dst2src_first_seen_ms <= 509246185.0
gini = 0.905
samples = 6087
value = [534, 621, 598, 631, 580, 548, 625, 615, 6, 29, 577
582, 107, 10, 24]
class = DoS GoldenEye
True
False
dst2src_stddev_ps <= 882.156
gini = 0.895
samples = 5484
value = [529, 621, 0, 631, 580, 548, 625, 615, 6, 29, 577
582, 107, 10, 24]
class = DoS GoldenEye
dst2src_psh_packets <= 14.5
gini = 0.868
samples = 4265
value = [512, 621, 0, 24, 1, 546, 625, 615, 6, 29, 577
582, 104, 5, 18]
class = DoS slowloris
src2dst_last_seen_ms <= 409156875.5
gini = 0.844
samples = 3628
value = [511, 621, 0, 24, 1, 546, 625, 615, 0, 29, 577
11, 54, 5, 9]
class = DoS slowloris
bidirectional_last_seen_ms <= 235069385.0
gini = 0.763
samples = 2256
value = [366, 0, 0, 24, 1, 546, 625, 615, 0, 0, 0, 11
54, 5, 9]
class = DoS slowloris
bidirectional_mean_ps <= 82.229
gini = 0.301
samples = 754
value = [139, 0, 0, 0, 0, 0, 0, 615, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
src2dst_mean_ps <= 72.75
gini = 0.107
samples = 652
value = [37, 0, 0, 0, 0, 0, 0, 615, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = -0.0
samples = 33
value = [33, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_stddev_ps <= 16.309
gini = 0.013
samples = 619
value = [4, 0, 0, 0, 0, 0, 0, 615, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 615
value = [0, 0, 0, 0, 0, 0, 0, 615, 0, 0, 0, 0, 0, 0
0]
class = FTP-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 = 102
value = [102, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 316952070.5
gini = 0.67
samples = 1502
value = [227, 0, 0, 24, 1, 546, 625, 0, 0, 0, 0, 11, 54
5, 9]
class = DoS slowloris
src2dst_first_seen_ms <= 284050199.5
gini = 0.209
samples = 707
value = [68, 0, 0, 0, 0, 3, 625, 0, 0, 0, 0, 11, 0, 0
0]
class = DoS slowloris
src2dst_psh_packets <= 0.5
gini = 0.38
samples = 87
value = [67, 0, 0, 0, 0, 0, 9, 0, 0, 0, 0, 11, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 59
value = [59, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_first_seen_ms <= 284050239.0
gini = 0.661
samples = 28
value = [8, 0, 0, 0, 0, 0, 9, 0, 0, 0, 0, 11, 0, 0
0]
class = SSH-Patator
bidirectional_mean_piat_ms <= 318.56
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_mean_ps <= 300.286
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 = 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 = 7
value = [7, 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, 9, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
src2dst_max_ps <= 445.5
gini = 0.013
samples = 620
value = [1, 0, 0, 0, 0, 3, 616, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
gini = -0.0
samples = 616
value = [0, 0, 0, 0, 0, 0, 616, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
src2dst_last_seen_ms <= 316610228.0
gini = 0.375
samples = 4
value = [1, 0, 0, 0, 0, 3, 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
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_last_seen_ms <= 318376050.0
gini = 0.488
samples = 795
value = [159, 0, 0, 24, 1, 543, 0, 0, 0, 0, 0, 0, 54
5, 9]
class = DoS Slowhttptest
src2dst_psh_packets <= 0.5
gini = 0.032
samples = 552
value = [9, 0, 0, 0, 0, 543, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 6
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_packets <= 0.5
gini = 0.011
samples = 546
value = [3, 0, 0, 0, 0, 543, 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 = 543
value = [0, 0, 0, 0, 0, 543, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
src2dst_mean_ps <= 151.175
gini = 0.558
samples = 243
value = [150, 0, 0, 24, 1, 0, 0, 0, 0, 0, 0, 0, 54, 5
9]
class = BENIGN
dst2src_fin_packets <= 0.5
gini = 0.014
samples = 145
value = [144, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 141
value = [141, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_first_seen_ms <= 320419993.0
gini = 0.375
samples = 4
value = [3, 0, 0, 1, 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
gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_duration_ms <= 5180.0
gini = 0.626
samples = 98
value = [6, 0, 0, 23, 1, 0, 0, 0, 0, 0, 0, 0, 54, 5
9]
class = Web Attack - Brute Force
src2dst_mean_ps <= 365.5
gini = 0.639
samples = 42
value = [4, 0, 0, 23, 1, 0, 0, 0, 0, 0, 0, 0, 1, 5
8]
class = DoS GoldenEye
dst2src_max_piat_ms <= 5001.5
gini = 0.673
samples = 18
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 5
8]
class = Web Attack - XSS
dst2src_last_seen_ms <= 369927468.0
gini = 0.444
samples = 12
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
8]
class = Web Attack - XSS
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 = 8
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
8]
class = Web Attack - XSS
bidirectional_first_seen_ms <= 402375178.0
gini = 0.278
samples = 6
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 5
0]
class = Web Attack - Sql Injection
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 = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5
0]
class = Web Attack - Sql Injection
src2dst_stddev_ps <= 3087.244
gini = 0.08
samples = 24
value = [0, 0, 0, 23, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 23
value = [0, 0, 0, 23, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
dst2src_max_ps <= 1308.0
gini = 0.103
samples = 56
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 53, 0
1]
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
bidirectional_last_seen_ms <= 341075513.0
gini = 0.444
samples = 3
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
1]
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, 0, 0, 0, 0, 0
1]
class = Web Attack - XSS
src2dst_fin_packets <= 0.5
gini = 0.607
samples = 1372
value = [145, 621, 0, 0, 0, 0, 0, 0, 0, 29, 577, 0, 0
0, 0]
class = Bot
bidirectional_bytes <= 147.0
gini = 0.339
samples = 726
value = [120, 0, 0, 0, 0, 0, 0, 0, 0, 29, 577, 0, 0
0, 0]
class = PortScan
src2dst_syn_packets <= 0.5
gini = 0.098
samples = 603
