bidirectional_bytes <= 136.0
gini = 0.905
samples = 6086
value = [586, 556, 587, 627, 626, 555, 594, 565, 13, 20
615, 585, 133, 7, 17]
class = DoS GoldenEye
True
False
src2dst_first_seen_ms <= 377094509.5
gini = 0.003
samples = 614
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 613, 0, 0, 0
0]
class = PortScan
dst2src_last_seen_ms <= 509208336.5
gini = 0.896
samples = 5472
value = [585, 556, 587, 627, 626, 555, 594, 565, 13, 20, 2
585, 133, 7, 17]
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 = 613
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 613, 0, 0, 0
0]
class = PortScan
dst2src_mean_ps <= 763.105
gini = 0.884
samples = 4875
value = [575, 556, 0, 627, 626, 555, 594, 565, 13, 20, 2
585, 133, 7, 17]
class = DoS GoldenEye
bidirectional_stddev_ps <= 633.578
gini = 0.033
samples = 597
value = [10, 0, 587, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
dst2src_rst_packets <= 1.5
gini = 0.85
samples = 3604
value = [550, 556, 0, 42, 4, 551, 592, 565, 12, 20, 1
585, 117, 6, 3]
class = DoS slowloris
dst2src_first_seen_ms <= 319937274.0
gini = 0.548
samples = 1271
value = [25, 0, 0, 585, 622, 4, 2, 0, 1, 0, 1, 0, 16
1, 14]
class = DoS Hulk
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 = 587
value = [0, 0, 587, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
dst2src_psh_packets <= 12.0
gini = 0.825
samples = 3037
value = [545, 556, 0, 42, 1, 551, 592, 8, 12, 20, 1, 583
117, 6, 3]
class = DoS slowloris
dst2src_duration_ms <= 4405.0
gini = 0.035
samples = 567
value = [5, 0, 0, 0, 3, 0, 0, 557, 0, 0, 0, 2, 0, 0
0]
class = FTP-Patator
bidirectional_first_seen_ms <= 318374250.5
gini = 0.069
samples = 645
value = [17, 0, 0, 0, 622, 4, 2, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
src2dst_last_seen_ms <= 320917167.0
gini = 0.125
samples = 626
value = [8, 0, 0, 585, 0, 0, 0, 0, 1, 0, 1, 0, 16, 1
14]
class = DoS GoldenEye
bidirectional_last_seen_ms <= 457968050.0
gini = 0.779
samples = 2395
value = [543, 556, 0, 42, 1, 551, 592, 8, 0, 20, 1, 5
67, 6, 3]
class = DoS slowloris
src2dst_duration_ms <= 22301.5
gini = 0.183
samples = 642
value = [2, 0, 0, 0, 0, 0, 0, 0, 12, 0, 0, 578, 50, 0
0]
class = SSH-Patator
dst2src_syn_packets <= 0.5
gini = 0.62
samples = 10
value = [5, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 2, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 557
value = [0, 0, 0, 0, 0, 0, 0, 557, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
dst2src_bytes <= 15887.0
gini = 0.416
samples = 23
value = [17, 0, 0, 0, 0, 4, 2, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 622
value = [0, 0, 0, 0, 622, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = -0.0
samples = 585
value = [0, 0, 0, 585, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_first_seen_ms <= 402904187.0
gini = 0.691
samples = 41
value = [8, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 16, 1
14]
class = Web Attack - Brute Force
dst2src_first_seen_ms <= 316936132.0
gini = 0.717
samples = 1768
value = [473, 0, 0, 42, 1, 551, 592, 8, 0, 20, 0, 5, 67
6, 3]
class = DoS slowloris
dst2src_mean_ps <= 92.417
gini = 0.201
samples = 627
value = [70, 556, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 578
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 578, 0, 0
0]
class = SSH-Patator
src2dst_last_seen_ms <= 368174303.0
gini = 0.354
samples = 64
value = [2, 0, 0, 0, 0, 0, 0, 0, 12, 0, 0, 0, 50, 0
0]
class = Web Attack - Brute Force
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 <= 248134314.0
gini = 0.48
samples = 5
value = [0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 2, 0, 0
0]
class = DoS Hulk
bidirectional_fin_packets <= 1.5
gini = 0.444
samples = 6
value = [0, 0, 0, 0, 0, 4, 2, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 17
value = [17, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_stddev_piat_ms <= 222.581
gini = 0.204
samples = 18
value = [1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 16, 0
0]
class = Web Attack - Brute Force
src2dst_mean_ps <= 172.44
gini = 0.533
samples = 23
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1
14]
class = Web Attack - XSS
bidirectional_first_seen_ms <= 284460423.5
gini = 0.45
samples = 880
value = [275, 0, 0, 0, 0, 0, 592, 8, 0, 0, 0, 5, 0, 0
0]
class = DoS slowloris
src2dst_last_seen_ms <= 318431238.5
gini = 0.557
samples = 888
value = [198, 0, 0, 42, 1, 551, 0, 0, 0, 20, 0, 0, 67
6, 3]
class = DoS Slowhttptest
src2dst_first_seen_ms <= 497652398.0
gini = 0.038
samples = 567
value = [10, 556, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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
src2dst_mean_piat_ms <= 249.109
gini = 0.245
samples = 14
value = [2, 0, 0, 0, 0, 0, 0, 0, 12, 0, 0, 0, 0, 0
0]
class = Heartbleed
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
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 = 3
value = [0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
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 = [0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
bidirectional_ack_packets <= 40.0
gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 16
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 16, 0
0]
class = Web Attack - Brute Force
dst2src_packets <= 6.0
gini = 0.37
samples = 9
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1
