

Riverbed Cloud Synchronization API. v2.0

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Overview

Resources

Setup: Setup Hyperion

Initialize Hyperion integration.

```
PUT https://{device}/api/npm.cloud_sync/2.0/setup
```

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```
{
  "blob": {
    "connection_string": string,
    "container": string,
    "data_source_id": string
  },
  "user_account": {
    "password": string,
    "username": string
  }
}
```

Property Name	Type	Description	Notes
<i>CloudSyncSetup</i>	<i><object></i>	Initial Hyperion setup information.	
<i>CloudSyncSetup.blob</i>	<i><object></i>	Configuration of the outgoing blob storage.	
<i>CloudSyncSetup.blob.connection_string</i>	<i><string></i>	Connection string for the outgoing blob storage.	
<i>CloudSyncSetup.blob.container</i>	<i><string></i>	Container name.	
<i>CloudSyncSetup.blob.data_source_id</i>	<i><string></i>	Data source ID.	
<i>CloudSyncSetup.user_account</i>	<i><object></i>	Credentials for the Hyperion user.	
<i>CloudSyncSetup.user_account.password</i>	<i><string></i>	Password for the Hyperion user.	
<i>CloudSyncSetup.user_account.username</i>	<i><string></i>	User name for the Hyperion user.	

Response Body

On success, the server does not provide any body in the responses.

Sync: Get Sync Configuration

Obsoleted. Please do not use anymore. Set the cloud synchronization configuration.

```
GET https://{device}/api/npm.cloud_sync/2.0/sync
```

Authorization

This request requires authorization.

Response Body

On success, the server returns a response body with the following structure:

JSON

```

{
  "enabled": string,
  "data": {
    "entities": {
      [CloudSyncObject]: {
        "source": string,
        "keys": [
          {
            "source": string,
            "process": string,
            "target": string
          }
        ],
        "metrics": [
          {
            "source": string,
            "target_unit": string,
            "source_unit": string,
            "process": string,
            "target": string,
            "target_type": string
          }
        ],
        "granularities": [
          number
        ],
        "destination": string
      }
    },
    "version": string,
    "timestamp": {
      "target_unit": string,
      "target": string,
      "target_type": string
    }
  },
  "push_interval": number
}

```

Example:

```

{
  "enabled": true
}

```

Property Name	Type	Description	Notes
<i>CloudSyncConfig</i>	<object>	Hyperion Sync Configuration.	
<i>CloudSyncConfig.enabled</i>	<string>	Flag indicating if data/metadata synchronization is enabled.	
<i>CloudSyncConfig.data</i>	<object>	Data synchronization configuration.	Optional
<i>CloudSyncConfig.data.entities</i>	<object>	Per-type data configuration.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject]	<object>	Configuration for a specific data type.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].source	<string>	Source property.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].keys	<array of <object>>	Mapping of objects identifiers from a point product to Hyperion fields.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].keys [CloudSyncKeyMapping]	<object>	Mapping of objects identifiers from a point product to Hyperion fields.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].keys [CloudSyncKeyMapping].source	<string>	Identifier source (source table).	
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].keys [CloudSyncKeyMapping].process	<string>	Process name.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].keys [CloudSyncKeyMapping].target	<string>	Hyperion key name.	
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics	<array of <object>>	Mapping of objects metrics from a point product to Hyperion fields.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics [CloudSyncMetricMapping]	<object>	Mapping of objects metrics from a point product to Hyperion fields.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics [CloudSyncMetricMapping].source	<string>	Profiler metric name.	

<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics [CloudSyncMetricMapping].target_unit	<string>	Hyperion unit.	
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics [CloudSyncMetricMapping].source_unit	<string>	Profiler unit.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics [CloudSyncMetricMapping].process	<string>	Process function name.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics [CloudSyncMetricMapping].target	<string>	Hyperion metric name.	
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics [CloudSyncMetricMapping].target_type	<string>	Hyperion unit type (integer/float/string/boolean).	Optional; Values: integer, float, string, boolean
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].granularities	<array of <number>>	List of granularities.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].granularities[item]	<number>	Granularity in seconds.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].destination	<string>	Target property.	Optional
<i>CloudSyncConfig.data.version</i>	<string>	Semantic version.	
<i>CloudSyncConfig.data.timestamp</i>	<object>	Timestamp mapping configuration.	
<i>CloudSyncConfig.data.timestamp.target_unit</i>	<string>	Hyperion unit.	Optional
<i>CloudSyncConfig.data.timestamp.target</i>	<string>	Hyperion property name.	Optional
<i>CloudSyncConfig.data.timestamp.target_type</i>	<string>	Hyperion type.	Optional
<i>CloudSyncConfig.push_interval</i>	<number>	Push interval in seconds.	Optional

Sync: Set DB objects

Get a list of configured clickhouse precomputations.

PUT https://{device}/api/npm.cloud_sync/2.0/sync/clickhouse

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```
{
  "flag": number,
  "name": string
}
```

Property Name	Type	Description	Notes
<i>ClickhouseTableUpdate</i>	<object>	Configuration object for clickhouse precomputation.	
<i>ClickhouseTableUpdate.flag</i>	<number>	State: 1 - enabled; 4 - disabled.	
<i>ClickhouseTableUpdate.name</i>	<string>	Name of object to precompue.	

Response Body

On success, the server does not provide any body in the responses.

Sync: List DB of objects

Get a list of configured clickhouse precomputations.

GET https://{device}/api/npm.cloud_sync/2.0/sync/clickhouse

Authorization

This request requires authorization.

Response Body

On success, the server returns a response body with the following structure:

JSON

```
[
  {
    "flag": number,
    "disk_limit_kb": number,
    "disk_usage_kb": number,
    "query_bundle_id": number,
    "blade_id": number,
    "resolution": number,
    "retention_days": number,
    "last_update": number,
    "first_update": number,
    "name": string
  }
]
```

Example:

```
[]
```

Property Name	Type	Description	Notes
<i>ClickhouseTables</i>	<array of <object>>	Configuration objects for clickhouse precomputation.	
<i>ClickhouseTables</i> [ClickhouseTable]	<object>	Configuration objects for clickhouse precomputation.	Optional
<i>ClickhouseTables</i> [ClickhouseTable].flag	<number>	State: 1 - enabled; 4 - disabled.	
<i>ClickhouseTables</i> [ClickhouseTable].disk_limit_kb	<number>	Disk limit.	
<i>ClickhouseTables</i> [ClickhouseTable].disk_usage_kb	<number>	Current disk usage.	
<i>ClickhouseTables</i> [ClickhouseTable].query_bundle_id	<number>	Bundle ID.	
<i>ClickhouseTables</i> [ClickhouseTable].blade_id	<number>	Blade ID.	
<i>ClickhouseTables</i> [ClickhouseTable].resolution	<number>	Resolution.	
<i>ClickhouseTables</i> [ClickhouseTable].retention_days	<number>	Disk retention.	
<i>ClickhouseTables</i> [ClickhouseTable].last_update	<number>	Last updated.	
<i>ClickhouseTables</i> [ClickhouseTable].first_update	<number>	First updated.	
<i>ClickhouseTables</i> [ClickhouseTable].name	<string>	Name of object to precompue.	

Sync: Set Sync Configuration

Obsoleted. Please do not use anymore. Set the cloud synchronization configuration.

```
PUT https://{device}/api/npm.cloud_sync/2.0/sync
```

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```

{
  "enabled": string,
  "data": {
    "entities": {
      [CloudSyncObject]: {
        "source": string,
        "keys": [
          {
            "source": string,
            "process": string,
            "target": string
          }
        ],
        "metrics": [
          {
            "source": string,
            "target_unit": string,
            "source_unit": string,
            "process": string,
            "target": string,
            "target_type": string
          }
        ],
        "granularities": [
          number
        ],
        "destination": string
      }
    },
    "version": string,
    "timestamp": {
      "target_unit": string,
      "target": string,
      "target_type": string
    }
  },
  "push_interval": number
}

```

Example:

```

{
  "enabled": true
}

```

Property Name	Type	Description	Notes
<i>CloudSyncConfig</i>	<object>	Hyperion Sync Configuration.	
<i>CloudSyncConfig.enabled</i>	<string>	Flag indicating if data/metadata synchronization is enabled.	
<i>CloudSyncConfig.data</i>	<object>	Data synchronization configuration.	Optional
<i>CloudSyncConfig.data.entities</i>	<object>	Per-type data configuration.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject]	<object>	Configuration for a specific data type.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].source	<string>	Source property.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].keys	<array of <object>>	Mapping of objects identifiers from a point product to Hyperion fields.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].keys [CloudSyncKeyMapping]	<object>	Mapping of objects identifiers from a point product to Hyperion fields.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].keys [CloudSyncKeyMapping].source	<string>	Identifier source (source table).	
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].keys [CloudSyncKeyMapping].process	<string>	Process name.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].keys [CloudSyncKeyMapping].target	<string>	Hyperion key name.	
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics	<array of <object>>	Mapping of objects metrics from a point product to Hyperion fields.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics [CloudSyncMetricMapping]	<object>	Mapping of objects metrics from a point product to Hyperion fields.	Optional
<i>CloudSyncConfig.data.entities</i> [CloudSyncObject].metrics [CloudSyncMetricMapping].source	<string>	Profiler metric name.	

<code>CloudSyncConfig.data.entities</code> <code>[CloudSyncObject].metrics</code> <code>[CloudSyncMetricMapping].target_unit</code>	<code><string></code>	Hyperion unit.	
<code>CloudSyncConfig.data.entities</code> <code>[CloudSyncObject].metrics</code> <code>[CloudSyncMetricMapping].source_unit</code>	<code><string></code>	Profiler unit.	Optional
<code>CloudSyncConfig.data.entities</code> <code>[CloudSyncObject].metrics</code> <code>[CloudSyncMetricMapping].process</code>	<code><string></code>	Process function name.	Optional
<code>CloudSyncConfig.data.entities</code> <code>[CloudSyncObject].metrics</code> <code>[CloudSyncMetricMapping].target</code>	<code><string></code>	Hyperion metric name.	
<code>CloudSyncConfig.data.entities</code> <code>[CloudSyncObject].metrics</code> <code>[CloudSyncMetricMapping].target_type</code>	<code><string></code>	Hyperion unit type (integer/float/string/boolean).	Optional; Values: integer, float, string, boolean
<code>CloudSyncConfig.data.entities</code> <code>[CloudSyncObject].granularities</code>	<code><array of <number>></code>	List of granularities.	Optional
<code>CloudSyncConfig.data.entities</code> <code>[CloudSyncObject].granularities[item]</code>	<code><number></code>	Granularity in seconds.	Optional
<code>CloudSyncConfig.data.entities</code> <code>[CloudSyncObject].destination</code>	<code><string></code>	Target property.	Optional
<code>CloudSyncConfig.data.version</code>	<code><string></code>	Semantic version.	
<code>CloudSyncConfig.data.timestamp</code>	<code><object></code>	Timestamp mapping configuration.	
<code>CloudSyncConfig.data.timestamp.target_unit</code>	<code><string></code>	Hyperion unit.	Optional
<code>CloudSyncConfig.data.timestamp.target</code>	<code><string></code>	Hyperion property name.	Optional
<code>CloudSyncConfig.data.timestamp.target_type</code>	<code><string></code>	Hyperion type.	Optional
<code>CloudSyncConfig.push_interval</code>	<code><number></code>	Push interval in seconds.	Optional

Response Body

On success, the server does not provide any body in the responses.

Reports: Create Report

Create a new Hyperion report instance.

```
POST https://{device}/api/npm.cloud_sync/2.0/reports
```

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```
{
  "meta": {
    "data_source_id": string
  },
  "report": {
    "criteria": {
      "traffic_expression": string,
      "time_frame": {
        "time_interval": string,
        "resolution": string,
        "end": number,
        "expression": string,
        "start": number,
        "time_zone": string
      },
    },
    "query": {
      "ports": [
        {
          "port": number,
          "protocol": number,
          "name": string
        }
      ],
      "dscp_app_ports": [
        {
          "port": {
```

```
"port": number,
"protocol": number,
"name": string
},
"app": {
  "id": number,
  "code": string,
  "name": string,
  "tunneled": string
},
"dscp": {
  "name": string,
  "code_point": number
}
},
],
"port_groups": [
  {
    "name": string,
    "group_id": number
  }
],
"cbqos_classes": [
  {
    "id": string
  }
],
"bgpasscope": string,
"host_group_pairs": [
  {
    "server": {
      "name": string,
      "group_id": number
    },
    "client": {
      "name": string,
      "group_id": number
    }
  }
],
"wan_group": string,
"traffic_expression": string,
"include_non_optimized_sites": string,
"columns": [
  number
],
"sort_direction": string,
"bgpas_pairs": [
  {
    "server": {
      "id": number,
      "name": string
    },
    "client": {
      "id": number,
      "name": string
    }
  }
],
"application_servers": [
  {
    "app": {
      "id": number,
      "code": string,
      "name": string,
      "tunneled": string
    },
    "server": {
      "mac": string,
      "ipaddr": string,
      "name": string
    }
  }
],
"devices": [
  {
    "ipaddr": string,
    "name": string
  }
],
"application_ports": [
  {
    "port": {
      "port": number,
      "protocol": number,
      "name": string
    },
  },
],
```



```
"app": {
  "id": number,
  "code": string,
  "name": string,
  "tunneled": string
}
],
"mplsexpbits": [
  {
    "traffic_class": string,
    "exp_bit": number
  }
],
"bgpas_host_groups": [
  {
    "host_group": {
      "name": string,
      "group_id": number
    },
    "bgpas": {
      "id": number,
      "name": string
    }
  }
],
"host_pair_ports": [
  {
    "port": {
      "port": number,
      "protocol": number,
      "name": string
    },
    "server": {
      "mac": string,
      "ipaddr": string,
      "name": string
    },
    "client": {
      "mac": string,
      "ipaddr": string,
      "name": string
    }
  }
],
"dscp_interfaces": [
  {
    "interface": {
      "ipaddr": string,
      "name": string,
      "ifindex": number
    },
    "dscp": {
      "name": string,
      "code_point": number
    }
  }
],
"bgpas": [
  {
    "id": number,
    "name": string
  }
],
"role": string,
"show_ttl": string,
"group_by": string,
"case_insensitive": string,
"switch_name": string,
"macs": string,
"host_group_type": string,
"host_pair_app_ports": [
  {
    "port": {
      "port": number,
      "protocol": number,
      "name": string
    },
    "app": {
      "id": number,
      "code": string,
      "name": string,
      "tunneled": string
    },
    "server": {
      "mac": string,
      "ipaddr": string,
```

```
    "name": string
  },
  "client": {
    "mac": string,
    "ipaddr": string,
    "name": string
  }
},
"direction": string,
"users": [
  {
    "name": string
  }
],
"switch_ports": string,
"sort_column": number,
"host_group_pair_ports": [
  {
    "port": {
      "port": number,
      "protocol": number,
      "name": string
    },
    "server": {
      "name": string,
      "group_id": number
    },
    "client": {
      "name": string,
      "group_id": number
    }
  }
],
"network_segments": [
  {
    "src": {
      "ipaddr": string,
      "name": string,
      "ifindex": number
    },
    "dst": {
      "ipaddr": string,
      "name": string,
      "ifindex": number
    }
  }
],
"macless_ports": string,
"hosts": [
  {
    "mac": string,
    "ipaddr": string,
    "name": string
  }
],
"ignore_dhcp": string,
"host_pairs": [
  {
    "server": {
      "mac": string,
      "ipaddr": string,
      "name": string
    },
    "client": {
      "mac": string,
      "ipaddr": string,
      "name": string
    }
  }
],
"area": string,
"protocols": [
  {
    "id": number,
    "name": string
  }
],
"group_dev_iface": string,
"centricity": string,
"limit": number,
"interfaces": [
  {
    "ipaddr": string,
    "name": string,
    "ifindex": number
  }
]
}
```

```
,
"host_groups": [
  {
    "name": string,
    "group_id": number
  }
],
"realm": string,
"dscps": [
  {
    "name": string,
    "code_point": number
  }
],
"applications": [
  {
    "id": number,
    "code": string,
    "name": string,
    "tunneled": string
  }
]
},
"network_type": string,
"queries": [
  {
    "ports": [
      {
        "port": number,
        "protocol": number,
        "name": string
      }
    ],
    "dscp_app_ports": [
      {
        "port": {
          "port": number,
          "protocol": number,
          "name": string
        },
        "app": {
          "id": number,
          "code": string,
          "name": string,
          "tunneled": string
        },
        "dscp": {
          "name": string,
          "code_point": number
        }
      }
    ],
    "port_groups": [
      {
        "name": string,
        "group_id": number
      }
    ],
    "cbqos_classes": [
      {
        "id": string
      }
    ],
    "bgpasscope": string,
    "host_group_pairs": [
      {
        "server": {
          "name": string,
          "group_id": number
        },
        "client": {
          "name": string,
          "group_id": number
        }
      }
    ],
    "wan_group": string,
    "traffic_expression": string,
    "include_non_optimized_sites": string,
    "columns": [
      number
    ],
    "sort_direction": string,
    "bgpas_pairs": [
      {
        "server": {
          "id": number,
          "name": string
        }
      }
    ]
  }
]
```

```
    },
    "client": {
      "id": number,
      "name": string
    }
  },
],
"application_servers": [
  {
    "app": {
      "id": number,
      "code": string,
      "name": string,
      "tunneled": string
    },
    "server": {
      "mac": string,
      "ipaddr": string,
      "name": string
    }
  }
],
"devices": [
  {
    "ipaddr": string,
    "name": string
  }
],
"application_ports": [
  {
    "port": {
      "port": number,
      "protocol": number,
      "name": string
    },
    "app": {
      "id": number,
      "code": string,
      "name": string,
      "tunneled": string
    }
  }
],
"mplsexpbits": [
  {
    "traffic_class": string,
    "exp_bit": number
  }
],
"bgpas_host_groups": [
  {
    "host_group": {
      "name": string,
      "group_id": number
    },
    "bgpas": {
      "id": number,
      "name": string
    }
  }
],
"host_pair_ports": [
  {
    "port": {
      "port": number,
      "protocol": number,
      "name": string
    },
    "server": {
      "mac": string,
      "ipaddr": string,
      "name": string
    },
    "client": {
      "mac": string,
      "ipaddr": string,
      "name": string
    }
  }
],
"dscp_interfaces": [
  {
    "interface": {
      "ipaddr": string,
      "name": string,
      "ifindex": number
    },

```

```
"dscp": {
  "name": string,
  "code_point": number
}
],
"bgpas": [
  {
    "id": number,
    "name": string
  }
],
"role": string,
"show_ttl": string,
"group_by": string,
"case_insensitive": string,
"switch_name": string,
"macs": string,
"host_group_type": string,
"host_pair_app_ports": [
  {
    "port": {
      "port": number,
      "protocol": number,
      "name": string
    },
    "app": {
      "id": number,
      "code": string,
      "name": string,
      "tunneled": string
    },
    "server": {
      "mac": string,
      "ipaddr": string,
      "name": string
    },
    "client": {
      "mac": string,
      "ipaddr": string,
      "name": string
    }
  }
],
"direction": string,
"users": [
  {
    "name": string
  }
],
"switch_ports": string,
"sort_column": number,
"host_group_pair_ports": [
  {
    "port": {
      "port": number,
      "protocol": number,
      "name": string
    },
    "server": {
      "name": string,
      "group_id": number
    },
    "client": {
      "name": string,
      "group_id": number
    }
  }
],
"network_segments": [
  {
    "src": {
      "ipaddr": string,
      "name": string,
      "ifindex": number
    },
    "dst": {
      "ipaddr": string,
      "name": string,
      "ifindex": number
    }
  }
],
"macless_ports": string,
"hosts": [
  {
    "mac": string,
```

```

    "ipaddr": string,
    "name": string
  }
],
"ignore_dhcp": string,
"host_pairs": [
  {
    "server": {
      "mac": string,
      "ipaddr": string,
      "name": string
    },
    "client": {
      "mac": string,
      "ipaddr": string,
      "name": string
    }
  }
],
"area": string,
"protocols": [
  {
    "id": number,
    "name": string
  }
],
"group_dev_iface": string,
"centricity": string,
"limit": number,
"interfaces": [
  {
    "ipaddr": string,
    "name": string,
    "ifindex": number
  }
],
"host_groups": [
  {
    "name": string,
    "group_id": number
  }
],
"realm": string,
"dscps": [
  {
    "name": string,
    "code_point": number
  }
],
"applications": [
  {
    "id": number,
    "code": string,
    "name": string,
    "tunneled": string
  }
]
},
"deprecated": {
  [prop]: string
},
"vni": string,
"fast_data_source": string,
"app_reduction": string
},
"timeout": number,
"name": string,
"template_id": number
},
"uuid": string
}

```

Property Name	Type	Description	Notes
<i>CloudSyncOnDemandReport</i>	<object>	Data Ocean on-demand report request.	
<i>CloudSyncOnDemandReport.meta</i>	<object>	Cloud meta info.	
<i>CloudSyncOnDemandReport.meta.data_source_id</i>	<string>	Data source ID.	
<i>CloudSyncOnDemandReport.report</i>	<object>	Report definition.	
<i>CloudSyncOnDemandReport.report.criteria</i>	<object>	Criteria needed to run the report.	Optional
<i>CloudSyncOnDemandReport.report.criteria.traffic_expression</i>	<string>	Traffic expression.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.time_frame	<object>	Time frame object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.time_frame.time_interval	<string>	Time interval pipe-separated string (example: 'last[1]hour').	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.time_frame.resolution	<string>	Report data resolution. It can be one of: flow, 1min, 5min, 15min, hour, 6hour, day, week, month. If not specified a resolution will automatically be selected based on time frame of the report.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.time_frame.end	<number>	Report end time (unix time).	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.time_frame.expression	<string>	Traffic expression.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.time_frame.start	<number>	Report start time (unix time).	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.time_frame.time_zone	<string>	Time zone name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query	<object>	Query object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.ports	<array of <object>>	Query ports. Can be one of GET /reporting/ports.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.ports[CProtoPort]	<object>	One CProtoPort object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.ports[CProtoPort].port	<number>	Port specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.ports[CProtoPort].protocol	<number>	Protocol specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.ports[CProtoPort].name	<string>	Protocol + port combination name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports	<array of <object>>	Query dscp_app_ports. Can be one of GET /reporting/dscp_app_ports.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort]	<object>	One CDSCPAppPort object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].port	<object>	Port specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].port.port	<number>	Port specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].port.protocol	<number>	Protocol specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].port.name	<string>	Protocol + port combination name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].app	<object>	Application specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].app.id	<number>	Application id.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].app.code	<string>	Application code.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].app.name	<string>	Application name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].app.tunneled	<string>	Flag: is the application tunneled.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].dscp	<object>	DSCP specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].dscp.name	<string>	DSCP name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_app_ports[CDSCPAppPort].dscp.code_point	<number>	DSCP code point.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.port_groups	<array of <object>>	Query port_groups. Can be one of GET /reporting/port_groups.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.port_groups[CPortGroup]	<object>	One CPortGroup object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.port_groups[CPortGroup].name	<string>	Name of the port group.	Optional

<code>CloudSyncOnDemandReport.report.criteria.query.port_groups[CPortGroup].group_id</code>	<code><number></code>	ID of the port group.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.cbqos_classes</code>	<code><array of <object>></code>	Query CBQoS classes.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.cbqos_classes[CCBQOSCLASS]</code>	<code><object></code>	Object representing a CBQoS class.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.cbqos_classes[CCBQOSCLASS].id</code>	<code><string></code>	CBQoS class id.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.bgpasscope</code>	<code><string></code>	Query autonomous system scope.	Optional; Values: ALL, PRIVATE, PUBLIC
<code>CloudSyncOnDemandReport.report.criteria.query.host_group_pairs</code>	<code><array of <object>></code>	Query host_group_pairs. Can be one of GET /reporting/host_group_pairs.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_group_pairs[CHostGroupPair]</code>	<code><object></code>	One CHostGroupPair object.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_group_pairs[CHostGroupPair].server</code>	<code><object></code>	Server host group specification.	
<code>CloudSyncOnDemandReport.report.criteria.query.host_group_pairs[CHostGroupPair].server.name</code>	<code><string></code>	Host group name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_group_pairs[CHostGroupPair].server.group_id</code>	<code><number></code>	Host group ID.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_group_pairs[CHostGroupPair].client</code>	<code><object></code>	Client host group specification.	
<code>CloudSyncOnDemandReport.report.criteria.query.host_group_pairs[CHostGroupPair].client.name</code>	<code><string></code>	Host group name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_group_pairs[CHostGroupPair].client.group_id</code>	<code><number></code>	Host group ID.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.wan_group</code>	<code><string></code>	Query WAN group. Can be any Interface Group under /WAN.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.traffic_expression</code>	<code><string></code>	Query-specific traffic expression.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.include_non_optimized_sites</code>	<code><string></code>	Query include non-optimized. Include non-optimized sites in a WAN query.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.columns</code>	<code><array of <number>></code>	Query columns. Can be many of GET /reporting/columns.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.columns[item]</code>	<code><number></code>	Query column.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.sort_direction</code>	<code><string></code>	Query sort direction. Can be one of ASC, DESC. ASC will return bottom talkers. DESC will return top talkers (default).	Optional; Values: ASC, DESC
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas_pairs</code>	<code><array of <object>></code>	Query autonomous system pairs.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas_pairs[CBGPASPair]</code>	<code><object></code>	Pair of Autonomous Systems.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas_pairs[CBGPASPair].server</code>	<code><object></code>	Object representing a server Autonomous System.	
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas_pairs[CBGPASPair].server.id</code>	<code><number></code>	Autonomous System Number.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas_pairs[CBGPASPair].server.name</code>	<code><string></code>	Autonomous System Name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas_pairs[CBGPASPair].client</code>	<code><object></code>	Object representing a client Autonomous System.	
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas_pairs[CBGPASPair].client.id</code>	<code><number></code>	Autonomous System Number.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas_pairs[CBGPASPair].client.name</code>	<code><string></code>	Autonomous System Name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.application_servers</code>	<code><array of <object>></code>	Query application_servers. Can be one of GET /reporting/application_servers.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.application_servers [CApplicationServer]</code>	<code><object></code>	One CApplicationServer object.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_servers [CApplicationServer].app	<object>	Application specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_servers [CApplicationServer].app.id	<number>	Application id.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_servers [CApplicationServer].app.code	<string>	Application code.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_servers [CApplicationServer].app.name	<string>	Application name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_servers [CApplicationServer].app.tunneled	<string>	Flag: is the application tunneled.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_servers [CApplicationServer].server	<object>	Server specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_servers [CApplicationServer].server.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_servers [CApplicationServer].server.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_servers [CApplicationServer].server.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.devices	<array of <object>>	Query devices. Can be one of GET /reporting/devices.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.devices[CDevice]	<object>	One CDevice object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.devices[CDevice].ipaddr	<string>	Device IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.devices[CDevice].name	<string>	Device name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports	<array of <object>>	Query application_ports. Can be one of GET /reporting/application_ports.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports [CApplicationPort]	<object>	One CApplicationPort object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports [CApplicationPort].port	<object>	Port specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports [CApplicationPort].port.port	<number>	Port specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports [CApplicationPort].port.protocol	<number>	Protocol specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports [CApplicationPort].port.name	<string>	Protocol + port combination name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports [CApplicationPort].app	<object>	Application specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports [CApplicationPort].app.id	<number>	Application id.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports [CApplicationPort].app.code	<string>	Application code.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports [CApplicationPort].app.name	<string>	Application name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.application_ports [CApplicationPort].app.tunneled	<string>	Flag: is the application tunneled.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.mplsxpbits	<array of <object>>	Query mplsxpbits.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.mplsxpbits[CMPLSEXPBIT]	<object>	One CMPLSEXPBIT object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.mplsxpbits[CMPLSEXPBIT].traffic_class	<string>	MPLSEXPBIT traffic class name.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.query.mplssexpbits[CMPLSEXPBIT].exp_bit	<number>	MPLSEXP Bit.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.bgpas_host_groups	<array of <object>>	Query autonomous system and host group.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.bgpas_host_groups [CBGPASHostGroup]	<object>	Object representing Autonomous System and Host Group.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.bgpas_host_groups [CBGPASHostGroup].host_group	<object>	Object representing a Host Group.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.bgpas_host_groups [CBGPASHostGroup].host_group.name	<string>	Host group name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.bgpas_host_groups [CBGPASHostGroup].host_group.group_id	<number>	Host group ID.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.bgpas_host_groups [CBGPASHostGroup].bgpas	<object>	Object representing a Autonomous System.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.bgpas_host_groups [CBGPASHostGroup].bgpas.id	<number>	Autonomous System Number.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.bgpas_host_groups [CBGPASHostGroup].bgpas.name	<string>	Autonomous System Name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports	<array of <object>>	Query host_pair_ports. Can be one of GET /reporting/host_pair_ports.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort]	<object>	One CHostPairPort object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].port	<object>	Port specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].port.port	<number>	Port specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].port.protocol	<number>	Protocol specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].port.name	<string>	Protocol + port combination name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].server	<object>	Server host specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].server.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].server.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].server.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].client	<object>	Client host specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].client.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].client.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_ports[CHostPairPort].client.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_interfaces	<array of <object>>	Query dscp_interfaces. Can be one of GET /reporting/dscp_interfaces.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_interfaces[CDSCPIInterface]	<object>	One CDSCPIInterface object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_interfaces[CDSCPIInterface].interface	<object>	Interface specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.dscp_interfaces[CDSCPIInterface].interface.ipaddr	<string>	Interface IP address.	Optional

<code>CloudSyncOnDemandReport.report.criteria.query.dscp_interfaces[CDSCPInterface].interface.name</code>	<code><string></code>	Interface name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.dscp_interfaces[CDSCPInterface].interface.ifindex</code>	<code><number></code>	Interface index.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.dscp_interfaces[CDSCPInterface].dscp</code>	<code><object></code>	DSCP specification.	
<code>CloudSyncOnDemandReport.report.criteria.query.dscp_interfaces[CDSCPInterface].dscp.name</code>	<code><string></code>	DSCP name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.dscp_interfaces[CDSCPInterface].dscp.code_point</code>	<code><number></code>	DSCP code point.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas</code>	<code><array of <object>></code>	Query autonomous system.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas[CBGPAS]</code>	<code><object></code>	Object representing a Autonomous System.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas[CBGPAS].id</code>	<code><number></code>	Autonomous System Number.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.bgpas[CBGPAS].name</code>	<code><string></code>	Autonomous System Name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.role</code>	<code><string></code>	Query role. Can be one of /reporting/roles.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.show_ttl</code>	<code><string></code>	Query show TTL. Only applicable to flow list report format.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.group_by</code>	<code><string></code>	Query group_by. Can be one of GET /reporting/group_bys.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.case_insensitive</code>	<code><string></code>	Query user case insensitivity. Whether to search for users in a case-insensitive fashion.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.switch_name</code>	<code><string></code>	Query switch name. Can be an IP address or a name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.macs</code>	<code><string></code>	Query MAC addresses. Host MAC addresses, only apply to switch_port requests.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_group_type</code>	<code><string></code>	Query host group type. Required for "host group (gro)" "host group pairs (gpp)" and "host group pairs with ports (gpr)" queries.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports</code>	<code><array of <object>></code>	Query host_pair_app_ports. Can be one of GET /reporting/host_pair_app_ports.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort]</code>	<code><object></code>	One CHostPairAppPort object.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort].port</code>	<code><object></code>	Port specification.	
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort].port.port</code>	<code><number></code>	Port specification.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort].port.protocol</code>	<code><number></code>	Protocol specification.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort].port.name</code>	<code><string></code>	Protocol + port combination name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort].app</code>	<code><object></code>	Application specification.	
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort].app.id</code>	<code><number></code>	Application id.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort].app.code</code>	<code><string></code>	Application code.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort].app.name</code>	<code><string></code>	Application name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort].app.tunneled</code>	<code><string></code>	Flag: is the application tunneled.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_pair_app_ports [CHostPairAppPort].server</code>	<code><object></code>	Server host specification.	

<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_app_ports [CHostPairAppPort].server.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_app_ports [CHostPairAppPort].server.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_app_ports [CHostPairAppPort].server.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_app_ports [CHostPairAppPort].client	<object>	Client host specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_app_ports [CHostPairAppPort].client.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_app_ports [CHostPairAppPort].client.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pair_app_ports [CHostPairAppPort].client.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.direction	<string>	Query direction. Can be one of GET /reporting/directions.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.users	<array of <object>>	Query time host users. Can be one of GET /reporting/time host user.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.users[CUser]	<object>	One CUser object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.users[CUser].name	<string>	Active Directory user name.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.switch_ports	<string>	Query switch ports. Switch port addresses.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.sort_column	<number>	Query sort column. Can be one of GET /reporting/columns.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports	<array of <object>>	Query host_group_pair_ports. Can be one of GET /reporting/host_group_pair_ports.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort]	<object>	One CHostGroupPairPort object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort].port	<object>	Port specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort].port.port	<number>	Port specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort].port.protocol	<number>	Protocol specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort].port.name	<string>	Protocol + port combination name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort].server	<object>	Server host group specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort].server.name	<string>	Host group name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort].server.group_id	<number>	Host group ID.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort].client	<object>	Client host group specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort].client.name	<string>	Host group name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_group_pair_ports [CHostGroupPairPort].client.group_id	<number>	Host group ID.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.network_segments	<array of <object>>	Query network_segments. Can be one of GET /reporting/network_segments.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.network_segments [CNetworkSegment]	<object>	One CNetworkSegment object.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.query.network_segments [CNetworkSegment].src	<object>	Segment source.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.network_segments [CNetworkSegment].src.ipaddr	<string>	Interface IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.network_segments [CNetworkSegment].src.name	<string>	Interface name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.network_segments [CNetworkSegment].src.ifindex	<number>	Interface index.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.network_segments [CNetworkSegment].dst	<object>	Segment destination.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.network_segments [CNetworkSegment].dst.ipaddr	<string>	Interface IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.network_segments [CNetworkSegment].dst.name	<string>	Interface name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.network_segments [CNetworkSegment].dst.ifindex	<number>	Interface index.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.macless_ports	<string>	Query macless ports. Include switch ports without a MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.hosts	<array of <object>>	Query hosts. Can be one of GET /reporting/hosts.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.hosts[CHost]	<object>	One CHost object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.hosts[CHost].mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.hosts[CHost].ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.hosts[CHost].name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.ignore_dhcp	<string>	Query ignore DHCP. Use only switch port polling for ARP Bindings.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pairs	<array of <object>>	Query host pairs. Can be one of GET /reporting/host_pairs.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pairs[CHostPair]	<object>	One CHostPair object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pairs[CHostPair].server	<object>	Specification of the server host.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pairs[CHostPair].server.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pairs[CHostPair].server.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pairs[CHostPair].server.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pairs[CHostPair].client	<object>	Specification of the client host.	
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pairs[CHostPair].client.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pairs[CHostPair].client.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.host_pairs[CHostPair].client.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.area	<string>	Query area. Can be one of GET /reporting/areas.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.protocols	<array of <object>>	Query protocols. Can be one of GET /reporting/protocols.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.protocols[CProtocol]	<object>	Object representing Protocol information.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.protocols[CProtocol].id	<number>	ID of the Protocol.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.query.protocols[CProtocol].name	<string>	Name of the Protocol.	Optional