value = [31, 0, 0, 0, 0, 0, 0, 0, 0, 0, 572, 0, 0, 0
0]
class = PortScan
bidirectional_last_seen_ms <= 423419746.0
gini = 0.486
samples = 53
value = [31, 0, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 0
0]
class = BENIGN
src2dst_bytes <= 63.0
gini = 0.172
samples = 21
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 19, 0, 0, 0
0]
class = PortScan
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 = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 502727500.5
gini = 0.17
samples = 32
value = [29, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0
0]
class = BENIGN
bidirectional_last_seen_ms <= 426235602.5
gini = 0.08
samples = 24
value = [23, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = BENIGN
bidirectional_mean_ps <= 63.0
gini = 0.32
samples = 5
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 19
value = [19, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 507568680.5
gini = 0.375
samples = 8
value = [6, 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 = 6
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 550
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 550, 0, 0, 0
0]
class = PortScan
src2dst_psh_packets <= 7.0
gini = 0.419
samples = 123
value = [89, 0, 0, 0, 0, 0, 0, 0, 0, 29, 5, 0, 0, 0
0]
class = BENIGN
dst2src_stddev_piat_ms <= 12125.583
gini = 0.178
samples = 94
value = [85, 0, 0, 0, 0, 0, 0, 0, 0, 4, 5, 0, 0, 0
0]
class = BENIGN
src2dst_min_piat_ms <= 2035.5
gini = 0.124
samples = 91
value = [85, 0, 0, 0, 0, 0, 0, 0, 0, 1, 5, 0, 0, 0
0]
class = BENIGN
dst2src_ack_packets <= 0.5
gini = 0.105
samples = 90
value = [85, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 64
value = [64, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_psh_packets <= 0.5
gini = 0.311
samples = 26
value = [21, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0
0]
class = BENIGN
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 = 21
value = [21, 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
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0
0]
class = Infiltration
bidirectional_mean_piat_ms <= 3405.05
gini = 0.238
samples = 29
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0, 0
0]
class = Infiltration
gini = -0.0
samples = 25
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0, 0
0]
class = Infiltration
gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_last_seen_ms <= 488820955.0
gini = 0.074
samples = 646
value = [25, 621, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 16
value = [16, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_duration_ms <= 1129.5
gini = 0.028
samples = 630
value = [9, 621, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = -0.0
samples = 621
value = [0, 621, 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_first_seen_ms <= 291731906.0
gini = 0.19
samples = 637
value = [1, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 571, 50, 0
9]
class = SSH-Patator
gini = -0.0
samples = 571
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 571, 0, 0
0]
class = SSH-Patator
src2dst_duration_ms <= 47708.5
gini = 0.399
samples = 66
value = [1, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 50, 0
9]
class = Web Attack - Brute Force
gini = -0.0
samples = 50
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 50, 0
0]
class = Web Attack - Brute Force
bidirectional_duration_ms <= 93681.0
gini = 0.539
samples = 16
value = [1, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 0, 0
9]
class = Web Attack - XSS
gini = 0.0
samples = 9
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
9]
class = Web Attack - XSS
bidirectional_bytes <= 4131915.5
gini = 0.245
samples = 7
value = [1, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 0, 0
0]
class = Heartbleed
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, 6, 0, 0, 0, 0, 0
0]
class = Heartbleed
dst2src_duration_ms <= 3408.0
gini = 0.526
samples = 1219
value = [17, 0, 0, 607, 579, 2, 0, 0, 0, 0, 0, 0, 3
5, 6]
class = DoS GoldenEye
bidirectional_mean_ps <= 999.457
gini = 0.024
samples = 586
value = [5, 0, 0, 0, 579, 0, 0, 0, 0, 0, 0, 0, 0, 1
1]
class = DoS Hulk
bidirectional_duration_ms <= 2566.5
gini = 0.449
samples = 7
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1
1]
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
src2dst_stddev_piat_ms <= 656.243
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 = 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 = 579
value = [0, 0, 0, 0, 579, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
dst2src_psh_packets <= 3.0
gini = 0.08
samples = 633
value = [12, 0, 0, 607, 0, 2, 0, 0, 0, 0, 0, 0, 3, 4
5]
class = DoS GoldenEye
bidirectional_first_seen_ms <= 362096762.5
gini = 0.032
samples = 617
value = [0, 0, 0, 607, 0, 2, 0, 0, 0, 0, 0, 0, 0, 4
4]
class = DoS GoldenEye
bidirectional_first_seen_ms <= 318780662.0
gini = 0.007
samples = 609
value = [0, 0, 0, 607, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
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 = 607
value = [0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
dst2src_max_ps <= 3018.0
gini = 0.5
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4
4]
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
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
bidirectional_stddev_piat_ms <= 1413.445
gini = 0.398
samples = 16
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0
1]
class = BENIGN
src2dst_last_seen_ms <= 399985495.0
gini = 0.375
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0
1]
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
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 = 12
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_min_ps <= 63.0
gini = 0.016
samples = 603
value = [5, 0, 598, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
gini = -0.0
samples = 598
value = [0, 0, 598, 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