

NPM Packet Analysis APIs v2.3

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Resource: app_mapper

Application traffic filters rule.

http://{device}/api/npm.packet_analysis/2.3/app_mappers/items/{name}

JSON

```
{
  "definitions": app\_mapper\_definition\_list,
  "enabled": boolean,
  "name": string,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>app_mapper</i>	<i><object></i>	Application traffic filters rule.	Required properties: [name, enabled];
<i>app_mapper.definitions</i>	<i><app_mapper_definition_list></i>	List of Application Traffic Filters definitions.	
<i>app_mapper.enabled</i>	<i><boolean></i>	Enable/disable the rule.	
<i>app_mapper.name</i>	<i><string></i>	Unique application rule name.	
<i>app_mapper.<prop></i>	<i><any></i>		Optional;

Links

app_mapper: get

Returns the application traffic filters rule.

GET http://{device}/api/npm.packet_analysis/2.3/app_mappers/items/{name}

Response Body

Returns an [app_mapper](#) data object.

app_mapper: set

Updates the application traffic filters rule.

PUT http://{device}/api/npm.packet_analysis/2.3/app_mappers/items/{name}

Request Body

Provide an [app_mapper](#) data object.

Response Body

Returns an [app_mapper](#) data object.

Resource: app_mappers

Application traffic filters rules.

http://{device}/api/npm.packet_analysis/2.3/app_mappers

JSON

```
{
  "items": [ app\_mapper ],
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>app_mappers</i>	<i><object></i>	Application traffic filters rules.	
<i>app_mappers.items</i>	<i><array of <app_mapper>></i>		Optional;
<i>app_mappers.items[items]</i>	<i><app_mapper></i>	Application traffic filters rule.	
<i>app_mappers.<prop></i>	<i><any></i>		Optional;

Links

app_mappers: get

Returns the list of application traffic filters rules used in 'packets' datasource.

```
GET http://{device}/api/npm.packet_analysis/2.3/app_mappers
```

Response Body

Returns an [app_mappers](#) data object.

Resource: dba_protocol

DBA Module protocols filter.

```
http://{device}/api/npm.packet_analysis/2.3/dba_protocols/items/{name}
```

JSON

```
{
  "definitions": app\_mapper\_definition\_list,
  "enabled": boolean,
  "name": string,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>dba_protocol</i>	<i><object></i>	DBA Module protocols filter.	Required properties: [name, enabled];
<i>dba_protocol.definitions</i>	<i><app_mapper_definition_list></i>	List of Application Traffic Filters definitions.	
<i>dba_protocol.enabled</i>	<i><boolean></i>	Enable/disable the rule.	
<i>dba_protocol.name</i>	<i><string></i>	DBA Module protocol rule name.	Values: MYSQL, SQLSERVER, ORACLE, DB2, INFORMIX, SYBASE_ASE, TERADATA, POSTGRESQL;
<i>dba_protocol.<prop></i>	<i><any></i>		Optional;

Links

dba_protocol: get

Returns the DBA Module traffic filters rule.

```
GET http://{device}/api/npm.packet_analysis/2.3/dba_protocols/items/{name}
```

Response Body

Returns a [dba_protocol](#) data object.

dba_protocol: set

Updates the DBA Module traffic filters rule.

```
PUT http://{device}/api/npm.packet_analysis/2.3/dba_protocols/items/{name}
```

Request Body

Provide a [dba_protocol](#) data object.

Response Body

Returns a [dba_protocol](#) data object.

Resource: dba_protocols

DBA Module protocols filters.

```
http://{device}/api/npm.packet_analysis/2.3/dba_protocols
```

JSON

```
{
  "items": [ dba\_protocol ]
}
```

Property Name	Type	Description	Notes
<i>dba_protocols</i>	<object>	DBA Module protocols filters.	
<i>dba_protocols.items</i>	<array of < dba_protocol >>		Optional;
<i>dba_protocols.items[items]</i>	< dba_protocol >	DBA Module protocols filter.	

Links

dba_protocols: get

Returns the list of application traffic filters rules used in DBA Module.

```
GET http://{device}/api/npm.packet_analysis/2.3/dba_protocols
```

Response Body

Returns a [dba_protocols](#) data object.

Resource: dns_protocol

DNS Module protocols filter.

