Host Capabilities Validation

https://campus.barracuda.com/doc/96772157/

This section includes the following topics:

- Input Parameters
- Output Parameters

Input Parameters

The following table provides the parameters and descriptions.

Parameter	Description
hostId	Numeric id of the host obtained either while registering or while getting list of hosts. If the provided host id is invalid (missing), error code ErrorCode.HostNotInCatalog is returned.
sessionId	String. Containing a GUID, obtained via a call to API Hyper-V Create Host Browsing Session.
firmwareType	String. Either Uefi or Bios.
revisions	Array of integers representing the revisions that the user wants to restore, obtained either via Get volumes, or via Get volume revisions API calls.

Example

{

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

"hostId": 2,

"firmwareType": "Uefi",

"revisions": [

102, 103]

}

Output Parameters

None when successful, validation errors otherwise:

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), error message: "ErrorCode.HostNotInCatalog"

If revisions array does not contain a boot volume revision, error message: "Restoring as Virtual Machine is not allowed without selecting a boot volume"

If the Get host capabilities API has returned SupportsVmGenerations = false and SupportsVhdxFormat = false and OS version is Windows 2008 R2 (Equal to Windows version 10.0, build >= 10240, error: "Restoring to a Windows Server 2008 R2 host is not supported on VMs running Windows 10 or Windows Server 2016 with the latest updates installed."

if Boot volume is greater than 2 TB and SupportsVmGenerations = false and SupportsVhdxFormat = true, error message: "Windows Server 2012 does not support boot volumes over 2TB in size. Please select another destination host to continue."

If Uefi revisions selected,

- If SupportsVmGenerations = false and
- SupportsVhdxFormat = false, error message: ""Cannot restore an EFI boot volume to Hyper-V 2008, 2008 R2, or 2012."
- SupportsVhdxFormat = true, error message: ""EFI boot volumes cannot be restored to Hyper-V 2008, 2008 R2, or 2012 hosts.""

If Bios boot volume revisions have been selected and the volumes are larger than 2 TB, and SupportsVhdxFormat = false, error message: "Due to a limitation of the VHD file type, volumes greater than 2040 GB can only be restored on 2012/R2 host."

If restore firmware type is Uefi and SupportsVmGenerations = false, error message: "When restoring to a 2008 R2 or 2012 server you cannot select UEFI firmware."

If SupportsVmGenerations = true, but the user has chosen VHD as diskFormat, error message: "UEFI-based systems can only be restored as VHDX files to ensure they are bootable on Windows Server 2012 R2 or above."

Example POST

POST /v2/accounts/test_acc/computers/0000/restore/diskimage/standard/vm/validate/host/capabilities

Input Parameters


```
{
 "sessionId": "5d05495f-39e5-4e4e-ad0c-  e351cc2c78f3",
 "hostId": 2,
 "firmwareType": "Uefi",
  "revisions": [
     102,
     103
  ]
}
```


Output Parameters

Response status: 204 No content (for online operation).

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