0]
class = BENIGN
gini = 0.0
samples = 14
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
14]
class = Web Attack - XSS
bidirectional_psh_packets <= 13.0
gini = 0.09
samples = 280
value = [267, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0, 5, 0, 0
0]
class = BENIGN
dst2src_mean_ps <= 231.0
gini = 0.026
samples = 600
value = [8, 0, 0, 0, 0, 0, 592, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
bidirectional_psh_packets <= 0.5
gini = 0.032
samples = 560
value = [9, 0, 0, 0, 0, 551, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
src2dst_mean_ps <= 138.1
gini = 0.606
samples = 328
value = [189, 0, 0, 42, 1, 0, 0, 0, 0, 20, 0, 0, 67
6, 3]
class = BENIGN
bidirectional_mean_ps <= 86.601
gini = 0.004
samples = 557
value = [1, 556, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
bidirectional_max_piat_ms <= 144.0
gini = 0.18
samples = 10
value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 12
value = [0, 0, 0, 0, 0, 0, 0, 0, 12, 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 = 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, 1, 0, 0, 0, 0, 0
0]
class = Heartbleed
dst2src_mean_ps <= 897.4
gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1
0]
class = PortScan
gini = 0.0
samples = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_psh_packets <= 5.5
gini = 0.044
samples = 271
value = [265, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 3, 0, 0
0]
class = BENIGN
bidirectional_mean_ps <= 131.594
gini = 0.593
samples = 9
value = [2, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 2, 0, 0
0]
class = FTP-Patator
bidirectional_psh_packets <= 0.5
gini = 0.01
samples = 595
value = [3, 0, 0, 0, 0, 0, 592, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
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 = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_ack_packets <= 6.5
gini = 0.007
samples = 553
value = [2, 0, 0, 0, 0, 551, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = -0.0
samples = 169
value = [169, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 326148668.0
gini = 0.719
samples = 159
value = [20, 0, 0, 42, 1, 0, 0, 0, 0, 20, 0, 0, 67, 6
3]
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 = 556
value = [0, 556, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
src2dst_max_ps <= 74.0
gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = 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 = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = PortScan
bidirectional_mean_ps <= 78.556
gini = 0.023
samples = 262
value = [259, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_stddev_ps <= 445.36
gini = 0.444
samples = 9
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
src2dst_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
bidirectional_rst_packets <= 1.5
gini = 0.003
samples = 593
value = [1, 0, 0, 0, 0, 0, 592, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
gini = 0.0
samples = 551
value = [0, 0, 0, 0, 0, 551, 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_last_seen_ms <= 320445413.5
gini = 0.088
samples = 44
value = [1, 0, 0, 42, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_ack_packets <= 15.5
gini = 0.6
samples = 115
value = [19, 0, 0, 0, 0, 0, 0, 0, 0, 20, 0, 0, 67, 6
3]
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 = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_packets <= 4.5
gini = 0.355
samples = 13
value = [10, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 249
value = [249, 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, 3, 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
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
gini = -0.0
samples = 592
value = [0, 0, 0, 0, 0, 0, 592, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_stddev_ps <= 552.273
gini = 0.5
samples = 2
value = [1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 42
value = [0, 0, 0, 42, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
bidirectional_first_seen_ms <= 402779346.0
gini = 0.254
samples = 78
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 67, 6
3]
class = Web Attack - Brute Force
dst2src_mean_ps <= 90.691
gini = 0.5
samples = 37
value = [19, 0, 0, 0, 0, 0, 0, 0, 0, 18, 0, 0, 0, 0
0]
class = BENIGN
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 = 3
value = [0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0
0]
class = FTP-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 = 1
value = [0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = 0.0
samples = 67
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 67, 0
0]
class = Web Attack - Brute Force
dst2src_stddev_piat_ms <= 2443.05
gini = 0.595
samples = 11
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 6
3]
class = Web Attack - Sql Injection
gini = 0.0
samples = 18
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 18, 0, 0, 0, 0
0]
class = Infiltration
gini = 0.0
samples = 19
value = [19, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_first_seen_ms <= 404541548.0
gini = 0.48
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0
3]
class = Web Attack - XSS
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
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 = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0
0]
class = Infiltration