<code>CloudSyncOnDemandReport.report.criteria.query.group_dev_iface</code>	<code><string></code>	Query host groups and/or devices and/or interfaces.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.centricity</code>	<code><string></code>	Query centricity. Can be one of GET /reporting/centricities.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.limit</code>	<code><number></code>	Query data limit. Maximum number of rows to be returned. Default value: 10000.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.interfaces</code>	<code><array of <object>></code>	Query interfaces. Can be one of GET /reporting/interfaces.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.interfaces[CInterface]</code>	<code><object></code>	One CInterface object.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.interfaces[CInterface].ipaddr</code>	<code><string></code>	Interface IP address.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.interfaces[CInterface].name</code>	<code><string></code>	Interface name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.interfaces[CInterface].ifindex</code>	<code><number></code>	Interface index.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_groups</code>	<code><array of <object>></code>	Query host_groups. Can be one of GET /reporting/host_groups.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_groups[CHostGroup]</code>	<code><object></code>	One CHostGroup object.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_groups[CHostGroup].name</code>	<code><string></code>	Host group name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.host_groups[CHostGroup].group_id</code>	<code><number></code>	Host group ID.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.realm</code>	<code><string></code>	Query realm. Can be one of GET /reporting/realm.	
<code>CloudSyncOnDemandReport.report.criteria.query.dscps</code>	<code><array of <object>></code>	Query dscps. Can be one of GET /reporting/dscps.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.dscps[CDSCP]</code>	<code><object></code>	One CDSCP object.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.dscps[CDSCP].name</code>	<code><string></code>	DSCP name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.dscps[CDSCP].code_point</code>	<code><number></code>	DSCP code point.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.applications</code>	<code><array of <object>></code>	Query applications. Can be one of GET /reporting/applications.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.applications[CAApplication]</code>	<code><object></code>	One CAApplication object.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.applications[CAApplication].id</code>	<code><number></code>	Application id.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.applications[CAApplication].code</code>	<code><string></code>	Application code.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.applications[CAApplication].name</code>	<code><string></code>	Application name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.query.applications[CAApplication].tunneled</code>	<code><string></code>	Flag: is the application tunneled.	Optional
<code>CloudSyncOnDemandReport.report.criteria.network_type</code>	<code><string></code>	Specifies the network type the user wants the report on. Available options are PHYSICAL, CLOUD, AWS_VPC(deprecated, works as CLOUD), VXLAN, PHYSICAL_TUNNEL_VXLAN.	Optional; Values: PHYSICAL, CLOUD, HYBRID, AWS_VPC, VXLAN, PHYSICAL_TUNNEL_VXLAN
<code>CloudSyncOnDemandReport.report.criteria.queries</code>	<code><array of <object>></code>	Array of Query objects.	Optional
<code>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter]</code>	<code><object></code>	Report Query.	Optional
<code>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].ports</code>	<code><array of <object>></code>	Query ports. Can be one of GET /reporting/ports.	Optional
<code>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].ports[CProtoPort]</code>	<code><object></code>	One CProtoPort object.	Optional
<code>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].ports[CProtoPort].port</code>	<code><number></code>	Port specification.	Optional
<code>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].ports[CProtoPort].protocol</code>	<code><number></code>	Protocol specification.	Optional
<code>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].ports[CProtoPort].name</code>	<code><string></code>	Protocol + port combination name.	Optional
<code>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].dscp_app_ports</code>	<code><array of <object>></code>	Query dscp_app_ports. Can be one of GET /reporting/dscp_app_ports.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort]	<object>	One CDSCAppPort object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].port	<object>	Port specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].port.port	<number>	Port specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].port.protocol	<number>	Protocol specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].port.name	<string>	Protocol + port combination name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].app	<object>	Application specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].app.id	<number>	Application id.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].app.code	<string>	Application code.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].app.name	<string>	Application name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].app.tunneled	<string>	Flag: is the application tunneled.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].dscp	<object>	DSCP specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].dscp.name	<string>	DSCP name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_app_ports[CDSCAppPort].dscp.code_point	<number>	DSCP code point.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].port_groups	<array of <object>>	Query port_groups. Can be one of GET /reporting/port_groups.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].port_groups [CPortGroup]	<object>	One CPortGroup object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].port_groups [CPortGroup].name	<string>	Name of the port group.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].port_groups [CPortGroup].group_id	<number>	ID of the port group.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].cbqos_classes	<array of <object>>	Query CBQoS classes.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].cbqos_classes[CCBQOSCLASS]	<object>	Object representing a CBQoS class.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].cbqos_classes[CCBQOSCLASS].id	<string>	CBQoS class id.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpasscope	<string>	Query autonomous system scope.	Optional; Values: ALL, PRIVATE, PUBLIC
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pairs	<array of <object>>	Query host_group_pairs. Can be one of GET /reporting/host_group_pairs.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pairs[CHostGroupPair]	<object>	One CHostGroupPair object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pairs[CHostGroupPair].server	<object>	Server host group specification.	

<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].host_group_pairs[CHostGroupPair].server.name</i>	<string>	Host group name.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].host_group_pairs[CHostGroupPair].server.group_id</i>	<number>	Host group ID.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].host_group_pairs[CHostGroupPair].client</i>	<object>	Client host group specification.	
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].host_group_pairs[CHostGroupPair].client.name</i>	<string>	Host group name.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].host_group_pairs[CHostGroupPair].client.group_id</i>	<number>	Host group ID.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].wan_group</i>	<string>	Query WAN group. Can be any Interface Group under /WAN.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].traffic_expression</i>	<string>	Query-specific traffic expression.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].include_non_optimized_sites</i>	<string>	Query include non-optimized. Include non-optimized sites in a WAN query.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].columns</i>	<array of <number>>	Query columns. Can be many of GET /reporting/columns.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].columns[item]</i>	<number>	Query column.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].sort_direction</i>	<string>	Query sort direction. Can be one of ASC, DESC. ASC will return bottom talkers. DESC will return top talkers (default).	Optional; Values: ASC, DESC
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].bgpas_pairs</i>	<array of <object>>	Query autonomous system pairs.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].bgpas_pairs[CBGPASPair]</i>	<object>	Pair of Autonomous Systems.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].bgpas_pairs[CBGPASPair].server</i>	<object>	Object representing a server Autonomous System.	
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].bgpas_pairs[CBGPASPair].server.id</i>	<number>	Autonomous System Number.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].bgpas_pairs[CBGPASPair].server.name</i>	<string>	Autonomous System Name.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].bgpas_pairs[CBGPASPair].client</i>	<object>	Object representing a client Autonomous System.	
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].bgpas_pairs[CBGPASPair].client.id</i>	<number>	Autonomous System Number.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].bgpas_pairs[CBGPASPair].client.name</i>	<string>	Autonomous System Name.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].application_servers</i>	<array of <object>>	Query application_servers. Can be one of GET /reporting/application_servers.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].application_servers[CApplicationServer]</i>	<object>	One CApplicationServer object.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].application_servers[CApplicationServer].app</i>	<object>	Application specification.	
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].application_servers[CApplicationServer].app.id</i>	<number>	Application id.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_servers [CAApplicationServer].app.code	<string>	Application code.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_servers [CAApplicationServer].app.name	<string>	Application name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_servers [CAApplicationServer].app.tunneled	<string>	Flag: is the application tunneled.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_servers [CAApplicationServer].server	<object>	Server specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_servers [CAApplicationServer].server.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_servers [CAApplicationServer].server.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_servers [CAApplicationServer].server.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].devices	<array of <object>>	Query devices. Can be one of GET /reporting/devices.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].devices [CDevice]	<object>	One CDevice object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].devices [CDevice].ipaddr	<string>	Device IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].devices [CDevice].name	<string>	Device name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports	<array of <object>>	Query application_ports. Can be one of GET /reporting/application_ports.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports[CAApplicationPort]	<object>	One CAApplicationPort object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports[CAApplicationPort].port	<object>	Port specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports[CAApplicationPort].port.port	<number>	Port specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports[CAApplicationPort].port.protocol	<number>	Protocol specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports[CAApplicationPort].port.name	<string>	Protocol + port combination name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports[CAApplicationPort].app	<object>	Application specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports[CAApplicationPort].app.id	<number>	Application id.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports[CAApplicationPort].app.code	<string>	Application code.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports[CAApplicationPort].app.name	<string>	Application name.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].application_ports[CApplicationPort].app.tunneled	<string>	Flag: is the application tunneled.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].mplsexpbits	<array of <object>>	Query mplsexpbits.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].mplsexpbits [C MPLSEXPBIT]	<object>	One C MPLSEXPBIT object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].mplsexpbits [C MPLSEXPBIT].traffic_class	<string>	MPLSEXPBIT traffic class name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].mplsexpbits [C MPLSEXPBIT].exp_bit	<number>	MPLSEXP Bit.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas_host_groups	<array of <object>>	Query autonomous system and host group.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas_host_groups[CBGPASHostGroup]	<object>	Object representing Autonomous System and Host Group.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas_host_groups[CBGPASHostGroup].host_group	<object>	Object representing a Host Group.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas_host_groups[CBGPASHostGroup].host_group.name	<string>	Host group name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas_host_groups[CBGPASHostGroup].host_group.group_id	<number>	Host group ID.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas_host_groups[CBGPASHostGroup].bgpas	<object>	Object representing a Autonomous System.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas_host_groups[CBGPASHostGroup].bgpas.id	<number>	Autonomous System Number.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas_host_groups[CBGPASHostGroup].bgpas.name	<string>	Autonomous System Name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports	<array of <object>>	Query host_pair_ports. Can be one of GET /reporting/host_pair_ports.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort]	<object>	One CHostPairPort object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].port	<object>	Port specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].port.port	<number>	Port specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].port.protocol	<number>	Protocol specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].port.name	<string>	Protocol + port combination name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].server	<object>	Server host specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].server.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].server.ipaddr	<string>	Host IP address.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].server.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].client	<object>	Client host specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].client.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].client.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_ports[CHostPairPort].client.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_interfaces	<array of <object>>	Query dscp_interfaces. Can be one of GET /reporting/dscp_interfaces.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_interfaces[CDSCPInterface]	<object>	One CDSCPInterface object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_interfaces[CDSCPInterface].interface	<object>	Interface specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_interfaces[CDSCPInterface].interface.ipaddr	<string>	Interface IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_interfaces[CDSCPInterface].interface.name	<string>	Interface name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_interfaces[CDSCPInterface].interface.ifindex	<number>	Interface index.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_interfaces[CDSCPInterface].dscp	<object>	DSCP specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_interfaces[CDSCPInterface].dscp.name	<string>	DSCP name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].dscp_interfaces[CDSCPInterface].dscp.code_point	<number>	DSCP code point.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas	<array of <object>>	Query autonomous system.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas[CBGPAS]	<object>	Object representing a Autonomous System.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas[CBGPAS].id	<number>	Autonomous System Number.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].bgpas[CBGPAS].name	<string>	Autonomous System Name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].role	<string>	Query role. Can be one of /reporting/roles.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].show_ttl	<string>	Query show TTL. Only applicable to flow list report format.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].group_by	<string>	Query group_by. Can be one of GET /reporting/group_bys.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].case_insensitive	<string>	Query user case insensitivity. Whether to search for users in a case-insensitive fashion.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].switch_name	<string>	Query switch name. Can be an IP address or a name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].macs	<string>	Query MAC addresses. Host MAC addresses, only apply to switch_port requests.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_type	<string>	Query host group type. Required for "host group (gro)" "host group pairs (gpp)" and "host group pairs with ports (gpr)" queries.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports	<array of <object>>	Query host_pair_app_ports. Can be one of GET /reporting/host_pair_app_ports.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort]	<object>	One CHostPairAppPort object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].port	<object>	Port specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].port.port	<number>	Port specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].port.protocol	<number>	Protocol specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].port.name	<string>	Protocol + port combination name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].app	<object>	Application specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].app.id	<number>	Application id.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].app.code	<string>	Application code.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].app.name	<string>	Application name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].app.tunneled	<string>	Flag: is the application tunneled.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].server	<object>	Server host specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].server.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].server.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].server.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].client	<object>	Client host specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].client.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].client.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pair_app_ports[CHostPairAppPort].client.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].direction	<string>	Query direction. Can be one of GET /reporting/directions.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].users	<array of <object>>	Query time host users. Can be one of GET /reporting/time host user.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].users [CUser]	<object>	One CUser object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].users [CUser].name	<string>	Active Directory user name.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].switch_ports	<string>	Query switch ports. Switch port addresses.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].sort_column	<number>	Query sort column. Can be one of GET /reporting/columns.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports	<array of <object>>	Query host_group_pair_ports. Can be one of GET /reporting/host_group_pair_ports.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort]	<object>	One CHostGroupPairPort object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort].port	<object>	Port specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort].port.port	<number>	Port specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort].port.protocol	<number>	Protocol specification.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort].port.name	<string>	Protocol + port combination name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort].server	<object>	Server host group specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort].server.name	<string>	Host group name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort].server.group_id	<number>	Host group ID.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort].client	<object>	Client host group specification.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort].client.name	<string>	Host group name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_group_pair_ports [CHostGroupPairPort].client.group_id	<number>	Host group ID.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].network_segments	<array of <object>>	Query network_segments. Can be one of GET /reporting/network_segments.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].network_segments[CNetworkSegment]	<object>	One CNetworkSegment object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].network_segments[CNetworkSegment].src	<object>	Segment source.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].network_segments[CNetworkSegment].src.ipaddr	<string>	Interface IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].network_segments[CNetworkSegment].src.name	<string>	Interface name.	Optional

<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].network_segments[CNetworkSegment].src.ifindex	<number>	Interface index.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].network_segments[CNetworkSegment].dst	<object>	Segment destination.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].network_segments[CNetworkSegment].dst.ipaddr	<string>	Interface IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].network_segments[CNetworkSegment].dst.name	<string>	Interface name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].network_segments[CNetworkSegment].dst.ifindex	<number>	Interface index.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].macless_ports	<string>	Query macless ports. Include switch ports without a MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].hosts	<array of <object>>	Query hosts. Can be one of GET /reporting/hosts.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].hosts [CHost]	<object>	One CHost object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].hosts [CHost].mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].hosts [CHost].ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].hosts [CHost].name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].ignore_dhcp	<string>	Query ignore DHCP. Use only switch port polling for ARP Bindings.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pairs	<array of <object>>	Query host pairs. Can be one of GET /reporting/host_pairs.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pairs [CHostPair]	<object>	One CHostPair object.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pairs [CHostPair].server	<object>	Specification of the server host.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pairs [CHostPair].server.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pairs [CHostPair].server.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pairs [CHostPair].server.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pairs [CHostPair].client	<object>	Specification of the client host.	
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pairs [CHostPair].client.mac	<string>	Host MAC address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pairs [CHostPair].client.ipaddr	<string>	Host IP address.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].host_pairs [CHostPair].client.name	<string>	Host name.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].area	<string>	Query area. Can be one of GET /reporting/areas.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].protocols	<array of <object>>	Query protocols. Can be one of GET /reporting/protocols.	Optional
<i>CloudSyncOnDemandReport</i> .report.criteria.queries[ReportQueryFilter].protocols [CProtocol]	<object>	Object representing Protocol information.	Optional