```
http://{device}/api/npm.packet_analysis/2.3/dns_protocols/items/{name}
```

JSON

```
{
  "definitions": app\_mapper\_definition\_list,
  "enabled": boolean,
  "name": string,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>dns_protocol</i>	<object>	DNS Module protocols filter.	Required properties: [name, enabled];
<i>dns_protocol.definitions</i>	< app_mapper_definition_list >	List of Application Traffic Filters definitions.	
<i>dns_protocol.enabled</i>	< <i>boolean</i> >	Enable/disable the rule.	
<i>dns_protocol.name</i>	< <i>string</i> >	DNS Module protocol rule name.	Values: DNS;
<i>dns_protocol.<prop></i>	< <i>any</i> >		Optional;

Links

dns_protocol: get

Returns the DNS Module traffic filters rule.

```
GET http://{device}/api/npm.packet_analysis/2.3/dns_protocols/items/{name}
```

Response Body

Returns a [dns_protocol](#) data object.

dns_protocol: set

Updates the DNS Module traffic filters rule.

```
PUT http://{device}/api/npm.packet_analysis/2.3/dns_protocols/items/{name}
```

Request Body

Provide a [dns_protocol](#) data object.

Response Body

Returns a [dns_protocol](#) data object.

Resource: dns_protocols

DNS Module protocols filters.

`http://{device}/api/npm.packet_analysis/2.3/dns_protocols`

JSON

```
{
  "items": [ dns\_protocol ]
}
```

Property Name	Type	Description	Notes
<code>dns_protocols</code>	<code><object></code>	DNS Module protocols filters.	
<code>dns_protocols.items</code>	<code><array of dns_protocol></code>		Optional;
<code>dns_protocols.items[items]</code>	<code><dns_protocol></code>	DNS Module protocols filter.	

Links

dns_protocols: get

Returns the list of application traffic filters rules used in DNS Module.

GET `http://{device}/api/npm.packet_analysis/2.3/dns_protocols`

Response Body

Returns a [dns_protocols](#) data object.

Resource: dpi_params

Packet processing dpi parameters.

`http://{device}/api/npm.packet_analysis/2.3/dpi_params`

JSON

```
{
  "dpi_enabled": boolean
}
```

Property Name	Type	Description	Notes
<code>dpi_params</code>	<code><object></code>	Packet processing dpi parameters.	
<code>dpi_params.dpi_enabled</code>	<code><<i>boolean</i>></code>	Enable/disable the DPI processing.	Optional;

Links

dpi_params: get

Returns the dpi parameters configuration.

GET `http://{device}/api/npm.packet_analysis/2.3/dpi_params`

Response Body

Returns a [dpi_params](#) data object.

dpi_params: set

Updates the dpi parameters configuration.

```
PUT http://{device}/api/npm.packet_analysis/2.3/dpi_params
```

Request Body

Provide a [dpi_params](#) data object.

Response Body

Returns a [dpi_params](#) data object.

Resource: pfs_params

TLS PFS configuration.

```
http://{device}/api/npm.packet_analysis/2.3/pfs_params
```

JSON

```
{
  "pfs_enabled": boolean,
  "store_pfs_ms": boolean
}
```

Property Name	Type	Description	Notes
<i>pfs_params</i>	<i><object></i>	TLS PFS configuration.	
<i>pfs_params.pfs_enabled</i>	<i><boolean></i>	Enable/disable PFS decryption. Requires user to provide DH keys using 'npm.ssl_dh_keys' API.	Optional;
<i>pfs_params.store_pfs_ms</i>	<i><boolean></i>	Enable/disable PFS keys store in the vault (not implemented).	Optional;

Links

pfs_params: get

Returns the TLS PFS configuration.

```
GET http://{device}/api/npm.packet_analysis/2.3/pfs_params
```

Response Body

Returns a [pfs_params](#) data object.

pfs_params: set

Updates the TLS PFS configuration.

```
PUT http://{device}/api/npm.packet_analysis/2.3/pfs_params
```

Request Body

Provide a [pfs_params](#) data object.

Response Body

Returns a [pfs_params](#) data object.

