dst2src_first_seen_ms <= 509268553.5
gini = 0.905
samples = 6087
value = [560, 563, 576, 630, 626, 608, 590, 606, 13, 18
591, 553, 122, 15, 16]
class = DoS GoldenEye
True
False
dst2src_stddev_ps <= 878.367
gini = 0.895
samples = 5505
value = [554, 563, 0, 630, 626, 608, 590, 606, 13, 18, 591
553, 122, 15, 16]
class = DoS GoldenEye
bidirectional_last_seen_ms <= 412737746.0
gini = 0.87
samples = 4264
value = [545, 563, 0, 33, 6, 607, 590, 606, 13, 18, 591
553, 119, 7, 13]
class = DoS Slowhttptest
src2dst_max_ps <= 702.5
gini = 0.82
samples = 2953
value = [401, 0, 0, 33, 6, 607, 590, 606, 13, 0, 5, 553
119, 7, 13]
class = DoS Slowhttptest
bidirectional_last_seen_ms <= 236067045.5
gini = 0.776
samples = 2348
value = [371, 0, 0, 29, 0, 607, 590, 606, 0, 0, 5, 1
119, 7, 13]
class = DoS Slowhttptest
src2dst_last_seen_ms <= 227011862.0
gini = 0.322
samples = 759
value = [153, 0, 0, 0, 0, 0, 0, 606, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
dst2src_psh_packets <= 6.5
gini = 0.048
samples = 123
value = [120, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_first_seen_ms <= 165636357.5
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 = 113
value = [113, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_mean_ps <= 81.5
gini = 0.278
samples = 6
value = [5, 0, 0, 0, 0, 0, 0, 1, 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
gini = 0.0
samples = 5
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_last_seen_ms <= 226709524.0
gini = 0.5
samples = 4
value = [2, 0, 0, 0, 0, 0, 0, 2, 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 = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
bidirectional_mean_ps <= 82.688
gini = 0.098
samples = 636
value = [33, 0, 0, 0, 0, 0, 0, 603, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
src2dst_min_ps <= 63.0
gini = 0.023
samples = 610
value = [7, 0, 0, 0, 0, 0, 0, 603, 0, 0, 0, 0, 0, 0
0]
class = FTP-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 = 603
value = [0, 0, 0, 0, 0, 0, 0, 603, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 26
value = [26, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 316772743.0
gini = 0.691
samples = 1589
value = [218, 0, 0, 29, 0, 607, 590, 0, 0, 0, 5, 1, 119
7, 13]
class = DoS Slowhttptest
src2dst_psh_packets <= 0.5
gini = 0.137
samples = 637
value = [46, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 1, 0, 0
0]
class = DoS slowloris
gini = -0.0
samples = 41
value = [41, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_bytes <= 266.5
gini = 0.02
samples = 596
value = [5, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 1, 0, 0
0]
class = DoS slowloris
gini = 0.0
samples = 590
value = [0, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
dst2src_syn_packets <= 0.5
gini = 0.278
samples = 6
value = [5, 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 = 5
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 318333813.5
gini = 0.544
samples = 952
value = [172, 0, 0, 29, 0, 607, 0, 0, 0, 0, 5, 0, 119
7, 13]
class = DoS Slowhttptest
dst2src_last_seen_ms <= 158475897.5
gini = 0.019
samples = 613
value = [6, 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
src2dst_psh_packets <= 0.5
gini = 0.007
samples = 609
value = [2, 0, 0, 0, 0, 607, 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 = 607
value = [0, 0, 0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
src2dst_mean_ps <= 151.536
gini = 0.628
samples = 339
value = [166, 0, 0, 29, 0, 0, 0, 0, 0, 0, 5, 0, 119
7, 13]
class = BENIGN
src2dst_bytes <= 62.5
gini = 0.068
samples = 171
value = [165, 0, 0, 1, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 403869465.0
gini = 0.486
samples = 12
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 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 = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0
0]
class = PortScan
dst2src_max_ps <= 2080.0
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 <= 294.448
gini = 0.463
samples = 168
value = [1, 0, 0, 28, 0, 0, 0, 0, 0, 0, 0, 0, 119, 7
13]
class = Web Attack - Brute Force
bidirectional_last_seen_ms <= 402834708.5
gini = 0.132
samples = 128
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 119, 7
2]
class = Web Attack - Brute Force
gini = 0.0
samples = 119
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 119, 0
0]
class = Web Attack - Brute Force
src2dst_bytes <= 702.0
gini = 0.346
samples = 9
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7
2]
class = Web Attack - Sql Injection
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 = 7
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7
0]
class = Web Attack - Sql Injection
src2dst_first_seen_ms <= 328065481.0
gini = 0.434
samples = 40
value = [1, 0, 0, 28, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
11]
class = DoS GoldenEye
gini = 0.0
samples = 28
value = [0, 0, 0, 28, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
dst2src_stddev_ps <= 154.593
gini = 0.153
samples = 12
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
11]
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 = 11
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
11]
class = Web Attack - XSS
src2dst_max_ps <= 725.5
gini = 0.164
samples = 605
value = [30, 0, 0, 4, 6, 0, 0, 0, 13, 0, 0, 552, 0, 0
0]
class = SSH-Patator
gini = 0.0
samples = 551
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 551, 0, 0
0]
class = SSH-Patator
bidirectional_stddev_ps <= 1573.068
gini = 0.615
samples = 54
value = [30, 0, 0, 4, 6, 0, 0, 0, 13, 0, 0, 1, 0, 0
0]
class = BENIGN
bidirectional_syn_packets <= 3.5
gini = 0.251
samples = 35
value = [30, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = BENIGN
bidirectional_max_ps <= 3282.5
gini = 0.119
samples = 32
value = [30, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = BENIGN