<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].protocols [CProtocol].id</i>	<i><number></i>	ID of the Protocol.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].protocols [CProtocol].name</i>	<i><string></i>	Name of the Protocol.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].group_dev_iface</i>	<i><string></i>	Query host groups and/or devices and/or interfaces.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].centricity</i>	<i><string></i>	Query centricity. Can be one of GET /reporting/centricities.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].limit</i>	<i><number></i>	Query data limit. Maximum number of rows to be returned. Default value: 10000.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].interfaces</i>	<i><array of <object>></i>	Query interfaces. Can be one of GET /reporting/interfaces.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].interfaces [CInterface]</i>	<i><object></i>	One CInterface object.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].interfaces [CInterface].ipaddr</i>	<i><string></i>	Interface IP address.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].interfaces [CInterface].name</i>	<i><string></i>	Interface name.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].interfaces [CInterface].ifindex</i>	<i><number></i>	Interface index.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].host_groups</i>	<i><array of <object>></i>	Query host_groups. Can be one of GET /reporting/host_groups.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].host_groups [CHostGroup]</i>	<i><object></i>	One CHostGroup object.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].host_groups [CHostGroup].name</i>	<i><string></i>	Host group name.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].host_groups [CHostGroup].group_id</i>	<i><number></i>	Host group ID.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].realm</i>	<i><string></i>	Query realm. Can be one of GET /reporting/realm.	
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].dscps</i>	<i><array of <object>></i>	Query dscps. Can be one of GET /reporting/dscps.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].dscps [CDSCP]</i>	<i><object></i>	One CDSCP object.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].dscps [CDSCP].name</i>	<i><string></i>	DSCP name.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].dscps [CDSCP].code_point</i>	<i><number></i>	DSCP code point.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].applications</i>	<i><array of <object>></i>	Query applications. Can be one of GET /reporting/applications.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].applications [CAApplication]</i>	<i><object></i>	One CAApplication object.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].applications [CAApplication].id</i>	<i><number></i>	Application id.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].applications [CAApplication].code</i>	<i><string></i>	Application code.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].applications [CAApplication].name</i>	<i><string></i>	Application name.	Optional
<i>CloudSyncOnDemandReport.report.criteria.queries[ReportQueryFilter].applications [CAApplication].tunneled</i>	<i><string></i>	Flag: is the application tunneled.	Optional
<i>CloudSyncOnDemandReport.report.criteria.deprecated</i>	<i><object></i>	Map with legacy criteria attributes that will not be supported soon.	Optional
<i>CloudSyncOnDemandReport.report.criteria.deprecated[prop]</i>	<i><string></i>	ReportDeprecatedFilters map value.	Optional
<i>CloudSyncOnDemandReport.report.criteria.vni</i>	<i><string></i>	Specifies VNI, needed if network_type is VXLAN or PHYSICAL_TUNNEL_VXLAN.	Optional

<code>CloudSyncOnDemandReport.report.criteria.fast_data_source</code>	<code><string></code>	Options to force using fast (pre-computed) interfaces data. FORCE: force using only fast data. ON: use fast data when possible, fallback to slower traffic query. OFF: never use fast data. By default it is ON.	Optional; Values: FORCE, ON, OFF
<code>CloudSyncOnDemandReport.report.criteria.app_reduction</code>	<code><string></code>	App reduction. Turn app reduction on or off.	Optional
<code>CloudSyncOnDemandReport.report.timeout</code>	<code><number></code>	Used when doing POST to <code>/reporting/reports/synchronous</code> . Timeout (# of seconds) to wait for the report to complete, if the report does not complete the operation will return and the client needs to wait for progress.	Optional
<code>CloudSyncOnDemandReport.report.name</code>	<code><string></code>	Report name.	Optional
<code>CloudSyncOnDemandReport.report.template_id</code>	<code><number></code>	Template ID. Can be one of GET <code>/reporting/templates</code> .	
<code>CloudSyncOnDemandReport.uuid</code>	<code><string></code>	Unique ID on the cloud.	

Response Body

On success, the server returns a response body with the following structure:

JSON

```
{
  "run_time": number,
  "error_text": string,
  "remaining_seconds": number,
  "saved": string,
  "id": number,
  "status": string,
  "percent": number,
  "user_id": number,
  "size": number,
  "name": string,
  "template_id": number
}
```

Example:

```
{
  "status": "completed",
  "user_id": 1,
  "name": "Host Information Report",
  "percent": 100,
  "template_id": 952,
  "remaining_seconds": 0,
  "run_time": 1352494550,
  "saved": true,
  "id": 1001,
  "error_text": "",
  "size": 140
}
```

Property Name	Type	Description	Notes
<code>ReportInfo</code>	<code><object></code>	Object representing report information.	
<code>ReportInfo.run_time</code>	<code><number></code>	Time when the report was run (Unix time).	
<code>ReportInfo.error_text</code>	<code><string></code>	A report can be completed with an error. Error message may provide more detailed info.	Optional
<code>ReportInfo.remaining_seconds</code>	<code><number></code>	Number of seconds remaining to run the report. Even if this number is 0, the report may not yet be completed, so check 'status' to make sure what the status is.	
<code>ReportInfo.saved</code>	<code><string></code>	Boolean flag indicating if the report was saved.	
<code>ReportInfo.id</code>	<code><number></code>	ID of the report. To be used in the API.	
<code>ReportInfo.status</code>	<code><string></code>	Status of the report.	Values: completed, running, waiting
<code>ReportInfo.percent</code>	<code><number></code>	Progress of the report represented by percentage of report completion.	
<code>ReportInfo.user_id</code>	<code><number></code>	ID of the user who owns the report.	
<code>ReportInfo.size</code>	<code><number></code>	Size of the report in kilobytes.	
<code>ReportInfo.name</code>	<code><string></code>	Name of the report. Could be given by a user or automatically generated by the system.	Optional
<code>ReportInfo.template_id</code>	<code><number></code>	ID of the template that the report is based on.	

Error Codes

In the event that an error occurs while processing a request, the server will respond with appropriate HTTP status code and additional information in the response body:

```
{
  "error_id": "{error identifier}",
  "error_text": "{error description}",
  "error_info": {error specific data structure, optional}
}
```

The table below lists the possible errors and the associated HTTP status codes that may returned.

Error ID	HTTP Status	Comments
INTERNAL_ERROR	500	Internal server error.
AUTH_REQUIRED	401	The requested resource requires authentication.
AUTH_INVALID_CREDENTIALS	401	Invalid username and/or password.
AUTH_INVALID_SESSION	401	Session ID is invalid.
AUTH_EXPIRED_PASSWORD	403	The password must be changed. Access only to password change resources.
AUTH_DISABLED_ACCOUNT	403	Account is either temporarily or permanently disabled.
AUTH_FORBIDDEN	403	User is not authorized to access the requested resource.
AUTH_INVALID_TOKEN	401	OAuth access token is invalid.
AUTH_EXPIRED_TOKEN	401	OAuth access token is expired.
AUTH_INVALID_CODE	401	OAuth access code is invalid.
AUTH_EXPIRED_CODE	401	OAuth access code is expired.
RESOURCE_NOT_FOUND	404	Requested resource was not found.
HTTP_INVALID_METHOD	405	Requested method is not available for this resource.
HTTP_INVALID_HEADER	400	An HTTP header was malformed.
REQUEST_INVALID_INPUT	400	Malformed input structure.
URI_INVALID_PARAMETER	400	URI parameter is not supported or malformed.
URI_MISSING_PARAMETER	400	Missing required parameter.