Resource: ssl_protocol

TLS Module protocols filter.

```
http://{device}/api/npm.packet_analysis/2.3/ssl_protocols/items/{name}
```

JSON

```

{
  "definitions": app\_mapper\_definition\_list,
  "enabled": boolean,
  "name": string,
  <prop>: any
}

```

Property Name	Type	Description	Notes
<i>ssl_protocol</i>	<i><object></i>	TLS Module protocols filter.	Required properties: [name, enabled];
<i>ssl_protocol.definitions</i>	<i><app_mapper_definition_list></i>	List of Application Traffic Filters definitions.	
<i>ssl_protocol.enabled</i>	<i><boolean></i>	Enable/disable the rule.	
<i>ssl_protocol.name</i>	<i><string></i>	SSL/TLS Module protocol rule name.	Values: TLS_HANDSHAKES;
<i>ssl_protocol.<prop></i>	<i><any></i>		Optional;

Links

ssl_protocol: get

Returns the TLS Module traffic filters rule.

```
GET http://{device}/api/npm.packet_analysis/2.3/ssl_protocols/items/{name}
```

Response Body

Returns a [ssl_protocol](#) data object.

ssl_protocol: set

Updates the TLS Module traffic filters rule.

```
PUT http://{device}/api/npm.packet_analysis/2.3/ssl_protocols/items/{name}
```

Request Body

Provide a [ssl_protocol](#) data object.

Response Body

Returns a [ssl_protocol](#) data object.

Resource: ssl_protocols

TLS Module protocols filters.

```
http://{device}/api/npm.packet_analysis/2.3/ssl_protocols
```

JSON

```

{
  "items": [ ssl\_protocol ]
}

```

Property Name	Type	Description	Notes
<i>ssl_protocols</i>	<i><object></i>	TLS Module protocols filters.	
<i>ssl_protocols.items</i>	<i><array of <ssl_protocol>></i>		Optional;
<i>ssl_protocols.items[items]</i>	<i><ssl_protocol></i>	TLS Module protocols filter.	

Links

ssl_protocols: get

Returns the list of application traffic filters rules used in TLS Module.

```
GET http://{device}/api/npm.packet_analysis/2.3/ssl_protocols
```

Response Body

Returns a [ssl_protocols](#) data object.

Resource: voip_protocol

UCA Module protocols filter.

```
http://{device}/api/npm.packet_analysis/2.3/voip_protocols/items/{name}
```

JSON

```
{
  "definitions": app\_mapper\_definition\_list,
  "enabled": boolean,
  "name": string,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>voip_protocol</i>	<i><object></i>	UCA Module protocols filter.	Required properties: [name, enabled];
<i>voip_protocol.definitions</i>	<i><app_mapper_definition_list></i>	List of Application Traffic Filters definitions.	
<i>voip_protocol.enabled</i>	<i><boolean></i>	Enable/disable the rule.	
<i>voip_protocol.name</i>	<i><string></i>	UCA Module protocol rule name.	Values: H323, SIP, SKINNY, RTP, MS_TEAMS, ZOOM;
<i>voip_protocol.<prop></i>	<i><any></i>		Optional;

Links

voip_protocol: get

Returns the UCA Module traffic filters rule.

```
GET http://{device}/api/npm.packet_analysis/2.3/voip_protocols/items/{name}
```

Response Body

Returns a [voip_protocol](#) data object.

voip_protocol: set

Updates the UCA Module traffic filters rule.

```
PUT http://{device}/api/npm.packet_analysis/2.3/voip_protocols/items/{name}
```

Request Body

Provide a [voip_protocol](#) data object.

Response Body

Returns a [voip_protocol](#) data object.

Resource: voip_protocols

UCA Module protocols filters.

```
http://{device}/api/npm.packet_analysis/2.3/voip_protocols
```

JSON

```
{
  "items": [ voip\_protocol ]
}
```

Property Name	Type	Description	Notes
<i>voip_protocols</i>	<i><object></i>	UCA Module protocols filters.	

<code>voip_protocols.items</code>	<code><array of <voip_protocol>></code>		Optional;
<code>voip_protocols.items[items]</code>	<code><voip_protocol></code>	UCA Module protocols filter.	

Links

voip_protocols: get

Returns the list of application traffic filters rules used in UCA Module.

```
GET http://{device}/api/npm.packet_analysis/2.3/voip_protocols
```

Response Body

Returns a [voip_protocols](#) data object.

Resource: wta_protocol

WTA Module protocols filter.

