

Navigating the Data Center Dashboard

Description

This article describes how to understand the Data Center page, as accessed from the Home page.

Prerequisites:

1. Users with any role can view the Data Center dashboard. However, users must be assigned either the Primary Administrator, Network, or Server role to take any actions.

Content / Solution:

1. From the Home page, click on the desired Data Center:

Data Center	Status	Servers Running	Total CPU	Total RAM	Total Storage	Backup Enabled	Monitoring Enabled
US - East 3 - MCP 2.0 (NA9)		3 of 3	3	3 GB	90 GB	-	1
US - West - MCP 2.0 (NA12)		1 of 1	1	1 GB	20 GB	-	-

2. You will be directed to the Data Center dashboard:

Name	Type	SNAT IPv4 Address
Network Domain 1	Advanced	168.128.26.60
Network Domain 2	Advanced	168.128.26.206
Network Domain 3	Enterprise	168.128.26.211

Name	Description
QA1_N2_VMWARE_1-01	
QA1_N2_VMWARE_1-02	

3. The Data Center dashboard displays various data about the Data Center, including:

- **Name** of the Data Center: (US-West-MCP 2.0)
- **Data Center ID:** (NA12)
- **VMware Hardware Version:** (vmx-10) identifies the maximum support VMware Virtual Hardware version. For an explanation of VMware Hardware Version, see [Virtual machine hardware versions \(1003746\)](#)
 - Image Imports must use this version or lower to be imported or copied into this location. For details, see [How to Import an OVF Package as a Client Image](#)
 - The system will provide the option the upgrade the VMWare Virtual Hardware of a Cloud Server if it is less than this version. For details, see [How to Update Virtual Hardware on a Cloud Server](#)
- **Location:** (Santa Clara, California, US)

4. **The Data Center dashboard also displays the status of various aspects of the Cloud, including but not limited to:**

- Networking Status
- Console Status
- Monitoring Status
- Backup Status
- Disaster Recovery Service Status
- Snapshot Status
- Secondary Restore Service Status

5. **From the top menu of the Data Center dashboard, you can perform several actions, including:**

- Switch Region
- Switch Datacenter
- Perform a **Search** for a Resource [Using the Search Function in the Administrative UI](#)

6. **From the side menu of the Data Center dashboard, you can perform several actions, including:**

- **Add a Network / Network Domain.** See [How to Deploy a MCP 1.0 Cloud Network or a MCP 2.0 Network Domain](#)
- **Deploy a Server.** See [How to Deploy a Cloud Server from a Guest OS Customization Image](#)
- **Connect to the Data Center VPN.** See [How to Establish a Secure VPN Connection to Access your Cloud Network and Servers](#)

7. **The Data Center dashboard displays various data about all of the Networks or Network Domains that are deployed in a Data Center, including:**

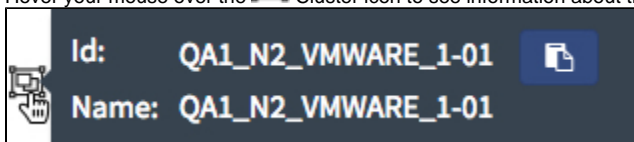
Name	Type	SNAT IPv4 Address
Network Domain 1	Advanced	168.128.26.60
Network Domain 2	Advanced	168.128.26.206

- **Name**
- **Type** (Essentials, Advanced)
- **SNAT IPv4 Address** - To provide IPv4 Internet connectivity, an IPv4 source network address translation (SNAT) IP address is assigned to all cloud network domains. This address is used to provide all Internet-bound traffic with a public source IP address for global reachability. All servers in a cloud network domain share this public IPv4 address unless they are configured as part of a NAT, in which case the server's public NAT IP address is used for Internet communications.

