value = [2, 0, 0, 0, 0, 0, 0, 0, 2, 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 = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0
0]
class = Heartbleed
bidirectional_min_ps <= 63.0
gini = 0.023
samples = 595
value = [7, 0, 588, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
gini = 0.0
samples = 588
value = [0, 0, 588, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
gini = 0.0
samples = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN