

# AR NetProfiler Export API v1.0

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## Resource: profiler\_export

NetProfiler Export configuration.

http://{device}/api/npm.profiler\_export/1.0/settings

### JSON

```
{
  "collectors": [
    {
      "address": string,
      "port": integer,
      "status": exporter_status
    }
  ],
  "enabled": boolean,
  "profilers": [
    {
      "address": string,
      "status": exporter_status,
      "sync": boolean
    }
  ],
  "voip_enabled": boolean
}
```

Property Name	Type	Description	Notes
<i>profiler_export</i>	<object>	NetProfiler Export configuration.	Required properties: [enabled, profilers, collectors];
<i>profiler_export.collectors</i>	<array of <object>>	List of NetFlowV9 Collectors.	
<i>profiler_export.collectors[items]</i>	<object>	NetFlowV9 Collector details.	Required properties: [address, port];
<i>profiler_export.collectors[items].address</i>	<string>	NetFlowV9 Collector address, either IP or full qualified name.	
<i>profiler_export.collectors[items].port</i>	<integer>	NetFlowV9 Collector UDP port.	
<i>profiler_export.collectors[items].status</i>	<exporter_status>	Information on a NetProfiler or NetFlowV9 Collector connection.	
<i>profiler_export.enabled</i>	<boolean>	Enable/disable the NetProfiler Export.	
<i>profiler_export.profilers</i>	<array of <object>>	List of NetProfilers.	
<i>profiler_export.profilers[items]</i>	<object>	NetProfiler details.	Required properties: [address];
<i>profiler_export.profilers[items].address</i>	<string>	NetProfiler address, either IP or full qualified name.	
<i>profiler_export.profilers[items].status</i>	<exporter_status>	Information on a NetProfiler or NetFlowV9 Collector connection.	
<i>profiler_export.profilers[items].sync</i>	<boolean>	Enable/disable the NetProfiler sync of applications, urls and ports definitions.	Optional;
<i>profiler_export.voip_enabled</i>	<boolean>	Enable/disable the VoIP metrics export.	Optional;

## Links

### profiler\_export: get

Returns the NetProfiler Export configuration.

GET http://{device}/api/npm.profiler\_export/1.0/settings

### Response Body

Returns a [profiler\\_export](#) data object.

### profiler\_export: set

Updates the NetProfiler Export configuration.

PUT http://{device}/api/npm.profiler\_export/1.0/settings

### Request Body

Provide a [profiler\\_export](#) data object.

## Response Body

Returns a [profiler\\_export](#) data object.

## Resource: profiler\_export\_stats

NetProfiler Export Statistics.

[http://{device}/api/npm.profiler\\_export/1.0/stats](http://{device}/api/npm.profiler_export/1.0/stats)

### JSON

```
{
  "last_minute": {
    "exported": {
      "flows": integer,
      "ip_bytes": integer,
      "packets": integer
    },
    "rejected": {
      "flows": integer,
      "ip_bytes": integer,
      "packets": integer
    }
  },
  "last_week": {
    "exported": {
      "average_flows": integer,
      "flows": integer,
      "ip_bytes": integer,
      "packets": integer,
      "peak_flows": integer
    },
    "rejected": {
      "average_flows": integer,
      "flows": integer,
      "ip_bytes": integer,
      "packets": integer,
      "peak_flows": integer
    }
  }
}
```

