Bandwidth Throttling APIs

https://campus.barracuda.com/doc/96771957/

This section provides the following topics:

- Input Parameters
- Output Parameters
- Returned Status Codes
- Error codes

Input Parameters

The following table provides the input parameters and descriptions.

Input Parameter	Description
enable	Boolean parameter specifying whether to enable or disable the bandwidth throttling. If this parameter is false, the throttling is disabled, it is not necessary to fill in the other parameters.
days	Defines the day interval during which the bandwidth throttling will be enabled. In the example above, throttling is enabled from Monday through Friday. Can only be specified when "enable" is set to "true".
hours	Used together with the days: in the example above, bandwidth throttling is enabled during work hours, during work days. (9:00 through 17:00, from Monday until Friday). Hours are separated by ":" and allowed values are going to be between "00:00" to "23:59" (no AM or PM necessary). Can only be specified when "enable" is set to "true".
throttling	Integer value, measured in Kb (Kilobits), defining the maximum allowed bandwidth used for Cloud uploads. Allowed ranges are between 64 Kb and 999999 Kb. Can only be specified when "enable" is set to "true".

Command example

POST
https://<environment>/v2/accounts/<account>/computers/<computer>/settings/advanced/apply

```
{
 "bandwidth": {
    "enable":true,
     "days": {
       "start": "monday",
       "end": "friday"
     },
   "hours": {
      "start": "9:00",
      "end": "17:00"
    },
   "throttling": 512
 }
}
```

Output Parameters

Online operation: Response status: 200 OK.

Offline operation:

The output is an id of the operation, which can be used to track completion status via the command below.

Response status: 202 Accepted.

Response example:

```
{
 "data": {
  "id": "1"
 }
}
```

Returned Status Codes

The following table provides the returned status codes.

Returned Status Codes	Description
200	The request was successful.
202	The request was accepted and is processed when the agent is online. The returned id can be used to check the status of the operation.
400	Validation errors.
401	Authentication errors.

Result of the operation

Status can be obtained via the command below The status is either success or error, also providing the reason for the failure.

GET https://<environment>/v2/accounts/<account>/computers/<computer>/action/{id}/status

Error Codes

The reason for the failure can be matched to one of the error codes below:

- Running_Actions_PreventPreferencesUpdate - cannot update preferences while Backups, Restores or Deletes are running
- Running_Actions_FailedToAcquireLock - critical error, failed to acquire lock for the operation (this never happens)

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