src2dst_psh_packets <= 8.0
gini = 0.064
samples = 30
value = [29, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 29
value = [29, 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
dst2src_mean_ps <= 175.0
gini = 0.5
samples = 2
value = [1, 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 = 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, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_bytes <= 4112975.5
gini = 0.432
samples = 19
value = [0, 0, 0, 0, 6, 0, 0, 0, 13, 0, 0, 0, 0, 0
0]
class = Heartbleed
gini = 0.0
samples = 6
value = [0, 0, 0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = 0.0
samples = 13
value = [0, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0, 0, 0, 0
0]
class = Heartbleed
dst2src_psh_packets <= 0.5
gini = 0.604
samples = 1311
value = [144, 563, 0, 0, 0, 0, 0, 0, 0, 18, 586, 0, 0
0, 0]
class = PortScan
bidirectional_syn_packets <= 0.5
gini = 0.305
samples = 716
value = [112, 0, 0, 0, 0, 0, 0, 0, 0, 18, 586, 0, 0
0, 0]
class = PortScan
bidirectional_psh_packets <= 4.5
gini = 0.391
samples = 147
value = [112, 0, 0, 0, 0, 0, 0, 0, 0, 18, 17, 0, 0, 0
0]
class = BENIGN
src2dst_bytes <= 63.0
gini = 0.241
samples = 130
value = [112, 0, 0, 0, 0, 0, 0, 0, 0, 1, 17, 0, 0, 0
0]
class = BENIGN
bidirectional_last_seen_ms <= 426362018.5
gini = 0.497
samples = 28
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 15, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 12
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 0, 0, 0
0]
class = PortScan
dst2src_bytes <= 30.0
gini = 0.305
samples = 16
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 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
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0
0]
class = PortScan
src2dst_first_seen_ms <= 420163983.5
gini = 0.057
samples = 102
value = [99, 0, 0, 0, 0, 0, 0, 0, 0, 1, 2, 0, 0, 0
0]
class = BENIGN
bidirectional_rst_packets <= 0.5
gini = 0.406
samples = 8
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 6
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_bytes <= 209.0
gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0
0]
class = Infiltration
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, 1, 0, 0, 0
0]
class = PortScan
bidirectional_bytes <= 93.0
gini = 0.021
samples = 94
value = [93, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 497688353.0
gini = 0.219
samples = 8
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
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
bidirectional_first_seen_ms <= 507377489.0
gini = 0.375
samples = 4
value = [3, 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 = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 86
value = [86, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 17
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 17, 0, 0, 0, 0
0]
class = Infiltration
gini = 0.0
samples = 569
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 569, 0, 0, 0
0]
class = PortScan
dst2src_max_ps <= 189.0
gini = 0.102
samples = 595
value = [32, 563, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
bidirectional_mean_ps <= 91.444
gini = 0.014
samples = 565
value = [4, 561, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
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 = 561
value = [0, 561, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
bidirectional_stddev_ps <= 123.838
gini = 0.124
samples = 30
value = [28, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 2
value = [0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 28
value = [28, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_max_piat_ms <= 1839.0
gini = 0.519
samples = 1241
value = [9, 0, 0, 597, 620, 1, 0, 0, 0, 0, 0, 0, 3, 8
3]
class = DoS Hulk
dst2src_mean_ps <= 1384.778
gini = 0.016
samples = 625
value = [2, 0, 0, 0, 620, 0, 0, 0, 0, 0, 0, 0, 0, 2
1]
class = DoS Hulk
src2dst_stddev_ps <= 254.18
gini = 0.64
samples = 5
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2
1]
class = BENIGN
dst2src_max_piat_ms <= 369.0
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
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2
0]
class = Web Attack - Sql Injection
gini = 0.0
samples = 620
value = [0, 0, 0, 0, 620, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
src2dst_last_seen_ms <= 325595097.5
gini = 0.06
samples = 616
value = [7, 0, 0, 597, 0, 1, 0, 0, 0, 0, 0, 0, 3, 6
2]
class = DoS GoldenEye
bidirectional_first_seen_ms <= 318780662.0
gini = 0.02
samples = 603
value = [5, 0, 0, 597, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
dst2src_stddev_ps <= 1362.406
gini = 0.278
samples = 6
value = [5, 0, 0, 0, 0, 1, 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, 1, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 597
value = [0, 0, 0, 597, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
src2dst_stddev_ps <= 245.918
gini = 0.686
samples = 13
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 6
2]
class = Web Attack - Sql Injection
src2dst_bytes <= 5474.5
gini = 0.653
samples = 7
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0
2]
class = Web Attack - Brute Force
dst2src_min_piat_ms <= 11.0
gini = 0.5
samples = 4
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
2]
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, 0, 0, 0, 0, 0, 0
2]
class = Web Attack - XSS
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 = 6
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6
0]
class = Web Attack - Sql Injection
bidirectional_stddev_ps <= 839.651
gini = 0.02
samples = 582
value = [6, 0, 576, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
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 = 576
value = [0, 0, 576, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS