dst2src_last_seen_ms <= 509709716.5
gini = 0.905
samples = 6086
value = [605, 592, 590, 644, 604, 566, 564, 577, 13, 27
566, 595, 111, 10, 22]
class = DoS GoldenEye
True
False
dst2src_stddev_ps <= 1148.025
gini = 0.896
samples = 5481
value = [590, 592, 0, 644, 604, 566, 564, 577, 13, 27, 566
595, 111, 10, 22]
class = DoS GoldenEye
bidirectional_bytes <= 135.0
gini = 0.872
samples = 4285
value = [588, 592, 0, 59, 8, 564, 560, 577, 13, 27, 565
595, 110, 8, 19]
class = SSH-Patator
src2dst_first_seen_ms <= 409708431.0
gini = 0.004
samples = 557
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 556, 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 = 556
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 556, 0, 0, 0
0]
class = PortScan
dst2src_rst_packets <= 1.5
gini = 0.854
samples = 3728
value = [587, 592, 0, 59, 8, 564, 560, 577, 13, 27, 9
595, 110, 8, 19]
class = SSH-Patator
dst2src_psh_packets <= 12.5
gini = 0.829
samples = 3142
value = [581, 592, 0, 59, 2, 564, 560, 7, 13, 27, 8, 592
110, 8, 19]
class = Bot
src2dst_last_seen_ms <= 457968038.0
gini = 0.784
samples = 2468
value = [571, 592, 0, 59, 2, 564, 560, 7, 0, 27, 8, 4
60, 8, 6]
class = Bot
dst2src_first_seen_ms <= 316936132.0
gini = 0.725
samples = 1800
value = [501, 2, 0, 59, 2, 564, 560, 7, 0, 27, 0, 4, 60
8, 6]
class = DoS Slowhttptest
src2dst_last_seen_ms <= 284460695.0
gini = 0.463
samples = 859
value = [288, 0, 0, 0, 0, 0, 560, 7, 0, 0, 0, 4, 0, 0
0]
class = DoS slowloris
src2dst_psh_packets <= 6.5
gini = 0.075
samples = 286
value = [275, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 4, 0, 0
0]
class = BENIGN
src2dst_psh_packets <= 5.5
gini = 0.029
samples = 277
value = [273, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 2, 0, 0
0]
class = BENIGN
bidirectional_mean_ps <= 79.083
gini = 0.015
samples = 269
value = [267, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_psh_packets <= 2.0
gini = 0.219
samples = 16
value = [14, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 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
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 = 253
value = [253, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_mean_ps <= 306.038
gini = 0.375
samples = 8
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0
0]
class = SSH-Patator
gini = 0.0
samples = 6
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_mean_ps <= 127.938
gini = 0.593
samples = 9
value = [2, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 2, 0, 0
0]
class = FTP-Patator
gini = -0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
bidirectional_first_seen_ms <= 143200524.0
gini = 0.5
samples = 4
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 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, 0, 0, 0, 2, 0, 0
0]
class = SSH-Patator
src2dst_psh_packets <= 0.5
gini = 0.044
samples = 573
value = [13, 0, 0, 0, 0, 0, 560, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
gini = -0.0
samples = 10
value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_packets <= 5.5
gini = 0.011
samples = 563
value = [3, 0, 0, 0, 0, 0, 560, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
gini = 0.0
samples = 560
value = [0, 0, 0, 0, 0, 0, 560, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
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 <= 318134434.5
gini = 0.58
samples = 941
value = [213, 2, 0, 59, 2, 564, 0, 0, 0, 27, 0, 0, 60
8, 6]
class = DoS Slowhttptest
bidirectional_psh_packets <= 0.5
gini = 0.031
samples = 567
value = [9, 0, 0, 0, 0, 558, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_bytes <= 2462.5
gini = 0.007
samples = 560
value = [2, 0, 0, 0, 0, 558, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 558
value = [0, 0, 0, 0, 0, 558, 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_max_ps <= 332.0
gini = 0.645
samples = 374
value = [204, 2, 0, 59, 2, 6, 0, 0, 0, 27, 0, 0, 60
8, 6]
class = BENIGN
dst2src_stddev_ps <= 932.861
gini = 0.034
samples = 173
value = [170, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0
0]
class = BENIGN
dst2src_bytes <= 75.0
gini = 0.012
samples = 171
value = [170, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0
0]
class = BENIGN
src2dst_duration_ms <= 0.0
gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 169
value = [169, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_fin_packets <= 0.0
gini = 0.5
samples = 2
value = [0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
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 = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
bidirectional_mean_ps <= 167.775
gini = 0.776
samples = 201
value = [34, 2, 0, 58, 2, 5, 0, 0, 0, 26, 0, 0, 60, 8
6]
class = Web Attack - Brute Force
src2dst_bytes <= 965.0
gini = 0.192
samples = 67
value = [5, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 60, 0
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 60
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 60, 0
0]
class = Web Attack - Brute Force
dst2src_first_seen_ms <= 456337173.0
gini = 0.408
samples = 7
value = [5, 2, 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 = 2
value = [0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
bidirectional_packets <= 13.5
gini = 0.722
samples = 134
value = [29, 0, 0, 58, 2, 5, 0, 0, 0, 26, 0, 0, 0, 8
6]
class = DoS GoldenEye
src2dst_fin_packets <= 0.5
gini = 0.236
samples = 67
value = [1, 0, 0, 58, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8
0]
class = DoS GoldenEye
gini = 0.0
samples = 58
value = [0, 0, 0, 58, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_mean_piat_ms <= 237.035
gini = 0.198
samples = 9
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8
0]
class = Web Attack - Sql Injection
