

Foglight[®] for IBM Cloud Migration Assessment 6.1.0 **User and Administration Guide**



© 2022 Quest Software Inc.

ALL RIGHTS RESERVED.

This guide contains proprietary information protected by copyright. The software described in this guide is furnished under a software license or nondisclosure agreement. This software may be used or copied only in accordance with the terms of the applicable agreement. No part of this guide may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording for any purpose other than the purchaser's personal use without the written permission of Quest Software Inc.

The information in this document is provided in connection with Quest Software products. No license, express or implied, by estoppel or otherwise, to any intellectual property right is granted by this document or in connection with the sale of Quest Software products. EXCEPT AS SET FORTH IN THE TERMS AND CONDITIONS AS SPECIFIED IN THE LICENSE AGREEMENT FOR THIS PRODUCT, QUEST SOFTWARE ASSUMES NO LIABILITY WHATSOEVER AND DISCLAIMS ANY EXPRESS, IMPLIED OR STATUTORY WARRANTY RELATING TO ITS PRODUCTS INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. IN NO EVENT SHALL QUEST SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, PUNITIVE, SPECIAL OR INCIDENTAL DAMAGES (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION OR LOSS OF INFORMATION) ARISING OUT OF THE USE OR INABILITY TO USE THIS DOCUMENT, EVEN IF QUEST SOFTWARE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Quest Software makes no representations or warranties with respect to the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and product descriptions at any time without notice. Quest Software does not make any commitment to update the information contained in this document. If you have any questions regarding your potential use of this material, contact:

Quest Software Inc.

Attn: LEGAL Dept. 4 Polaris Way Aliso Viejo, CA 92656

Refer to our website (https://www.quest.com) for regional and international office information.

Patents

Quest Software is proud of our advanced technology. Patents and pending patents may apply to this product. For the most current information about applicable patents for this product, please visit our website at https://www.quest.com/legal.

Trademarks

Quest, the Quest logo, and Where Next Meets Now are trademarks and registered trademarks of Quest Software Inc. For a complete list of Quest marks, visit https://www.quest.com/legal/trademark-informatk-information.aspx. Red Hat, JBoss, the JBoss logo, and Red Hat Enterprise Linux are registered trademarks of Red Hat, Inc. in the U.S. and other countries. CentOS is a trademark of Red Hat, Inc. in the U.S. and other countries. CentOS is a trademark of Red Hat, Inc. in the U.S. and other countries. CentOS is a trademark of Red Hat, Inc. in the U.S. and other countries. Tedora and the Infinity design logo are trademarks of Red Hat, Inc. Microsoft, .NET, Active Directory, Internet Explorer, Hyper-V, Office 365, SharePoint, Silverlight, SQL Server, Visual Basic, Windows, Windows Vista and Windows Server are either registered trademarks or trademarks or longistered trademarks or oracle and/or its affiliates in the United States and other countries. AIX, IBM, PowerPC, PowerVM, and WebSphere are trademarks of International Business Machines Corporation, registered trademarks or registered trademarks of oracle and/or its affiliates in the United States and other countries. SPARC is a registered trademark of SPARC International, Inc. in the United States and other countries. Products bearing the SPARC trademarks are based on an architecture developed by Oracle Corporation. OpenLDAP is a registered trademark of the OpenLDAP Foundation. HP is a registered trademark that belongs to HewletH-Paokard Development Company, L.P. Linux is a registered trademark of trademarks of trademarks or trademarks of Trademarks of Novell, Inc., in the United States, and/or other jurisdictions. SAP is a registered trademark of SAP, Inc. The X Window System and UNIX are registered trademarks of Canonical Ltd. Symantec and Veritas are trademarks of the Mozilla Foundation. IOS is a registered trademark of Canonical Ltd. Symantec and Veritas are trademarks of the Mozilla Foundation. IOS is a registered trademark of Canonical Ltd. Symantec and Verit

Legend

WARNING: A WARNING icon indicates a potential for property damage, personal injury, or death.

CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

i IMPORTANT NOTE, NOTE, TIP, MOBILE, or VIDEO: An information icon indicates supporting information.