```
http://{device}/api/npm.packet_analysis/2.3/wta_protocols/items/{name}
```

JSON

```
{
  "definitions": app\_mapper\_definition\_list,
  "enabled": boolean,
  "name": string,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<code>wta_protocol</code>	<code><object></code>	WTA Module protocols filter.	Required properties: [name, enabled];
<code>wta_protocol.definitions</code>	<code><app_mapper_definition_list></code>	List of Application Traffic Filters definitions.	
<code>wta_protocol.enabled</code>	<code><boolean></code>	Enable/disable the rule.	
<code>wta_protocol.name</code>	<code><string></code>	WTA Module protocol rule name.	Values: WEB;
<code>wta_protocol.<prop></code>	<code><any></code>		Optional;

Links

wta_protocol: get

Returns the WTA Module traffic filters rule.

```
GET http://{device}/api/npm.packet_analysis/2.3/wta_protocols/items/{name}
```

Response Body

Returns a [wta_protocol](#) data object.

wta_protocol: set

Updates the WTA Module traffic filters rule.

```
PUT http://{device}/api/npm.packet_analysis/2.3/wta_protocols/items/{name}
```

Request Body

Provide a [wta_protocol](#) data object.

Response Body

Returns a [wta_protocol](#) data object.

Resource: wta_protocols

WTA Module protocols filters.

http://{device}/api/npm.packet_analysis/2.3/wta_protocols

JSON

```
{
  "items": [ <wta_protocol> ]
}
```

Property Name	Type	Description	Notes
<i>wta_protocols</i>	<object>	WTA Module protocols filters.	
<i>wta_protocols.items</i>	<array of <wta_protocol>>		Optional;
<i>wta_protocols.items[items]</i>	<wta_protocol>	WTA Module protocols filter.	

Links

wta_protocols: get

Returns the list of application traffic filters rules used in WTA Module.

GET http://{device}/api/npm.packet_analysis/2.3/wta_protocols

Response Body

Returns a [wta_protocols](#) data object.

Type: app_mapper_definition_list

List of Application Traffic Filters definitions.

JSON

```
[
  {
    "hosts": <host_list>,
    "transport": <transport_rule>
  }
]
```

Property Name	Type	Description	Notes
<i>app_mapper_definition_list</i>	<array of <object>>	List of Application Traffic Filters definitions.	
<i>app_mapper_definition_list[items]</i>	<object>	Application Traffic Filters details.	Required properties: [transport];
<i>app_mapper_definition_list[items].hosts</i>	<host_list>	List of hosts(e.g. x.x.x.x, x.x.x.x/prefix), host-ranges(e.g. x.x.x.x-y.y.y.y, x.x.x.x/prefix-y.y.y.y/prefix).	
<i>app_mapper_definition_list[items].transport</i>	<transport_rule>	IP Protocol and transport ports.	

Type: bulk_deleter

Bulk Deleter configuration.

JSON

```
{
  "delete_all": <boolean>,
  "delete_ids": [
    <number>
  ],
  <prop>: <any>
}
```

Property Name	Type	Description	Notes
<i>bulk_deleter</i>	<object>	Bulk Deleter configuration.	

<i>bulk_deleter.delete_all</i>	<boolean>	Delete all objects in the given configuration.	Optional;
<i>bulk_deleter.delete_ids</i>	<array of <number>>		Optional;
<i>bulk_deleter.delete_ids[items]</i>	<number>		
<i>bulk_deleter.<prop></i>	<any>		Optional;

Type: host_list

List of hosts(e.g. x.x.x.x, x.x.x.x/prefix), host-ranges(e.g. x.x.x.x-y.y.y.y, x.x.x.x/prefix-y.y.y.y/prefix).

JSON

```
[
  string
]
```

Property Name	Type	Description	Notes
<i>host_list</i>	<array of <string>>	List of hosts(e.g. x.x.x.x, x.x.x.x/prefix), host-ranges(e.g. x.x.x.x-y.y.y.y, x.x.x.x/prefix-y.y.y.y/prefix).	
<i>host_list[items]</i>	<string>		

Type: transport_rule

IP Protocol and transport ports.

JSON

```
{
  "ip_protocol": string,
  "ports": string
}
```

Property Name	Type	Description	Notes
<i>transport_rule</i>	<object>	IP Protocol and transport ports.	Required properties: [ip_protocol];
<i>transport_rule.ip_protocol</i>	<string>	IP protocol.	Values: TCP, UDP;
<i>transport_rule.ports</i>	<string>	Comma separated list of port ranges. e.g. x, p-q, y-z.	Optional;