Obtaining Settings of a Registered Hyper-V Host

https://campus.barracuda.com/doc/96772147/

This API can be used for validation purposes when a user wishes to choose a Hyper-V host for restoring the selected volumes on specific host and wishes to enter the CPU and RAM allocation for the restore virtual machine.

Alternately, one can use the Server Settings Validation API.

The introduced values need to be valid on the chosen hyper-visor, and this API allows validation prior to actually issuing the restore request.

Note: the selected volume's hardware configuration can be obtained via the "Obtaining a revision's hardware configuration" call.

This section includes the following topics:

- Input Parameters
- Output Parameters

Input Parameters

The following table provides the parameters and descriptions.

Parameter	Description
id	Integer. Numeric host id, id of the host, either obtained when it was registered the first time, or via the Get registered hosts API call.
sessionId	String. Containing a GUID, obtained via a call to API Hyper-V Create Host Browsing Session.

Example

{

"id": 2,

"sessionId": "5d05495f-39e5-4e4e-ad0c-e351cc2c78f3"

}

Output Parameters

The following table provides the parameters and descriptions.

Parameter	Description
virtualDisksPath	Can be used as a parameter for the DiskPaths destination during the Restore as VM API call.
memoryAllocation	Section containing the following integer values: • default • minimum • maximum • increment Usage: if during restore, you select a revision whose associated memory size was, at the time of backup, greater than "memoryAllocation.maximum", error message is "The source machine's original Memory configuration exceeds the available RAM resources on the target machine. Maximum value is {MAX_ALLOWED}, provided value was {USER_INPUT}"
processorAllocation	Section containing the following integer values: • default • minimum • maximum • increment Usage: if during restore, you select a revision whose associated CPU allocation size was, at the time of backup, greater than processorAllocation.maximum, error message will be "The source machine's original CPU Cores configuration exceeds the available CPU resources on the target machine. Maximum value is {MAX_ALLOWED}, provided value was {USER_INPUT}"
virtualizationVersion	String value, denoting either "V1", or "V2" virtualization version. Used for display purposes.

Error codes

ErrorCode.HostNotInCatalog - if the provided hostId integer from Input section does not point to a valid Hyper-V server (the correct ids can be obtained via get list of hosts).

Example POST

POST /v2/accounts/test_acc/computers/0000/restore/hyperv/host/settings

Input Parameters


```
{
   "id": 1,
   "sessionId": "string"
}
```


Output Parameters

Response status: 200 Accepted (for online operation).

Example Response


```
 "data": {
  "virtualDisksPath": "C:\\Users\\Public\\Documents\\Hyper-V\\Virtual Hard Disks",
  "memoryAllocation": {
  "default": 1024,
  "minimum": 32,
```

```
 "maximum": 4266,
 "increment": 2
 },
 "processorAllocation": {
 "default": 1,
 "minimum": 1,
 "maximum": 8,
 "increment": 1
 },
 "virtualizationVersion": 1
 }
}
```

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.