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, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8
0]
class = Web Attack - Sql Injection
dst2src_mean_ps <= 68.608
gini = 0.663
samples = 67
value = [28, 0, 0, 0, 2, 5, 0, 0, 0, 26, 0, 0, 0, 0
6]
class = BENIGN
gini = -0.0
samples = 26
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 26, 0, 0, 0, 0
0]
class = Infiltration
dst2src_packets <= 7.5
gini = 0.501
samples = 41
value = [28, 0, 0, 0, 2, 5, 0, 0, 0, 0, 0, 0, 0, 0
6]
class = BENIGN
dst2src_ack_packets <= 5.0
gini = 0.579
samples = 11
value = [0, 0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0
6]
class = Web Attack - XSS
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 = 0.278
samples = 6
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
6]
class = Web Attack - XSS
src2dst_last_seen_ms <= 319559370.5
gini = 0.124
samples = 30
value = [28, 0, 0, 0, 2, 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 = 28
value = [28, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_mean_ps <= 95.5
gini = 0.209
samples = 668
value = [70, 590, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0
0]
class = Bot
bidirectional_mean_ps <= 86.556
gini = 0.058
samples = 608
value = [10, 590, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0
0]
class = Bot
bidirectional_rst_packets <= 0.5
gini = 0.494
samples = 18
value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 9
value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_packets <= 3.5
gini = 0.198
samples = 9
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 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 = 590
value = [0, 590, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 60
value = [60, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_max_ps <= 1087.5
gini = 0.232
samples = 674
value = [10, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0, 588, 50
0, 13]
class = SSH-Patator
gini = 0.0
samples = 588
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 588, 0, 0
0]
class = SSH-Patator
bidirectional_mean_ps <= 554.725
gini = 0.603
samples = 86
value = [10, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0, 0, 50, 0
13]
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_stddev_ps <= 1745.68
gini = 0.662
samples = 36
value = [10, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0, 0, 0, 0
13]
class = Heartbleed
src2dst_last_seen_ms <= 402371769.0
gini = 0.491
samples = 23
value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
13]
class = Web Attack - XSS
gini = -0.0
samples = 10
value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 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
gini = 0.0
samples = 13
value = [0, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0, 0, 0, 0
0]
class = Heartbleed
dst2src_stddev_piat_ms <= 573.027
gini = 0.054
samples = 586
value = [6, 0, 0, 0, 6, 0, 0, 570, 0, 0, 1, 3, 0, 0
0]
class = FTP-Patator
bidirectional_bytes <= 6929.5
gini = 0.68
samples = 16
value = [6, 0, 0, 0, 6, 0, 0, 0, 0, 0, 1, 3, 0, 0
0]
class = BENIGN
dst2src_ack_packets <= 2.5
gini = 0.54
samples = 10
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 3, 0, 0
0]
class = BENIGN
bidirectional_last_seen_ms <= 248134314.0
gini = 0.375
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 3, 0, 0
0]
class = SSH-Patator
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0
0]
class = SSH-Patator
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 = 6
value = [6, 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, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = 0.0
samples = 570
value = [0, 0, 0, 0, 0, 0, 0, 570, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
dst2src_first_seen_ms <= 319935271.0
gini = 0.512
samples = 1196
value = [2, 0, 0, 585, 596, 2, 4, 0, 0, 0, 1, 0, 1, 2
3]
class = DoS Hulk
bidirectional_last_seen_ms <= 318375387.5
gini = 0.023
samples = 603
value = [1, 0, 0, 0, 596, 2, 4, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
src2dst_max_piat_ms <= 4984.0
gini = 0.571
samples = 7
value = [1, 0, 0, 0, 0, 2, 4, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
bidirectional_max_piat_ms <= 367.0
gini = 0.444
samples = 3
value = [1, 0, 0, 0, 0, 2, 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 = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
gini = 0.0
samples = 596
value = [0, 0, 0, 0, 596, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
bidirectional_first_seen_ms <= 360285974.0
gini = 0.027
samples = 593
value = [1, 0, 0, 585, 0, 0, 0, 0, 0, 0, 1, 0, 1, 2
3]
class = DoS GoldenEye
gini = -0.0
samples = 585
value = [0, 0, 0, 585, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
src2dst_mean_ps <= 164.214
gini = 0.75
samples = 8
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 2
3]
class = Web Attack - XSS
dst2src_mean_piat_ms <= 1109.708
gini = 0.72
samples = 5
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 2
0]
class = Web Attack - Sql Injection
bidirectional_mean_ps <= 625.579
gini = 0.667
samples = 3
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0
0]
class = BENIGN
bidirectional_min_ps <= 60.0
gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0
0]
class = BENIGN
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, 1, 0
0]
class = Web Attack - Brute Force
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 = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2
0]
class = Web Attack - Sql Injection
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_stddev_ps <= 646.492
gini = 0.048
samples = 605
value = [15, 0, 590, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
gini = 0.0
samples = 15
value = [15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 590
value = [0, 0, 590, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS