Windows PowerShell Get-Help on Cmdlet 'New-AzNetworkCloudRackDefinitionObject'

PS:\>Get-HELP New-AzNetworkCloudRackDefinitionObject -Full

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NAME

   New-AzNetworkCloudRackDefinitionObject

SYNOPSIS

   Create an in-memory object for RackDefinition.

SYNTAX

New-AzNetworkCloudRackDefinitionObject -NetworkRackId <String> -RackSerialNumber <String> -RackSkuId <String>

[-AvailabilityZone <String>]

[-BareMetalMachineConfigurationData   <IBareMetalMachineConfigurationData[]>]   [-RackLocation   <String>]

[-StorageApplianceConfigurationData

<IStorageApplianceConfigurationData[]>] [<CommonParameters>]

DESCRIPTION

Create an in-memory object for RackDefinition.

PARAMETERS

-NetworkRackId <String>

The resource ID of the network rack that matches this rack definition.

Required?   true

Position?   named

Default value

Accept pipeline input?   false

Accept wildcard characters? false

-RackSerialNumber <String>

The unique identifier for the rack within Network Cloud cluster.

An alternate unique alphanumeric value other than a serial number may be provided if desired.

Required?   true

Position?   named

Default value

Accept pipeline input?   false

Accept wildcard characters? false

-RackSkuId <String>

The resource ID of the sku for the rack being added.

Required?   true

Position?   named

Default value

Accept pipeline input?   false

Accept wildcard characters? false

-AvailabilityZone <String>

The zone name used for this rack when created.

Availability zones are used for workload placement.

Required?   false

Position?   named

Default value

Accept pipeline input?   false

Accept wildcard characters? false

-BareMetalMachineConfigurationData <IBareMetalMachineConfigurationData[]>

The unordered list of bare metal machine configuration.

   To construct, see NOTES section for BAREMETALMACHINECONFIGURATIONDATA properties and create a hash table.

Required?   false

Position?   named

Default value

Accept pipeline input?   false

Accept wildcard characters? false

-RackLocation <String>

The free-form description of the rack's location.

Required?   false

Position?   named

Default value

Accept pipeline input?   false

Accept wildcard characters? false

-StorageApplianceConfigurationData <IStorageApplianceConfigurationData[]>

The list of storage appliance configuration data for this rack.

    To construct, see NOTES section for STORAGEAPPLIANCECONFIGURATIONDATA properties and create a hash

table.

Required?   false

Position?   named

Default value

Accept pipeline input?   false

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug,

ErrorAction, ErrorVariable, WarningAction, WarningVariable,

OutBuffer, PipelineVariable, and OutVariable. For more information, see

about_CommonParameters (https:/go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.NetworkCloud.Models.Api20230701.RackDefinition

NOTES

COMPLEX PARAMETER PROPERTIES

    To create the parameters described below, construct a hash table containing the appropriate properties. For

information on hash tables, run Get-Help

    about_Hash_Tables.

    BAREMETALMACHINECONFIGURATIONDATA <IBareMetalMachineConfigurationData[]>: The unordered list of bare metal machine configuration.

    BmcCredentialsPassword <SecureString>: The password of the administrator of the device used during initialization.

    BmcCredentialsUsername <String>: The username of the administrator of the device used during initialization.

    BmcMacAddress <String>: The MAC address of the BMC for this machine.

    BootMacAddress <String>: The MAC address associated with the PXE NIC card.

    RackSlot <Int64>: The slot the physical machine is in the rack based on the BOM configuration.

    SerialNumber <String>: The serial number of the machine. Hardware suppliers may use an alternate value. For example, service tag.

    [MachineDetail <String>]: The free-form additional information about the machine, e.g. an asset tag.

    [MachineName <String>]: The user-provided name for the bare metal machine created from this specification.   If not provided, the machine name will be

    generated programmatically.

    STORAGEAPPLIANCECONFIGURATIONDATA <IStorageApplianceConfigurationData[]>: The list of storage appliance configuration data for this rack.

    AdminCredentialsPassword <SecureString>: The password of the administrator of the device used during initialization.

    AdminCredentialsUsername <String>: The username of the administrator of the device used during initialization.

    RackSlot <Int64>: The slot that storage appliance is in the rack based on the BOM configuration.

    SerialNumber <String>: The serial number of the appliance.

    [StorageApplianceName <String>]: The user-provided name for the storage appliance that will be created from this specification.

    -------------------------- EXAMPLE 1 --------------------------

  PS C:\>$password = ConvertTo-SecureString "1qaz@WSX" -AsPlainText

  $bmmConfigurationData = New-AzNetworkCloudBareMetalMachineConfigurationDataObject -BmcCredentialsPassword $password -BmcCredentialsUsername "username" -BmcMacAddress

```powershell
    "00:BB:CC:DD:EE:FF"  -BootMacAddress  "00:BB:CC:DD:EE:FF"  -RackSlot  1  -SerialNumber  "serialNumber"
-MachineDetail "machineDetail" -MachineName "machineName"
    $saConfigurationData = New-AzNetworkCloudStorageApplianceConfigurationDataObject  -AdminCredentialsPassword
$password -AdminCredentialsUsername "username" -RackSlot 1
  -SerialNumber "serialNumber" -StorageApplianceName "storageApplianceName"


  $object = New-AzNetworkCloudRackDefinitionObject -NetworkRackId

"/subscriptions/subscriptionId/resourceGroups/resourceGroup/providers/Microsoft.Network/virtualNetworks/vNet/subnets/Su
bnet" -RackSerialNumber "aa5678" -RackSkuId
    "/subscriptions/subscriptionId/providers/Microsoft.NetworkCloud/rackSkus/VNearEdge1_Compute_DellR750_16C2M"
-AvailabilityZone "1" -BareMetalMachineConfigurationData
  $bmmConfigurationData -RackLocation "Foo Datacenter, Floor 3, Aisle 9, Rack 2" -StorageApplianceConfigurationData
$saConfigurationData


  Write-Host ($object | Format-List | Out-String)
```

RELATED LINKS

  https://learn.microsoft.com/powershell/module/Az.NetworkCloud/new-AzNetworkCloudRackDefinitionObject