

Get Statistics

<https://campus.barracuda.com/doc/93195508/>

Retrieves account or domain level inbound and outbound statistics for the Barracuda ESS product.

Note that any data prior to August 1, 2020 will not be included in the results.

Endpoints

Account level: GET /beta/accounts/{account_id}/ess/statistics

Domain level: GET /beta/accounts/{account_id}/ess/domains/{domain_id | domain_name}/statistics

Request header

Name	Required	Description	Type
access_token	Required	The access token issued by the authorization server.	String

Path parameters

Name	Required	Description	Data Type
account_id	Required	The Barracuda Cloud Control account ID.	String
domain_id	Required	The domain ID obtained from the List Domains API .	String
domain_name	Optional	The domain name. This can be used in place of the domain_id.	String

Query string parameters

Name	Required	Description	Type
type	Optional	The type of statistics category. Default value: email.	String

period	Optional	How frequently to display the statistics. Available options: 1h or 24h. Default value: 24h. ◦ hourly can be used as an alias for 1h. ◦ daily can be used as an alias for 24h.	String
count	Optional	The number of time blocks in the past to include in the results. Available options: If period is set to 1h, the count can be set from 1-168 (7 days). If period is set to 24h, the count can be set from 1-30. Default value: 30.	String

Response

Entry	Description	Type
accountId	The Barracuda Cloud Control account ID.	String
type	The type of statistics category. Currently, only email is supported.	String
count	The number of time blocks in the past to include in the results.	String
period	How frequently to display the statistics.	String
inbound	The list of objects that each represent an inbound statistic action:threat_type:reason, total number of occurrences for the specified statistic per filtered period. For a description of the action:threat_type:reason, see Inbound and Outbound Statistics Response Values . The timestamp format is defined as ISO-8601 .	Array
outbound	The list of objects that each represent an outbound statistic action:threat_type:reason, total number of occurrences for the specified statistic per filtered period. For a description of the action:threat_type:reason, see Inbound and Outbound Statistics Response Values . The timestamp format is defined as ISO-8601 .	Array

A day block starts at midnight GMT for any and all users. The results will include count complete time blocks and one time block for a partial period in the hour or day.

If there are no results for a specific time period, no entry will be posted in the results.

Sample Account Level Statistics

Sample Request

```
curl -X GET
"https://api.barracudanetworks.com/beta/accounts/{account_id}/ess/statistics"
\
--header "Authorization: Bearer {access_token}"
```

Sample Response

```
{
  "accountId": "5584599",
  "type": "email",
  "period": "24h",
  "count": "30",
  "inbound": {
    "allowed:policy:_total": {
      "2020-08-04T00:00:00+0000": 52,
      "2020-08-05T00:00:00+0000": 36,
      "2020-08-06T00:00:00+0000": 61,
      "2020-08-07T00:00:00+0000": 33,
      "2020-08-08T00:00:00+0000": 38,
      "2020-08-09T00:00:00+0000": 44,
      "2020-08-10T00:00:00+0000": 49
    },
    "allowed:policy:emailcat": {
      "2020-08-04T00:00:00+0000": 52,
      "2020-08-05T00:00:00+0000": 36,
      "2020-08-06T00:00:00+0000": 61,
      "2020-08-07T00:00:00+0000": 33,
      "2020-08-08T00:00:00+0000": 38,
      "2020-08-09T00:00:00+0000": 44,
      "2020-08-10T00:00:00+0000": 49
    },
    "deferred:policy:_total": {
      "2020-08-04T00:00:00+0000": 436766,
      "2020-08-05T00:00:00+0000": 412777,
      "2020-08-06T00:00:00+0000": 943,
      "2020-08-07T00:00:00+0000": 833,
      "2020-08-08T00:00:00+0000": 1169775,
      "2020-08-09T00:00:00+0000": 329048,
      "2020-08-10T00:00:00+0000": 273684
    },
    "deferred:policy:barracuda_realtime_system": {
      "2020-08-04T00:00:00+0000": 5,
      "2020-08-05T00:00:00+0000": 2,
      "2020-08-07T00:00:00+0000": 2,
      "2020-08-08T00:00:00+0000": 4
    }
  }
}
```

```
    },
    "deferred:policy:intent_analysis": {
      "2020-08-04T00:00:00+0000": 12,
      "2020-08-05T00:00:00+0000": 1,
      "2020-08-07T00:00:00+0000": 10,
      "2020-08-08T00:00:00+0000": 3,
      "2020-08-09T00:00:00+0000": 2
    },
    "deferred:policy:message_delivery_interrupted": {
      "2020-08-04T00:00:00+0000": 562,
      "2020-08-05T00:00:00+0000": 740,
      "2020-08-06T00:00:00+0000": 610,
      "2020-08-07T00:00:00+0000": 745,
      "2020-08-08T00:00:00+0000": 375,
      "2020-08-09T00:00:00+0000": 398,
      "2020-08-10T00:00:00+0000": 683
    },
    "deferred:policy:pending_scan": {
      "2020-08-04T00:00:00+0000": 2,
      "2020-08-05T00:00:00+0000": 2,
      "2020-08-09T00:00:00+0000": 2,
      "2020-08-10T00:00:00+0000": 2
    },
    "deferred:policy:rate_control": {
      "2020-08-04T00:00:00+0000": 434123,
      "2020-08-05T00:00:00+0000": 411962,
      "2020-08-08T00:00:00+0000": 1169348,
      "2020-08-09T00:00:00+0000": 311226,
      "2020-08-10T00:00:00+0000": 272598
    },
    "deferred:policy:suspicious": {
      "2020-08-05T00:00:00+0000": 70,
      "2020-08-06T00:00:00+0000": 333,
      "2020-08-07T00:00:00+0000": 76,
      "2020-08-08T00:00:00+0000": 45,
      "2020-08-09T00:00:00+0000": 17420,
      "2020-08-10T00:00:00+0000": 401
    }
  },
  "outbound": {
    "allowed:policy:_total": {
      "2020-08-05T00:00:00+0000": 4,
      "2020-08-06T00:00:00+0000": 12,
      "2020-08-07T00:00:00+0000": 7,
      "2020-08-08T00:00:00+0000": 4,
      "2020-08-09T00:00:00+0000": 3,
```

```
        "2020-08-10T00:00:00+0000": 17
    },
    "allowed:policy:ui_delivered": {
        "2020-08-05T00:00:00+0000": 4,
        "2020-08-06T00:00:00+0000": 12,
        "2020-08-07T00:00:00+0000": 7,
        "2020-08-08T00:00:00+0000": 4,
        "2020-08-09T00:00:00+0000": 3,
        "2020-08-10T00:00:00+0000": 17
    }
}
}
```

Sample Domain Level Statistics

Sample Request

```
curl -X GET
"https://api.barracudanetworks.com/beta/accounts/{account_id}/ess/domains/{do
main_id | domain_name}/statistics" \
--header "Authorization: Bearer {access_token}"
```

Sample Response

```
{
  "accountId": "5584599",
  "type": "email",
  "period": "24h",
  "count": "30",
  "inbound": {
    "allowed:policy:_total": {
      "2020-08-04T00:00:00+0000": 52,
      "2020-08-05T00:00:00+0000": 36,
      "2020-08-06T00:00:00+0000": 61,
      "2020-08-07T00:00:00+0000": 33,
      "2020-08-08T00:00:00+0000": 38,
      "2020-08-09T00:00:00+0000": 44,
      "2020-08-10T00:00:00+0000": 49
    },
    "allowed:policy:emailcat": {
      "2020-08-04T00:00:00+0000": 52,
      "2020-08-05T00:00:00+0000": 36,
      "2020-08-06T00:00:00+0000": 61,
```

```
    "2020-08-07T00:00:00+0000": 33,  
    "2020-08-08T00:00:00+0000": 38,  
    "2020-08-09T00:00:00+0000": 44,  
    "2020-08-10T00:00:00+0000": 49  
  },  
  "deferred:policy:_total": {  
    "2020-08-04T00:00:00+0000": 436766,  
    "2020-08-05T00:00:00+0000": 412777,  
    "2020-08-06T00:00:00+0000": 943,  
    "2020-08-07T00:00:00+0000": 833,  
    "2020-08-08T00:00:00+0000": 1169775,  
    "2020-08-09T00:00:00+0000": 329048,  
    "2020-08-10T00:00:00+0000": 273684  
  },  
  "deferred:policy:barracuda_realtime_system": {  
    "2020-08-04T00:00:00+0000": 5,  
    "2020-08-05T00:00:00+0000": 2,  
    "2020-08-07T00:00:00+0000": 2,  
    "2020-08-08T00:00:00+0000": 4  
  },  
  "deferred:policy:intent_analysis": {  
    "2020-08-04T00:00:00+0000": 12,  
    "2020-08-05T00:00:00+0000": 1,  
    "2020-08-07T00:00:00+0000": 10,  
    "2020-08-08T00:00:00+0000": 3,  
    "2020-08-09T00:00:00+0000": 2  
  },  
  "deferred:policy:message_delivery_interrupted": {  
    "2020-08-04T00:00:00+0000": 562,  
    "2020-08-05T00:00:00+0000": 740,  
    "2020-08-06T00:00:00+0000": 610,  
    "2020-08-07T00:00:00+0000": 745,  
    "2020-08-08T00:00:00+0000": 375,  
    "2020-08-09T00:00:00+0000": 398,  
    "2020-08-10T00:00:00+0000": 683  
  },  
  "deferred:policy:pending_scan": {  
    "2020-08-04T00:00:00+0000": 2,  
    "2020-08-05T00:00:00+0000": 2,  
    "2020-08-09T00:00:00+0000": 2,  
    "2020-08-10T00:00:00+0000": 2  
  },  
  "deferred:policy:rate_control": {  
    "2020-08-04T00:00:00+0000": 434123,  
    "2020-08-05T00:00:00+0000": 411962,  
    "2020-08-08T00:00:00+0000": 1169348,
```

```
    "2020-08-09T00:00:00+0000": 311226,  
    "2020-08-10T00:00:00+0000": 272598  
  },  
  "deferred:policy:suspicious": {  
    "2020-08-05T00:00:00+0000": 70,  
    "2020-08-06T00:00:00+0000": 333,  
    "2020-08-07T00:00:00+0000": 76,  
    "2020-08-08T00:00:00+0000": 45,  
    "2020-08-09T00:00:00+0000": 17420,  
    "2020-08-10T00:00:00+0000": 401  
  }  
},  
"outbound": {  
  "allowed:policy:_total": {  
    "2020-08-05T00:00:00+0000": 4,  
    "2020-08-06T00:00:00+0000": 12,  
    "2020-08-07T00:00:00+0000": 7,  
    "2020-08-08T00:00:00+0000": 4,  
    "2020-08-09T00:00:00+0000": 3,  
    "2020-08-10T00:00:00+0000": 17  
  },  
  "allowed:policy:ui_delivered": {  
    "2020-08-05T00:00:00+0000": 4,  
    "2020-08-06T00:00:00+0000": 12,  
    "2020-08-07T00:00:00+0000": 7,  
    "2020-08-08T00:00:00+0000": 4,  
    "2020-08-09T00:00:00+0000": 3,  
    "2020-08-10T00:00:00+0000": 17  
  }  
}  
}
```

Examples

Example 1: Display 3 hours (count) of data in 1-hour block (period)

Sample Request

```
curl -X GET  
"https://api.barracudanetworks.com/beta/accounts/{account_id}/ess/statistics?  
type=email&period=1h&count=3" \  
--header "Authorization: Bearer {access_token}"
```

Sample Response

```
{
  "accountId": "5584599",
  "type": "email",
  "period": "1h",
  "count": "3",
  "inbound": {
    "allowed:policy:_total": {
      "2020-08-10T20:00:00+0000": 3
    },
    "allowed:policy:emailcat": {
      "2020-08-10T20:00:00+0000": 3
    },
    "deferred:policy:_total": {
      "2020-08-10T20:00:00+0000": 44,
      "2020-08-10T21:00:00+0000": 25,
      "2020-08-10T22:00:00+0000": 29,
      "2020-08-10T23:00:00+0000": 2
    },
    "deferred:policy:message_delivery_interrupted": {
      "2020-08-10T20:00:00+0000": 36,
      "2020-08-10T21:00:00+0000": 18,
      "2020-08-10T22:00:00+0000": 22,
      "2020-08-10T23:00:00+0000": 1
    },
    "deferred:policy:suspicious": {
      "2020-08-10T20:00:00+0000": 8,
      "2020-08-10T21:00:00+0000": 7,
      "2020-08-10T22:00:00+0000": 7,
      "2020-08-10T23:00:00+0000": 1
    }
  },
  "outbound": {
    "allowed:policy:_total": {
      "2020-08-10T20:00:00+0000": 3,
      "2020-08-10T21:00:00+0000": 1,
      "2020-08-10T22:00:00+0000": 5,
      "2020-08-10T23:00:00+0000": 2
    },
    "allowed:policy:ui_delivered": {
      "2020-08-10T20:00:00+0000": 3,
      "2020-08-10T21:00:00+0000": 1,
      "2020-08-10T22:00:00+0000": 5,
      "2020-08-10T23:00:00+0000": 2
    }
  }
}
```

```
}  
}  
}
```

Example 2: Display 5 days (count) of data in 24-hour blocks (period)

Sample Request

```
curl -X GET  
"https://api.barracudanetworks.com/beta/accounts/{account_id}/ess/statistics?  
type=email&period=24h&count=5" \  
--header "Authorization: Bearer {access_token}"
```

Sample Response

```
{  
  "accountId": "5584599",  
  "type": "email",  
  "period": "24h",  
  "count": "5",  
  "inbound": {  
    "allowed:policy:_total": {  
      "2020-08-05T00:00:00+0000": 36,  
      "2020-08-06T00:00:00+0000": 61,  
      "2020-08-07T00:00:00+0000": 33,  
      "2020-08-08T00:00:00+0000": 38,  
      "2020-08-09T00:00:00+0000": 44,  
      "2020-08-10T00:00:00+0000": 49  
    },  
    "allowed:policy:emailcat": {  
      "2020-08-05T00:00:00+0000": 36,  
      "2020-08-06T00:00:00+0000": 61,  
      "2020-08-07T00:00:00+0000": 33,  
      "2020-08-08T00:00:00+0000": 38,  
      "2020-08-09T00:00:00+0000": 44,  
      "2020-08-10T00:00:00+0000": 49  
    },  
    "deferred:policy:_total": {  
      "2020-08-05T00:00:00+0000": 412777,  
      "2020-08-06T00:00:00+0000": 943,  
      "2020-08-07T00:00:00+0000": 833,  
      "2020-08-08T00:00:00+0000": 1169775,  
      "2020-08-09T00:00:00+0000": 329048,  
      "2020-08-10T00:00:00+0000": 273684  
    }  
  },  
}
```

```
"deferred:policy:barracuda_realtime_system": {
  "2020-08-05T00:00:00+0000": 2,
  "2020-08-07T00:00:00+0000": 2,
  "2020-08-08T00:00:00+0000": 4
},
"deferred:policy:intent_analysis": {
  "2020-08-05T00:00:00+0000": 1,
  "2020-08-07T00:00:00+0000": 10,
  "2020-08-08T00:00:00+0000": 3,
  "2020-08-09T00:00:00+0000": 2
},
"deferred:policy:message_delivery_interrupted": {
  "2020-08-05T00:00:00+0000": 740,
  "2020-08-06T00:00:00+0000": 610,
  "2020-08-07T00:00:00+0000": 745,
  "2020-08-08T00:00:00+0000": 375,
  "2020-08-09T00:00:00+0000": 398,
  "2020-08-10T00:00:00+0000": 683
},
"deferred:policy:pending_scan": {
  "2020-08-05T00:00:00+0000": 2,
  "2020-08-09T00:00:00+0000": 2,
  "2020-08-10T00:00:00+0000": 2
},
"deferred:policy:rate_control": {
  "2020-08-05T00:00:00+0000": 411962,
  "2020-08-08T00:00:00+0000": 1169348,
  "2020-08-09T00:00:00+0000": 311226,
  "2020-08-10T00:00:00+0000": 272598
},
"deferred:policy:suspicious": {
  "2020-08-05T00:00:00+0000": 70,
  "2020-08-06T00:00:00+0000": 333,
  "2020-08-07T00:00:00+0000": 76,
  "2020-08-08T00:00:00+0000": 45,
  "2020-08-09T00:00:00+0000": 17420,
  "2020-08-10T00:00:00+0000": 401
}
},
"outbound": {
  "allowed:policy:_total": {
    "2020-08-05T00:00:00+0000": 4,
    "2020-08-06T00:00:00+0000": 12,
    "2020-08-07T00:00:00+0000": 7,
    "2020-08-08T00:00:00+0000": 4,
    "2020-08-09T00:00:00+0000": 3,
```

```

        "2020-08-10T00:00:00+0000": 17
      },
      "allowed:policy:ui_delivered": {
        "2020-08-05T00:00:00+0000": 4,
        "2020-08-06T00:00:00+0000": 12,
        "2020-08-07T00:00:00+0000": 7,
        "2020-08-08T00:00:00+0000": 4,
        "2020-08-09T00:00:00+0000": 3,
        "2020-08-10T00:00:00+0000": 17
      }
    }
  }
}

```

Example 3: Display 5 days (count) of data in 24-hour blocks (period) using daily as an alias for period

Sample Request

```

curl -X GET
"https://api.barracudanetworks.com/beta/accounts/{account_id}/ess/statistics?
type=email&period=daily&count=5" \
--header "Authorization: Bearer {access_token}"

```

Sample Response

```

{
  "accountId": "5584599",
  "type": "email",
  "period": "24h",
  "count": "5",
  "inbound": {
    "allowed:policy:_total": {
      "2020-08-05T00:00:00+0000": 36,
      "2020-08-06T00:00:00+0000": 61,
      "2020-08-07T00:00:00+0000": 33,
      "2020-08-08T00:00:00+0000": 38,
      "2020-08-09T00:00:00+0000": 44,
      "2020-08-10T00:00:00+0000": 49
    },
    "allowed:policy:emailcat": {
      "2020-08-05T00:00:00+0000": 36,
      "2020-08-06T00:00:00+0000": 61,
      "2020-08-07T00:00:00+0000": 33,
      "2020-08-08T00:00:00+0000": 38,
      "2020-08-09T00:00:00+0000": 44,
      "2020-08-10T00:00:00+0000": 49
    }
  }
}

```

```
},
"deferred:policy:_total": {
  "2020-08-05T00:00:00+0000": 412777,
  "2020-08-06T00:00:00+0000": 943,
  "2020-08-07T00:00:00+0000": 833,
  "2020-08-08T00:00:00+0000": 1169775,
  "2020-08-09T00:00:00+0000": 329048,
  "2020-08-10T00:00:00+0000": 273684
},
"deferred:policy:barracuda_realtime_system": {
  "2020-08-05T00:00:00+0000": 2,
  "2020-08-07T00:00:00+0000": 2,
  "2020-08-08T00:00:00+0000": 4
},
"deferred:policy:intent_analysis": {
  "2020-08-05T00:00:00+0000": 1,
  "2020-08-07T00:00:00+0000": 10,
  "2020-08-08T00:00:00+0000": 3,
  "2020-08-09T00:00:00+0000": 2
},
"deferred:policy:message_delivery_interrupted": {
  "2020-08-05T00:00:00+0000": 740,
  "2020-08-06T00:00:00+0000": 610,
  "2020-08-07T00:00:00+0000": 745,
  "2020-08-08T00:00:00+0000": 375,
  "2020-08-09T00:00:00+0000": 398,
  "2020-08-10T00:00:00+0000": 683
},
"deferred:policy:pending_scan": {
  "2020-08-05T00:00:00+0000": 2,
  "2020-08-09T00:00:00+0000": 2,
  "2020-08-10T00:00:00+0000": 2
},
"deferred:policy:rate_control": {
  "2020-08-05T00:00:00+0000": 411962,
  "2020-08-08T00:00:00+0000": 1169348,
  "2020-08-09T00:00:00+0000": 311226,
  "2020-08-10T00:00:00+0000": 272598
},
"deferred:policy:suspicious": {
  "2020-08-05T00:00:00+0000": 70,
  "2020-08-06T00:00:00+0000": 333,
  "2020-08-07T00:00:00+0000": 76,
  "2020-08-08T00:00:00+0000": 45,
  "2020-08-09T00:00:00+0000": 17420,
  "2020-08-10T00:00:00+0000": 401
}
```

```
    }  
  },  
  "outbound": {  
    "allowed:policy:_total": {  
      "2020-08-05T00:00:00+0000": 4,  
      "2020-08-06T00:00:00+0000": 12,  
      "2020-08-07T00:00:00+0000": 7,  
      "2020-08-08T00:00:00+0000": 4,  
      "2020-08-09T00:00:00+0000": 3,  
      "2020-08-10T00:00:00+0000": 17  
    },  
    "allowed:policy:ui_delivered": {  
      "2020-08-05T00:00:00+0000": 4,  
      "2020-08-06T00:00:00+0000": 12,  
      "2020-08-07T00:00:00+0000": 7,  
      "2020-08-08T00:00:00+0000": 4,  
      "2020-08-09T00:00:00+0000": 3,  
      "2020-08-10T00:00:00+0000": 17  
    }  
  }  
}
```

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