

# WHM API 1 Functions - nvset

## Guide to WHM API 1

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## Description

This function sets the value of a non-volatile variable. cPanel NVData is a per-account configuration storage mechanism that you can use to maintain persistent cPanel & WHM settings across multiple sessions. This includes custom settings for your own themes.



### Note:

We deprecated this function in cPanel & WHM version 74. Instead, we recommend that you use the [WHM API 1 Functions - personalization\\_set](#) function.

## Examples

```
https://hostname.example.com:2087/cpsess#####/json-api/nvset?api.version=1&key=ThermalDetonator&value=Active
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/nvset?api.version=1&key=ThermalDetonator&value=Active
```

```
whmapil nvset key=ThermalDetonator value=Active
```



### Notes:

- Unless otherwise noted, you **must** [URI-encode](#) values.
- For more information and additional output options, read our [Guide to WHM API 1](#) documentation or run the `whmapil --help` command.
- If you run CloudLinux™, you **must** use the full path of the `whmapil` command:

```
/usr/local/cpanel/bin/whmapil
```

```
{
  "data": {
    "nvdatum": [
      {
        "value": "Active",
        "key": "ThermalDetonator"
      }
    ]
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": 1,
    "command": "nvset"
  }
}
```

## Function information

**API Version:** [WHM API 1](#)  
**Available in:** WHM 11+  
**Methods:** GET, POST  
**Required Parameters:** key, value  
**Return Formats:** JSON, XML



### Important:

cPanel & WHM version 66 **deprecated** XML output.

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.



### Notes:

[applist](#)  
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[domainuserdata](#)  
[editquota](#)  
[forcepasswordchange](#)  
[get\\_current\\_users\\_count](#)  
[get\\_disk\\_usage](#)  
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[has\\_mycnf\\_for\\_cpuser](#)  
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[showbw](#)  
[suspendacct](#)  
[unsuspendacct](#)  
[untrack\\_acct\\_id](#)  
[verify\\_new\\_username](#)  
[convert\\_addon\\_fetch\\_conversion\\_details](#)

```

<result>
  <data>
    <nvdatum>
      <value>Active</value>
      <key>ThermalDetonator</key>
    </nvdatum>
  </data>
  <metadata>
    <version>1</version>
    <reason>OK</reason>
    <result>1</result>
    <command>nvset</command>
  </metadata>
</result>

```



**Note:**

Use WHM's *API Shell* interface (*WHM >> Home >> Development >> API Shell*) to directly test WHM API calls.

## Parameters

Parameter	Type	Description	Possible values	Example
key	string	<b>Required</b> The variable's name.	A valid string.	ThermalDetonator
value	string	<b>Required</b> The variable's value.	A valid string.	Active

## Returns

Return	Type	Description	Possible values	Example
nvdatum	array of hashes	An array of hashes of the variable's information.	This hash includes the data from the value and key returns.	
value	string	The variable's value. This function returns this value in the nvdatum hash.	A valid string.	Active
key	string	The variable's name. This function returns this value in the nvdatum hash.	A valid string.	ThermalDetonator

• Some functions and parameters may require that you authenticate as the root user.

[convert\\_addon\\_fetch\\_domain\\_details](#)

[convert\\_addon\\_get\\_conversion\\_status](#)

[convert\\_addon\\_initiate\\_conversion](#)

[convert\\_addon\\_list\\_addon\\_domains](#)

[convert\\_addon\\_list\\_conversions](#)

[api\\_token\\_create](#)

[api\\_token\\_list](#)

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[disable\\_authentication\\_provider](#)

[disable\\_failing\\_authentication\\_providers](#)

[enable\\_authentication\\_provider](#)

[get\\_available\\_authentication\\_providers](#)

[get\\_login\\_url](#)

[get\\_provider\\_client\\_configurations](#)

[get\\_provider\\_configuration\\_fields](#)

[get\\_provider\\_display\\_configurations](#)

[get\\_users\\_authn\\_linked\\_accounts](#)

[link\\_user\\_authn\\_provider](#)

[set\\_provider\\_client\\_configurations](#)

[set\\_provider\\_display\\_configurations](#)

[twofactorauth\\_disable\\_policy](#)

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Find a  
function

Related  
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\_enable\_policy

twofactorauth  
\_generate\_tfa\_config

twofactorauth  
\_get\_issuer

twofactorauth  
\_get\_user\_configs

twofactorauth  
\_policy\_status

twofactorauth  
\_remove\_user\_config

twofactorauth  
\_set\_issuer

twofactorauth  
\_set\_tfa\_config

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backup\_destination\_get

backup\_destination\_list

backup\_destination\_set

backup\_destination\_validate

backup\_get\_transport\_status

backup\_list\_transported

backup\_set\_list

backup\_set\_list\_combined

backup\_skip\_users\_all

- [WHM API 1 Functions - personalization\\_set](#) — This function saves its data to an NVData file on disk.
- [WHM API 1 Functions - nvset](#) — This function sets the value of a non-volatile variable.
- [WHM API 1 Functions - personalization\\_get](#) — This function retrieves the data from an NVData file on disk.
- [WHM API 1 Functions - nvget](#) — This function retrieves the value of a non-volatile variable.

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\_users\_all\_status

backup\_user  
\_list

convert\_and\_migrate\_from\_legacy\_config

get\_users\_with\_backup\_metadata

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start\_background\_pkgacct

toggle\_user\_backup\_state

participate\_in\_analytics

cphulk\_status

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delete\_cphulk\_record

disable\_cphulk

enable\_cphulk

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flush\_cphulk\_login\_history\_for\_ips

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get\_cphulk\_failed\_logins

get\_cphulk\_user\_brutes

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\_keys\_exist

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fetch\_mail\_queue

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