Foglight for IBM Cloud Migration Assessment User and Administration Guide Updated - April 2022 Foglight Version - 6.1.0 Cartridge Version - 6.1.0

Contents

IBM Cloud Migration Assessment Dashboard4
Installation requirements
Dashboard Location
IBM Cloud Migration Assessment dashboard Introduction
Homepage
IBM Cloud Migration Modeling
About us
Technical support resources

IBM Cloud Migration Assessment Dashboard

IBM Cloud provides some hosted VMware solutions while Foglight for IBM Cloud Migration Assessment dashboard helps the IBM Cloud users to review their on-premises environments, provides appraisal of the costs to run those workloads, and migrates VMware VMs to IBM Cloud Servers for VMware Solutions Dedicated.

This section introduces you to the Foglight for IBM Cloud Migration Assessment environment and provides you with essential information.

For more information, refer to the following topics:

- Installation requirements
- Dashboard Location
- IBM Cloud Migration Assessment dashboard Introduction

Installation requirements

Foglight for IBM Cloud Migration Assessment dashboard comes installed on Foglight Evolve.

Foglight for IBM Cloud Migration Assessment dashboard requires the following cartridges for data collection:

- Virtual-VMware-6.0.0.car
- CommonAnalytics-6.0.0car
- Cost-Director-6.0.0.car

While Foglight Evolve comes with these cartridges pre-installed and enabled, a standalone Foglight release requires that these components be installed on the Foglight Management Server. The sequence of cartridge installation is important because of their dependencies. For more information about installing Foglight for IBM Cloud Migration Assessment dashboard, and for details about system requirements and version compatibility, see the Foglight for IBM Cloud Migration Assessment dashboard Release Notes.

Dashboard Location

After installing Foglight for IBM Cloud Migration Assessment, the **IBM Cloud Migration Assessment** entry appears under *Homes*.

To access the IBM Cloud Migration Assessment dashboard:

- 1 Log in to the Foglight browser interface.
- 2 Ensure that the navigation panel is open.

To open the navigation panel, click the right-facing arrow 🕨 on the left.

3 On the navigation panel, under Homes, click IBM Cloud Migration Assessment.

The IBM Cloud Migration Assessment dashboard opens.

Figure 1. IBM Cloud Migration Assessment dashboard



IBM Cloud Migration Assessment dashboard Introduction

This section includes the following contents:

- Homepage
- IBM Cloud Migration Modeling

Homepage

The IBM Cloud Migration Assessment dashboard includes the following elements:

• IBM Cloud Server Pricing

Click the link **IBM Cloud for VMware Solutions** to popup an IBM Cloud server list dialog box. The default server pricing list has been pre-defined. Users can import a new IBM Cloud pricing.

BM Cloud	Region	Paris	~				
ervice Ty	pe	All	~]			
🛃 Import	t				Search	Q	
Region	Se	rvice Type	*	Category	Item Name	Price	
Paris	AD			Active Directory VSI	1 Gbps Private Network Uplink	\$ Month	
Paris	AD			Active Directory VSI	8 GB RAM	\$ Month	
Paris	AD			Active Directory VSI	Windows Server 2019 Standard Edition (64 bit)	\$ Month	
Paris	AD			Active Directory VSI	100 GB (SAN)	\$?/Month	-
Paris	AD			Active Directory VSI	2.0 GHz Cores (QTY 2)	\$ Month	
Paris	ATTST			Attached Storage	1 GB - 4 IOPS/GB - Shared File-Level Storage for Client Work	\$8 Month	
Paris	ATTST			Attached Storage	1 GB25 IOPS/GB - Shared File-Level Storage for Client Wor	\$1 Month	
Paris	ATTST			Attached Storage	1 GB - 10 IOPS/GB - Shared File-Level Storage for Client Wor	\$ Month	
Paris	ATTST			Attached Storage	1 GB - 2 IOPS/GB - Shared File-Level Storage for Client Work	\$ Month	
aris	BMMisc			Bare Metal	500 GB Public Bandwidth	\$1.10 Month	
Paris	BMMisc			Bare Metal	10 Gbps Dual Public & Private Network Uplinks (Unbonded)	\$)/Month	
Paris	BMMisc			Bare Metal	Intel TXT	\$2 mMonth	
Paris	BMMisc			Bare Metal	Disk Controller	\$11 Month	
Paris	BMMisc			Bare Metal	10 Gbps Dual Private Network Uplinks (Unbonded)	\$)/Month	
Paris	BMMisc			Bare Metal	Redundant Power Supply	\$ Month	
Paris	BMMisc			Bare Metal	Monitoring	\$1 Minth	
Paris	Caveon	ix		Network	64 portable IP addresses	\$1.00 1onth	
Paris	Caveonix		nix Licenses Caveonix 10-VM License Pack				
Paris	CPU			Bare Metal	Bare Metal Server Dual Intel Xeon Gold 6248 (2U; 12 drives;	\$)/Month	
Paris	CPU			Bare Metal	Bare Metal Server Intel Xeon Gold 6140 Processor (20: 12 dri	so)/Month	-

