

NPM Probe SSL Diffie Hellman Keys APIs v1.0

Copyright © Riverbed Technology Inc. 2024

Created Jan 16, 2024 at 02:01 PM

Resource: dh_key

PFS Diffie-Hellman Key.

http://{device}/api/npm.ssl_dh_keys/1.0/keys/items/{id}

JSON

```
{
  "client_ip_addr": string,
  "client_port": integer,
  "client_random": string,
  "id": string,
  "master_key": string,
  "server_ip_addr": string,
  "server_port": integer
}
```

Property Name	Type	Description	Notes
dh_key	<object>	PFS Diffie-Hellman Key.	Required properties: [client_random, master_key];
dh_key.client_ip_addr	<string>	The IP address of the client.	Optional;
dh_key.client_port	<integer>	The port of the client.	Optional;
dh_key.client_random	<string>	Hex encoded client random.	
dh_key.id	<string>	A unique id for the Diffie-Hellman key.	Optional;
dh_key.master_key	<string>	Master secret of the session.	
dh_key.server_ip_addr	<string>	The IP address of the server.	Optional;
dh_key.server_port	<integer>	The port of the server.	Optional;

Links

Resource: dh_keys

PFS Diffie-Hellman Keys.

http://{device}/api/npm.ssl_dh_keys/1.0/keys

JSON

```
{
  "items": [ dh_key ]
}
```

Property Name	Type	Description	Notes
dh_keys	<object>	PFS Diffie-Hellman Keys.	
dh_keys.items	<array of <dh_key>>		Optional;
dh_keys.items[items]	<dh_key>	PFS Diffie-Hellman Key.	

Links

dh_keys: bulk_create

Adds associations between multiple pairs of client random and master secret values for TLS connections encrypted with Diffie-Hellman.

POST http://{device}/api/npm.ssl_dh_keys/1.0/keys/bulk_create

Request Body

Provide a [dh_keys](#) data object.

Response Body

Returns a [dh_keys](#) data object.

dh_keys: create

Adds an association between the client random and the master secret for a single TLS connection encrypted with Diffie-Hellman.

```
POST http://{device}/api/npm.ssl_dh_keys/1.0/keys/create
```

Request Body

Provide a [dh_key](#) data object.

Response Body

Returns a [dh_key](#) data object.