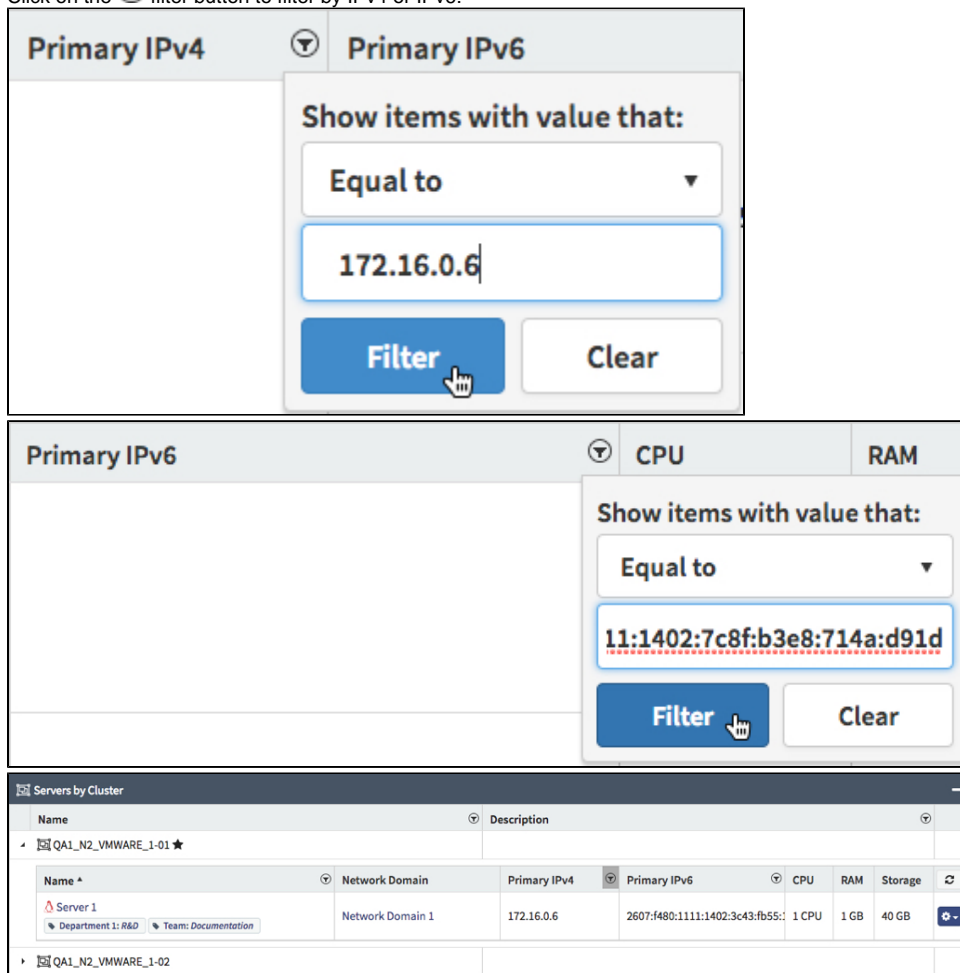
8. **If User-Manageable Clusters are enabled for the Data Center, then the Data Center dashboard also displays the Servers by Cluster tab:**

Name	Network Domain	Primary IPv4	Primary IPv6	CPU	RAM	Storage
NGOC Server 1	Network Domain 1	172.16.0.11	2607:f480:1111:1402:371c:4172:	1 CPU	1 GB	40 GB
Server 1	Network Domain 1	172.16.0.6	2607:f480:1111:1402:3c43:fb55:	1 CPU	1 GB	40 GB
Server 2	Network Domain 1	192.168.128.1	2607:f480:1111:1406:636:8fcb:1:	1 CPU	1 GB	10 GB
SnapshotServer 1	Network Domain 1	172.16.0.7	2607:f480:1111:1402:7db3:818b:	1 CPU	1 GB	10 GB

- See [Introduction to User-Manageable Clusters](#) for more information about Clusters.
- Click on the drop-down icon to expose the servers that are associated with each Cluster
- Hover your mouse over the Cluster icon to see information about the Cluster, including Name and ID:



- Click on the  filter button to filter by IPv4 or IPv6:



The image shows a multi-step process of filtering data. The top section shows a filter for 'Primary IPv4' with a dropdown menu open, displaying 'Show items with value that:' and 'Equal to'. The input field contains '172.16.0.6' and the 'Filter' button is highlighted. The middle section shows a filter for 'Primary IPv6' with a dropdown menu open, displaying 'Show items with value that:' and 'Equal to'. The input field contains '11:1402:7c8f:b3e8:714a:d91d' and the 'Filter' button is highlighted. The bottom section shows a table titled 'Servers by Cluster' with columns for Name, Network Domain, Primary IPv4, Primary IPv6, CPU, RAM, and Storage. The table contains one row for 'Server 1' with the following values: Network Domain 1, 172.16.0.6, 2607:f480:1111:1402:3c43:fb55::1, 1 CPU, 1 GB, and 40 GB.

Name	Network Domain	Primary IPv4	Primary IPv6	CPU	RAM	Storage
Server 1	Network Domain 1	172.16.0.6	2607:f480:1111:1402:3c43:fb55::1	1 CPU	1 GB	40 GB

9. **The Data Center dashboard also displays the Data Center Specifications tab. Click on the drop-down button to display the Data Center Specifications tab:**

- The Data Center Specifications tab will display the virtual hardware capabilities of the data center location. For instructions on how to understand the Data Center Specifications tab, see: [How do I Identify Hardware Specifications and Capabilities Available in a Data Center Location](#)

10. If User-Manageable Clusters have been configured for the Data Center, then the Data Center Specifications tab will display the capabilities of each cluster in the Data Center:

Data Center Specifications		
Networking		
Type:	MCP 2.0	
Maximum Node Connection Limit:	100,000	
Maximum Node Connection Rate Limit:	4,000	
Maximum Virtual Listener Connection Limit:	100,000	
Maximum Virtual Listeners With SSL Offload Profile in a Network Domain:	100	
Private Key Acceptable Bit Lengths:	512,1024,2048	
Default Cipher:		
MEDIUM:HIGH:EXPORT:ADH:MD5:RC4:SSLV2:SSLV3:3DES:TLSv1:ECDH:ECDF_RSA:IEC DH_ECDSA:IECDHE_ECDSA:@SPEED		
Storage		
Minimum Disk Count:	0	
Maximum Disk Count:	60	
Maximum Total Storage for an Image:	3,000 GB	
VLAN / Server Security Groups		
Security Groups Enabled:	True	
Maximum NICs/Servers Per Security Group:	100	
Maximum Security Groups Per Network Domain:	300	
Snapshot		
Snapshot Enabled:		True
Maximum Manual Snapshots Per Server:		10
Manual Snapshot Retention (Days):		14
Maximum Total Snapshot Storage:		10,000 GB
Maximum Snapshot Preview Servers:		2
Snapshot Replication Enabled:		True
Snapshot Replication Locations:		QA_GEO1_2_GALWAY
Snapshot Archive Enabled:	☑	True
Snapshot Retention Before Archive (Days):		1
Snapshot Long Term Retention Enabled:		True
Minimum Long Term Frequency (Days):		30
Maximum Long Term Frequency (Days):		365
Minimum Long Term Retention (Days):		90
Maximum Long Term Retention (Days):		5000
Disaster Recovery Service		
DRS Replication Locations:		QA_GEO1_2_GALWAY
Maximum DRS Journal Size:		10,000 GB
Guest OS Customized Servers with Non-Unique IP Addresses: Supported		
Cluster Properties		
	Cluster1 ★	Cluster2
CPU		
Maximum CPU Count	32	32
Minimum Memory	1 GB	1 GB
Maximum Memory	256 GB	256 GB
CPU Speed		
Standard ☑	☑	☑
High Performance ☑	☑	☑
Disk		
Minimum Disk Size	1 GB	1 GB
Maximum Disk Size	1000 GB	1000 GB
Maximum Total Storage	3000 GB	3000 GB
Disk Speed		
Standard ☑	☑	☑
Provisioned IOPS ☑	☑	☑
High Performance ☑	☑	☑
Economy ☑	☑	☑
Anti Affinity Rules		
Create Anti Affinity Rules Enabled	☑	☑
Advanced Virtualization Settings ☑	☑	☒

Note: See [How do I Identify Hardware Specifications and Capabilities Available in a Data Center Location](#)

Recently Updated

- [How are Operational Maintenance Events Performed on the Cloud](#)
- [Introduction to Geographic Regions](#)
- [How do I Identify Hardware Specifications and Capabilities Available in a Data Center Location](#)
- [Navigating the Server Dashboard](#)
- [Navigating the Virtual Networks and Servers Dashboard](#)