• Compute Price Plan and Storage Price Plan

The price plans are used to define the VMware VMs on-premises cost. Click the links and bring you to the *Compute Price Plans* and *Storage Price Plans* tabs under *On-Premises* > *Administration* in Foglight Cost Director dashboard.

Performance Impact

Performance Impact helps ensure a balance between costs and performance. Impact is measured by understanding how often a virtual machine exceeds the proposed destinations available resources. Users can input value for 0 - 100%. The default value is 5%. The higher the percentage the higher the impact. By choosing an impact, a cheaper server can be selected for the recommendation.

For example, by setting a value of 10%, the impact algorithm will assess how often a cloud cluster exceeds the proposed destination resources and count each breach of the available resources based on historic performance.

Analysis Period

This period will be used to calculate the average usage of the needed resources (CPU, memory, and so on) in the consolidated environment. Users can define an Average Analysis Period. The default value is 7 days and other values, such as 1, 3, and 30 days, are supported.

i NOTE: Ensure that the chosen period is available in Foglight. If 30 days is chosen, while only 3 days of history data is available in the Foglight database, it will only use the 3 days of data for the average analysis period.

• IBM Cloud Cluster table

To create a new cloud cluster, do the following:

1 Click **New Cloud Cluster** and a *VMware Solutions Dedicated* dialog box will appear. Specify a cloud cluster name, make necessary changes, and click **Save**.

VMware Solutions Dedicated - Add Cloud Cluster	×
Solution types vCenter Server Cluster Name Allocatable Resources CPU 90 % Memory 90 % Storage 70 %	
Data Center Location Amsterdam ▼ VWware vsybhere version vsphere 6.7u3 ▼ Vsphere HA Host failures duster tolerates 1 VMware NSX networking solution ③ NSX-V Instance Type ④ Primary instance	Storage
Licensing Vcneter Server license - Standard (a) Include with purchase 1 will provide Vsphere license - Enterprise Plus (a) Include with purchase I will provide NSX license (a) Include with purchase I will provide Base V	Pretvork Interface Enable private NICs only Private network only VLANs Order new VLANs A new public VLAN and two private VLANs will be provisioned. DNS configuration Single public Windows VSI for Active Directory/DNS Two highly available dedicated Windows server VMs on the management duster
	Save

2 Click Add VMs to open a Manual Virtual Machines Migration dialog box. Select the VMs you want to add to the cloud cluster. The Memory Usage, CPU Demand, Storage Usage, and Storage IOPs for the selected VMs will be aggregated as Cloud Cluster metrics. Click Save.

lect Virtual Machine(s) from Tier:					Targ IBM	et Cloud Cluster:				
		Search		Q				Sea	ırch	Q
) Virtual Machine	CPU	Memory	Storage	IOPs		Virtual Machine	CPU	Memory	Storage	IOPs
) 🛃 v@s (a)	14.0 MHz	127.91 MB	2 GiB	0.0 c/s *		AITE	n/a	n/a	44.02 GiB	n/a
) 🛃 villa (#)	14.0 MHz	37.46 MB	2 GiB	0.0 c/s		Anna	n/a	n/a	40 GiB	n/a
) 🛃 ville (1)	15.0 MHz	127.95 MB	2 GiB	0.0 c/s		Aildum_2	n/a	n/a	40 GiB	n/a
Value 700 array	25.0 MHz	5.88 GB	40 GiB	0.07 c/s		E Filme	n/a	n/a	60.02 GiB	n/a
Villoure of artist Server 79	1.15 GHz	12.0 GB	433.14 GiB	52.53 c/s		📑 Hyffrad KeyCentrel 5.0 500004	n/a	n/a	60 GiB	n/a
Villione HEL Manager 6.3.7	177.0 MHz	5.26 GB	60 GiB	2.2 c/s		Jan unmingen	n/a	n/a	1 GiB	n/a
) 🛃 visek Meditist Cale anter_x86	2.31 GHz	3.85 GB	40 GiB	0.13 c/s		🔂 K 🖮	n/a	n/a	16 GiB	n/a
HANDRONE HANDRONE	n/a	n/a	60 GiB	n/a		Mig_ 306_ 37H with 82H	n/a	n/a	40 GiB	n/a
HALLMAN DA	n/a	n/a	60 GiB	n/a		Mig. 000, West with Date	n/a	n/a	4.03 TiB	n/a
Halana Halana	n/a	n/a	40 GiB	n/a		🛃 New Virtual Haching in assign 1P	n/a	n/a	1 GiB	n/a
🔂 Satis	n/a	n/a	210 GiB	n/a		N office	n/a	n/a	706.93 GiB	n/a
Sitter	n/a	n/a	210 GiB	n/a		🛃 Natina	n/a	n/a	706.93 GiB	n/a
Sala	n/a	n/a	210 GiB	n/a		🐻 Natisal	n/a	n/a	706.93 GIB	n/a
ACTE	n/a	n/a	44.02 GiB	n/a		🛃 Nationia	n/a	n/a	774.93 GiB	n/a
Autom_s	n/a	n/a	40 GiB	n/a		National National	n/a	n/a	774.93 GIB	n/a
(T)				. *		m				

3 The **IBM Cloud Migration Assessment** dashboard refreshes and the CPU, Memory, and Storage IOPs Metrics chart for selected IBM Cloud Cluster are displayed.

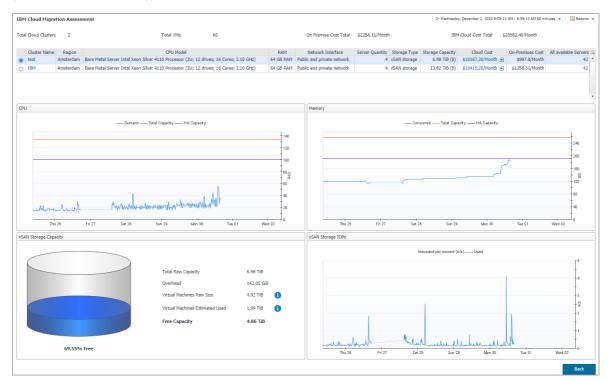
The IBM Cloud Cluster table also supports to edit or delete existing cloud cluster and save the exiting cloud cluster as configuration or load cloud clusters from configuration.

Run Model button

Click the button to assess migration, the IBM Cloud server with lowest cloud cost will be recommended.

IBM Cloud Migration Modeling

After running model, a migration modeling result breakdown page will be displayed. It shows which IBM Server should be used for each Cloud Cluster. The system recommends the IBM Server with the lowest total cloud cost (server unit cost * quantity).



The migration modeling result page includes the following elements:

Model result summary

Shows the Total Cloud Clusters, Total VMs, On-Premises Cost Total, and IBM Cloud Cost Total.

- Cloud Cluster list, including the following information:
 - Cluster Name and Region. Click Cluster Name to display Cloud Cluster Details page.

System East Initial cluster name test VMware vSphere version vSphere 6.7u3 Data center location Amsterdam Number of bare metal servers 4 DNS configuration Single public Windows VSI for Active Directory/DNS CPU model Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz) RAM 64 GB RAM vSAN storage Number of vSAN capacity disks Number of vSAN capacity disks 8 Disk type and size for vSAN capacity disks 8 Disk type and size for vSAN cache disks 2 Disk size for vSAN cache disks 2 Disk size for vSAN cache disks 2 Disk size for vSAN cache disks 1 Enable vSAN compression and deduplication true Networking Enable private NICs only Enable private NICs only false Licenses VSphere license - Enterprise Plus Include with purchase VSP here license - Enterprise Plus Include with purchase VSV hereo Include with purchase	Summary of Cloud Cluster test		
Number of bare metal servers 4 DNS configuration Single public Windows VSI for Active Directory/DNS CPU model Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz) RAM 64 GB RAM vSAN storage Image Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz) Number of vSAN capacity disks 8 Disk torpe of vSAN capacity disks 8 Disk tope of vSAN capacity disks 4rd Drive: 960 GB SSD Number of vSAN cache disks 2 Disk type and size for vSAN capacity disks Hard Drive: 960 GB SSD Number of vSAN cache disks 1 Enable vSAN compression and deduplication true Networking Image Metal Server Server Intel Networking Enable Initiates Information false Licenses Undue with purchase vSphere Ricense - Enterprise Plus Include with purchase	System		
Data center location Amsterdam Number of bare metal servers 4 DNS configuration Single public Windows VSI for Active Directory/DNS CPU model Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2:10 GHz) RAM 64 GB RAM VSAN scapacity disks Number of vSAN capacity disks 8 Disk type and size for vSAN capacity disks Hard Drive: 960 GB SSD Number of vSAN cache disks 2 Disk size for vSAN cache disks Hard Drive: 960 GB SSD Enable vSAN compression and deduplication true Networking Include with purchase Licenses VSphere license - Enterprise Plus vCenter Server license - Standard Include with purchase	Initial cluster name	test	
Number of bare metal servers 4 DNS configuration Single public Windows VSI for Active Directory/DNS CPU model Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz) RAM 64 GB RAM vSAN storage VMmber of VSAN capacity disks B Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz) vSAN storage VSAN storage vsAN storage Number of VSAN capacity disks 8 Disk type and size for vSAN capacity disks 8 Disk type and size for vSAN cache disks 2 Disk size for vSAN cache disks 2 Disk size for vSAN cache disks 4 Bradle vSAN compression and deduplication true Networking Enable vSIN conly Gase Voldee with purchase voenter Server license - Enterprise Plus Voenter Server license - Standard Include with purchase	VMware vSphere version	vSphere 6.7u3	
DNS configuration Single public Windows VSI for Active Directory/DNS CPU model Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz) RAM 64 GB RAM vSAN storage Number of VSAN capacity disks 8 Disk type and size for vSAN capacity disks 2 Disk size for vSAN cache disks 2 Disk size for vSAN cache disks Hard Drive: 960 GB SSD Enable vSAN compression and deduplication true	Data center location	Amsterdam	