Property Name	Type	Description	Notes
<i>profiler_export_stats</i>	<object>	NetProfiler Export Statistics.	Required properties: [last_minute, last_week];
<i>profiler_export_stats.last_minute</i>	<object>	Statistics on the data exported in the last minute.	Required properties: [exported, rejected];
<i>profiler_export_stats.last_minute.exported</i>	<object>		Required properties: [flows, packets, ip_bytes];
<i>profiler_export_stats.last_minute.exported.flows</i>	<integer>	Number of exported flows.	
<i>profiler_export_stats.last_minute.exported.ip_bytes</i>	<integer>	Cumulative number of IP bytes (IP header included) for the exported flows.	
<i>profiler_export_stats.last_minute.exported.packets</i>	<integer>	Cumulative number of packets for the exported flows.	
<i>profiler_export_stats.last_minute.rejected</i>	<object>		Required properties: [flows, packets, ip_bytes];
<i>profiler_export_stats.last_minute.rejected.flows</i>	<integer>	Number of rejected flows.	
<i>profiler_export_stats.last_minute.rejected.ip_bytes</i>	<integer>	Cumulative number of IP bytes (IP header included) for the rejected flows.	
<i>profiler_export_stats.last_minute.rejected.packets</i>	<integer>	Cumulative number of packets for the rejected flows.	
<i>profiler_export_stats.last_week</i>	<object>	Statistics on the data exported in the last week.	Required properties: [exported, rejected];
<i>profiler_export_stats.last_week.exported</i>	<object>		Required properties: [flows, packets, ip_bytes, average_flows, peak_flows];
<i>profiler_export_stats.last_week.exported.average_flows</i>	<integer>	Average number of flows exported in the last week.	
<i>profiler_export_stats.last_week.exported.flows</i>	<integer>	Number of exported flows.	
<i>profiler_export_stats.last_week.exported.ip_bytes</i>	<integer>	Cumulative number of IP bytes (IP header included) for the exported flows.	
<i>profiler_export_stats.last_week.exported.packets</i>	<integer>	Cumulative number of packets for the exported flows.	

<code>profiler_export_stats.last_week.exported.peak_flows</code>	<code>&lt;integer&gt;</code>	Max number of flows exported in a minute in the last week.	
<code>profiler_export_stats.last_week.rejected</code>	<code>&lt;object&gt;</code>		Required properties: [flows, packets, ip_bytes, average_flows, peak_flows];
<code>profiler_export_stats.last_week.rejected.average_flows</code>	<code>&lt;integer&gt;</code>	Average number of flows rejected in the last week.	
<code>profiler_export_stats.last_week.rejected.flows</code>	<code>&lt;integer&gt;</code>	Number of rejected flows.	
<code>profiler_export_stats.last_week.rejected.ip_bytes</code>	<code>&lt;integer&gt;</code>	Cumulative number of IP bytes (IP header included) for the rejected flows.	
<code>profiler_export_stats.last_week.rejected.packets</code>	<code>&lt;integer&gt;</code>	Cumulative number of packets for the rejected flows.	
<code>profiler_export_stats.last_week.rejected.peak_flows</code>	<code>&lt;integer&gt;</code>	Max number of flows rejected in a minute in the last week.	

## Links

### profiler\_export\_stats: get

Returns the NetProfiler Export statistics.

```
GET http://{device}/api/npm.profiler_export/1.0/stats
```

#### Response Body

Returns a `profiler_export_stats` data object.

## Type: async\_error\_metrics\_list

Array of key/value error metrics, used for detailed error responses from async tasks.

#### JSON

```
[
  {
    "key": string,
    "value": string
  }
]
```

Property Name	Type	Description	Notes
<code>async_error_metrics_list</code>	<code>&lt;array of &lt;object&gt;&gt;</code>	Array of key/value error metrics, used for detailed error responses from async tasks.	
<code>async_error_metrics_list[items]</code>	<code>&lt;object&gt;</code>	Individual error key/value.	Required properties: [key, value];
<code>async_error_metrics_list[items].key</code>	<code>&lt;string&gt;</code>	Error metric ID.	
<code>async_error_metrics_list[items].value</code>	<code>&lt;string&gt;</code>	Error metric value.	

## Type: exporter\_status

Information on a NetProfiler or NetFlowV9 Collector connection.

#### JSON

```
{
  "error": {
    "error_id": string,
    "error_metrics": async_error_metrics_list,
    "error_text": string
  },
  "state": string
}
```

Property Name	Type	Description	Notes
<code>exporter_status</code>	<code>&lt;object&gt;</code>	Information on a NetProfiler or NetFlowV9 Collector connection.	Required properties: [state];

<i>exporter_status.error</i>	<i>&lt;object&gt;</i>	Asynchronous task error object.	Required properties: [error_id, error_text]; Optional;
<i>exporter_status.error.error_id</i>	<i>&lt;string&gt;</i>	Error code.	
<i>exporter_status.error.error_metrics</i>	<i>&lt;async_error_metrics_list&gt;</i>	Array of key/value error metrics, used for detailed error responses from async tasks.	
<i>exporter_status.error.error_text</i>	<i>&lt;string&gt;</i>	Error text.	
<i>exporter_status.state</i>	<i>&lt;string&gt;</i>	Connection state of a NetProfiler or NetFlowV9 Collector.	Values: OK, ERROR, DISABLED;