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VMware 1V0-31.21

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QUESTION NO: 1

Which two types of content can be included when creating a custom dashboard? (Choose two.)

- A. Reports
- B. Widgets
- C. Logs
- D. Views
- E. Scenarios

ANSWER: A B

Explanation:

Reference: <https://support.google.com/analytics/answer/1068218?hl=en#zippy=%2Cin-this-article>

To create a Dashboard:

1. Sign in to Google Analytics. [↗](#)
2. Navigate to your view [↗](#).
3. Open Reports [↗](#).
4. Click CUSTOMIZATION > Dashboards.
5. Click Create.
6. In the *Create Dashboard* dialog, select either **Blank Canvas** (no widgets) or **Starter Dashboard** (default set of widgets).
You can also import Dashboard configurations from the Solutions Gallery.



Create dashboard pane.

7. Give your Dashboard a descriptive title, then click **Create Dashboard**.

Add widgets to your Dashboard

A Dashboard can have one or more instances of the following kinds of widgets:

QUESTION NO: 2

An operator wants to check the health of the vRealize Suite components deployed in a environment.

Which two actions should an operator take in vRealize Operations Manager to accomplish this objective? (Choose two.)

- A. Check the SDDC Health Historic Trend dashboard.
- B. Install content packs for the vRealize Suite components.
- C. Check the SDDC Management Health Overview dashboard.
- D. Check the vRealize Orchestrator Overview dashboard.
- E. Install the SDDC Management Health Monitoring Solution.

ANSWER: A C

Explanation:

The VMware SDDC Health Monitoring Solution consists of SDDC health historic trend dashboard, which displays the health trend for each component in the SDDC stack.

You can use SDDC Management Health overview dashboard to view and analyze the application-specific problems in the SDDC components.

Reference: <https://docs.vmware.com/en/VMware-vRealize-Operations-Management-Pack-for-vRealize-Operations/8.6/sddc-health/GUID-A92FD99C-C783-473F-9C42-4F7A08F1B73C.html>

QUESTION NO: 3

Which two vRealize Suite components can an administrator use to help troubleshoot and resolve issues with an existing deployment of vRealize Automation? (Choose two.)

- A. vRealize Operations
- B. Workspace ONE Access
- C. vRealize Suite Subscription Manager
- D. vRealize Log Insight
- E. vRealize Orchestrator

ANSWER: A E

Explanation:

Integrate and troubleshoot vSphere endpoint issues associated with vRealize Automation 8.x using the vRealize Operations Manager dashboard.

Reference: <https://docs.vmware.com/en/vRealize-Operations-Manager/8.4/com.vmware.vcom.core.doc/GUID-822BB5DD-D84D-420D-BD12-DBFE096322BA.html> <https://docs.vmware.com/en/vRealize-Automation/8.5/rn/vmware-vrealize-automation-85-release-notes/index.html>

QUESTION NO: 4

Which is the valid use case for vRealize Automation?

- A. Multi-cloud deployment with governance
- B. Providing the compute layer for Kubernetes
- C. Infrastructure and application monitoring
- D. Central repository for Perl scripts

ANSWER: A

Explanation:

Reference: <https://www.vmware.com/products/vrealize-automation.html>

Designed to deliver self-service clouds, multi-cloud automation with governance, and DevOps-based infrastructure management and security, vRealize Automation helps improve IT agility, productivity and efficiency so you can prepare for the future of your business.



Faster Time to Market

Offload manual tasks with advanced workflows and agile templating.

GET THE EBOOK



Security and Control

Establish consistent policies across multi-cloud environments and strengthen infrastructure with native compliance management, flexible guardrails and vulnerability remediation.

READ THE DATASHEET



Ease of Use

Rapidly set up and manage multi-cloud environments throughout the lifecycle with an intuitive, self-service consumption experience.

READ THE REPORT



Accelerated Innovation

Expedite the adoption of new, cloud-native technologies with a future-ready platform built on Infrastructure as Code and DevOps principles.

VIEW THE INFOGRAPHIC

QUESTION NO: 5

An administrator wants to further explore guest-level system details for an object that is being investigated in vRealize Operations troubleshooting Workbench.

Which tab should the administrator visit to get the required details?

- A. Metrics
- B. Alerts
- C. Logs
- D. Events

ANSWER: A

Explanation:

Reference: <https://docs.vmware.com/en/VMware-vRealize-Operations-Cloud/services/user-guide/GUID-2A0F8439-EA8D-43B8-BD0B-C5F45C6792B7.html>

Anomalous Metrics

Metrics which have shown drastic changes within the selected scope and time. Ranks the results based on the degree of change. The most recent anomalous metric based on a time-sliced comparison in the current time range is given the highest weightage.

You can explore more details about any of the cards displayed in the Troubleshooting Workbench by clicking the card pop-out option. You can close a card and it is no longer displayed in the Troubleshooting Workbench. To load the cards again, click **Go** in the **Time Range**.

When you pin a metric, it appears in the **Metrics** tab of the Troubleshooting Workbench. You can perform further investigation on the metric in the Metrics tab.

You can compare the pinned metrics with other metrics displayed in the tab. You can close the pinned metrics and browse other metrics for specific objects.

Similarly, the **Alerts** and **Events** tabs are where you investigate the potential evidences further. You can filter and group alerts. If you want to focus on the alerts for a specific object in your selected scope, you can clear all the alerts and then click the object in the scope. You can view logs in the **Logs** tab, and launch vRealize Log Insight Cloud for further investigation of the logs.

QUESTION NO: 6

Which vRealize Operations component should be deployed to a secondary site to ensure vRealize Operations can receive data from an edge vCenter Server?

- A. Remote Collector node
- B. Witness node

- C. Secondary node
- D. Analytics node

ANSWER: A

Explanation:

Reference: <https://docs.vmware.com/en/vRealize-Operations/8.6/vrealize-operations-86-help.pdf>

About vRealize Operations Remote Collector Nodes

A remote collector node is an additional cluster node that allows vRealize Operations to gather more objects into its inventory for monitoring purposes. Unlike the data nodes, the remote collector nodes only perform the collector role of vRealize Operations. These remote collectors do not store data or process any analytics functions. Remote collectors collect data from integrated objects and then forward the data back to the primary node. The primary node then processes the data which you then view as reports and analytics.

Remote collectors are very useful when you have multiple locations. You can deploy remote collectors on remote location sites and only deploy the primary node at the primary location.

You must have at least one primary node before adding remote collector nodes.

QUESTION NO: 7

A developer is building a workflow in vRealize Orchestrator and wants to include some code in the workflow by adding a scriptable task element. Which three runtimes can be used? (Choose three.)

- A. Ruby
- B. Python
- C. PowerShell
- D. Node.js
- E. Perl
- F. Java

ANSWER: B C D

Explanation:

For simpler scripting tasks, you can add Scriptable task elements to your workflow schema.

Reference: <https://docs.vmware.com/en/vRealize-Orchestrator/8.6/com.vmware.vrealize.orchestrator-using-client-guide.doc/GUID-13E3704E-A325-4CB1-AF57-45FEBDBBD159.html>

Supported Runtimes

For developing vRealize Orchestrator actions and workflows, you can use the following runtimes:

- Python 3.7
- Node.js 14
- PowerCLI 11/Powershell 6.2
- PowerCLI 12.3.0/Powershell 7.1

QUESTION NO: 8

Which benefit is gained through the use of vRealize Suite Lifecycle Manager?

- A. Lowers IT spending
- B. Reduces the need for vRealize Suite product licenses
- C. Simplifies vRealize Suite product upgrades
- D. Helps in app migration

ANSWER: C

Explanation:

Reference: <https://www.vmware.com/products/vrealize-lifecycle-manager.html>

Benefits



Accelerate Time to Value

Simplify the deployment, patching, and upgrade process with automated pre-checks and validation.



Minimize Ongoing Management

Easily manage vRealize Suite components and configurations.



Improve End User Productivity

Deliver the right vRealize Suite content to the right end users across multiple environments.



Enable Best Practices

Enforce alignment with VMware recommended reference architectures and validated designs.

QUESTION NO: 9

An operator has been tasked with using vRealize Operations to determine whether sufficient capacity exists within a production vSAN Cluster to add another 100 workloads.

Which two actions should be taken to complete this task? (Choose two.)

- A. Create a new Add VMs Scenario using the Workload Planning: Hyperconverged and VMC on AWS option.
- B. Create a new Add VMs Scenario using the Workload Planning: Traditional option.
- C. Select Plan from the Quick Start Page.
- D. Select Assess Capacity from the Quick Start Page.
- E. Select Rightsize from the Quick Start Page.

ANSWER: B D

Explanation:

Reference: <https://docs.vmware.com/en/vRealize-Operations/8.3/com.vmware.vcom.user.doc/GUID-AE3AAB3E-04D9-408B-9C40-47F6C501DEFE.html> <https://docs.vmware.com/en/VMware-vRealize-Operations-Cloud/services/user-guide/GUID-62358711-BEA7-4C26-8BB2-8247DDEE03E2.html>

How the Optimize Capacity Works

The Capacity Optimization and Reclaim features are tightly integrated functions that enable you to assess workload status in data centers across your environment. You can determine time remaining until CPU, memory, or disk space resources run out and realize cost savings when underutilized VMs can be reclaimed and deployed where needed.

When you open the Optimize Capacity page, graphical representations of all the data centers and custom data centers in your environment appear. VMware Cloud on AWS data centers has a unique icon to differentiate it from the other data centers.

By default, they are shown in order of time remaining, beginning from the upper left, where the most constrained data centers appear. To review the status of a data center, click the graphic. The page refreshes to display the following data:

QUESTION NO: 10

Which on premises vRealize Operations component allows visibility into the entire federated environment through a unified view across all on-premises vRealize Operations deployments?

- A. vRealize Operations Aggregator Management Pack
- B. vRealize Multi-Node Management Pack
- C. vRealize Remote Collector
- D. vRealize Cloud Federated Analytics

ANSWER: D

Explanation:

vRealize Cloud Federaton Adapter allows you to gain visibility into the entire federated environment through a unified view across on-premises and cloud instances of vRealize Operations and across multiple vRealize Universal components.

Reference: <https://docs.vmware.com/en/VMware-vRealize-Operations-Cloud/services/getting-started/GUID-ECA09307-2ADF-484E-92FA-B6626CC512E2.html>