CPU model Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz) RAM 64 GB RAM vSAN storage 64 GB RAM Number of VSAN capacity disks 8 Disk type and size for VSAN capacity disks 8 Disk type and size for VSAN capacity disks 8 Disk type and size for VSAN capacity disks 960 GB SSD Disk type and size for VSAN capacity disks 1 Disk type and size for VSAN capacity disks 1 Disk type and size for VSAN capacity disks 1 Disk type and size for VSAN capacity disks 1 Disk type and size for VSAN capacity disks 1 Disk type and size for VSAN capacity disks 1 Disk type and size for VSAN capacity disks 1 Disk size for VSAN capacity disks 1 Disk size for VSAN capacity disks 1 Enable VSAN compression and deduplication true Networking Enable private NICs only Eicenses 5 Ucenses VSAN VSphere license - Enterprise Plus Include with purchase VCenter Server license - Standard Include with purchase	Number of bare metal servers	4	
RAM 64 GB RAM 64 GB RAM 64 GB RAM 55 ST Constraints (cb.) a solution of the second state of the second sta	DNS configuration	Single public Windows VSI for Active Directory/DNS	
VSAN storage Number of vSAN capacity disks 8 Disk type and size for vSAN capacity disks Hard Drive: 960 GB SSD Number of vSAN cache disks 2 Disk size for vSAN cache disks 2 Disk size for vSAN cache disks Hard Drive: 960 GB SSD Enable vSAN compression and deduplication true Networking Enable private NICs only false Licenses VSphere license - Enterprise Plus Include with purchase vCenter Server license - Standard Include with purchase	CPU model	Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz)	
Number of VSAN capacity disks 8 Disk type and size for vSAN capacity disks Hard Drive: 960 GB SSD Number of VSAN cache disks 2 Disk size for vSAN cache disks Hard Drive: 960 GB SSD Enable vSAN compression and deduplication true Networking	RAM	64 GB RAM	
Disk type and size for vSAN capacity disks Hard Drive: 960 GB SSD Number of vSAN cache disks 2 Disk size for vSAN cache disks Hard Drive: 960 GB SSD Enable vSAN compression and deduplication true Networking Enable private NICs only false Licenses Usphere license - Enterprise Plus Include with purchase vCenter Server license - Standard Include with purchase	vSAN storage		
Number of vSAN cache disks 2 Disk size for vSAN cache disks Hard Drive: 960 GB SSD Enable vSAN compression and deduplication true	Number of vSAN capacity disks	8	
Disk size for vSAN cache disks Hard Drive: 960 GB SSD Enable vSAN compression and deduplication true Networking Enable private NICs only false Licenses VSphere license - Enterprise Plus Include with purchase vCenter Server license - Standard Include with purchase	Disk type and size for vSAN capacity disks	Hard Drive: 960 GB SSD	
Enable vSAN compression and deduplication true Networking Enable private NICs only false Licenses VSphere license - Enterprise Plus Include with purchase vCenter Server license - Standard Include with purchase	Number of vSAN cache disks	2	
Networking Enable private NICs only false Licenses VSphere license - Enterprise Plus Include with purchase vCenter Server license - Standard Include with purchase	Disk size for vSAN cache disks	Hard Drive: 960 GB SSD	
Enable private NICs only false Licenses VSphere license - Enterprise Plus Include with purchase vCenter Server license - Standard Include with purchase	Enable vSAN compression and deduplication	true	
Licenses vSphere license - Enterprise Plus Include with purchase vCenter Server license - Standard Include with purchase	Networking		
vSphere license - Enterprise Plus Include with purchase vCenter Server license - Standard Include with purchase	Enable private NICs only	false	
vCenter Server license - Standard Include with purchase	Licenses		
	vSphere license - Enterprise Plus	Include with purchase	
NSX licence Include with purchase/Race)	vCenter Server license - Standard	Include with purchase	
hisk licelise Include with purchase(base)	NSX license	Include with purchase(Base)	
vSAN license Include with purchase(Advanced)	vSAN license	Include with purchase(Advanced)	

Foglight for IBM Cloud Migration Assessment 6.1.0 User and Administration Guide IBM Cloud Migration Assessment Dashboard

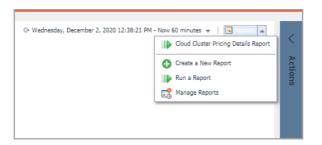
- Recommended Server Information, including CPU Model, RAM, Network Interface, Server Quantity, Storage Type, and Storage Capacity.
- Compare Cloud Cost and On-Premises Cost.

Click *Cloud Cost* to display *Pricing Details of Cloud Cluster* page. The *Pricing Details* page displays the estimated total price for *Bare Metal Servers*, *Additional Networks*, *License*, *Support and Services*, and *Active Directory*.

Estimated Total Price		\$10167.20/mo
Bare Metal Servers		\$1538.80/mo x 4
vSAN capacity disks	Hard Drive: 960 GB SSD	\$103.00 x 2
vSAN cache disks	Hard Drive: 960 GB SSD	\$103.00 x 2
First PCIe Component	M.2 for OS Boot	\$30.00
Disk Controller	RAID	\$51.50
Operating System	VMware Server Virtualization 6.7 Update 2	\$250.00
Uplink Port Speed	10 Gbps Dual Public & Private Network Uplinks (Unbonded)	\$206.00
Power Supply	Redundant Power Supply	\$10.30
RAM	64 GB RAM	\$227.00
Server	Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz)	\$350.00
Server Security	Intel TXT(Trusted Execution Technology)	\$2.00
Public (only) Secondary VLAN IP Addresses	16 Portable Public IP Addresses	\$32.00 x 2
	16 Portable Public IP Addresses	
	16 Portable Public IP Addresses vCenter Server Appliance 6.x	\$32.00 x 2 \$2408.00/mo \$0.00
License		\$2408.00/mo
License Software License	vCenter Server Appliance 6.x	\$2408.00/mo \$0.00
License Software License Software License	vCenter Server Appliance 6.x VMware NSX Base 6.0	\$2408.00/mo \$0.00 \$174.00 x 4
License Software License Software License	vCenter Server Appliance 6.x VMware NSX Base 6.0	\$2408.00/mo \$0.00 \$174.00 × 4 \$428.00 × 4
License Software License Software License Software License Support and Services	vCenter Server Appliance 6.x VMware NSX Base 6.0 VMware vSAN Advanced Tier I 0 - 20 TB 6.x	\$2408.00/mo \$0.00 \$174.00 × 4 \$428.00 × 4 \$1400.00/mo
License Software License Software License Support and Services Service	vCenter Server Appliance 6.x VMware NSX Base 6.0 VMware vSAN Advanced Tier I 0 - 20 TB 6.x	\$2408.00/mo \$0.00 \$174.00 × 4 \$428.00 × 4 \$420.00 × 4 \$1400.00/mo
License Software License Software License Support and Services Service Active Directory	vCenter Server Appliance 6.x VMware NSX Base 6.0 VMware vSAN Advanced Tier I 0 - 20 TB 6.x Service & Support	\$2408.00/mo \$0.00 \$174.00 × 4 \$428.00 × 4 \$1400.00/mo \$350.00 × 4 \$140.00/mo
License Software License Software License Software License Support and Services Service Active Directory Operating System	vCenter Server Appliance 6.x VMware NSX Base 6.0 VMware vSAN Advanced Tier I 0 - 20 TB 6.x Service & Support Windows Server 2019 Standard Edition (64 bit)	\$2408.00/mo \$0.00 \$174.00 x 4 \$428.00 x 4 \$428.00 x 4 \$1400.00/mo \$350.00 x 4 \$140.00/mo \$53.10
License Software License Software License Support and Services Service Active Directory Operating System First Disk	vCenter Server Appliance 6.x VMware NSX Base 6.0 VMware vSAN Advanced Tier 1 0 - 20 TB 6.x Service & Support Windows Server 2019 Standard Edition (64 bit) 100 GB (SAN)	\$2408.00/mo \$0.00 \$174.00 x 4 \$428.00 x 4 \$1400.00/mo \$350.00 x 4 \$140.00/mo \$53.10 \$10.60

Pricing Details Report

In *Pricing Details* page, click *Reports* > *Cloud Cluster Pricing Details Report* to generate a *Pricing Details* report.



 Click the number of servers in All Available Servers column to open an All Cloud Servers dialog box. Users can select another server in the list. Once another available server is chosen, the system will update server information in the selected cloud cluster and recalculate the Cloud Cost (server unit cost * quantity).

ele	ct another cloud server for cluster test				
he	system recommends the least expensive cloud server for the cluster by default, but an alte	ernate server can be	selected for th	e cluster from the follo	owing table.
	CPU Model	RAM	Quantity	Storage Capacity	Total Cost 🔺
0	Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz)	64 GB RAM	4	6.98 TB (8)	\$10167.2/Month
С	Bare Metal Server Dual Intel Xeon Silver 4210 (2U; 12 drives; 20 Cores; 2.20 GHz)	64 GB RAM	4	6.98 TB (8)	\$10167.2/Month
С	Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz)	96 GB RAM	4	6.98 TB (8)	\$10395.2/Month
С	Bare Metal Server Dual Intel Xeon Silver 4210 (2U; 12 drives; 20 Cores; 2.20 GHz)	96 GB RAM	4	6.98 TB (8)	\$10395.2/Month
C	Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz)	128 GB RAM	4	6.98 TB (8)	\$10627.2/Month
С	Bare Metal Server Dual Intel Xeon Silver 4210 (2U; 12 drives; 20 Cores; 2.20 GHz)	128 GB RAM	4	6.98 TB (8)	\$10627.2/Month
С	Bare Metal Server Intel Xeon Gold 5120 Processor (2U; 12 drives; 28 Cores; 2.20 GHz)	64 GB RAM	4	6.98 TB (8)	\$10643.2/Month
С	Bare Metal Server Dual Intel Xeon Gold 5218 (2U; 12 drives; 32 Cores; 2.30 GHz)	64 GB RAM	4	6.98 TB (8)	\$10643.2/Month
С	Bare Metal Server Intel Xeon Gold 5120 Processor (2U; 12 drives; 28 Cores; 2.20 GHz)	96 GB RAM	4	6.98 TB (8)	\$10871.2/Month
С	Bare Metal Server Dual Intel Xeon Gold 5218 (2U; 12 drives; 32 Cores; 2.30 GHz)	96 GB RAM	4	6.98 TB (8)	\$10871.2/Month
С	Bare Metal Server Intel Xeon Silver 4110 Processor (2U; 12 drives; 16 Cores; 2.10 GHz)	192 GB RAM	4	6.98 TB (8)	\$11087.2/Month
С	Bare Metal Server Dual Intel Xeon Silver 4210 (2U; 12 drives; 20 Cores; 2.20 GHz)	192 GB RAM	4	6.98 TB (8)	\$11087.2/Month
C	Bare Metal Server Intel Xeon Gold 5120 Processor (2U; 12 drives; 28 Cores; 2.20 GHz)	128 GB RAM	4	6.98 TB (8)	\$11103.2/Month
D	Bare Metal Server Dual Intel Xeon Gold 5218 (2U; 12 drives; 32 Cores; 2.30 GHz)	128 GB RAM	4	6.98 TB (8)	\$11103.2/Month
С	Bare Metal Server Intel Xeon Gold 6140 Processor (2U; 12 drives; 36 Cores; 2.30 GHz)	64 GB RAM	4	6.98 TB (8)	\$11135.2/Month
С	Bare Metal Server Dual Intel Xeon Gold 6248 (2U; 12 drives; 40 Cores; 2.50 GHz)	64 GB RAM	4	6.98 TB (8)	\$11135.2/Month
С	Bare Metal Server Intel Xeon Gold 6140 Processor (2U; 12 drives; 36 Cores; 2.30 GHz)	96 GB RAM	4	6.98 TB (8)	\$11363.2/Month
С	Bare Metal Server Dual Intel Xeon Gold 6248 (2U; 12 drives; 40 Cores; 2.50 GHz)	96 GB RAM	4	6.98 TB (8)	\$11363.2/Month
C	Bare Metal Server Intel Xeon Gold 5120 Processor (2U; 12 drives; 28 Cores; 2.20 GHz)	192 GB RAM	4	6.98 TB (8)	\$11563.2/Month
С	Bare Metal Server Dual Intel Xeon Gold 5218 (2U; 12 drives; 32 Cores; 2.30 GHz)	192 GB RAM	4	6.98 TB (8)	\$11563.2/Month
С	Bare Metal Server Intel Xeon Gold 6140 Processor (2U; 12 drives; 36 Cores; 2.30 GHz)	128 GB RAM	4	6.98 TB (8)	\$11595.2/Month
9		1			

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Around the globe, more than 130,000 companies and 95% of the Fortune 500 count on Quest to deliver proactive management and monitoring for the next enterprise initiative, find the next solution for complex Microsoft challenges and stay ahead of the next threat. Quest Software. Where next meets now. For more information, visit https://www.quest.com/.

Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at https://support.quest.com.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request.
- View Knowledge Base articles.
- Sign up for product notifications.
- Download software and technical documentation.
- View how-to-videos.
- Engage in community discussions.
- · Chat with support engineers online.
- · View services to assist you with your product.