

How to Fix the Cloud User Portal Quota Details Pop-up Window Display Issues for Additional Custom Quotas [Prototype Only]

As of 08/17/18:

*** Alert: This solution requires the modification of OOB code. Take this into consideration when implementing for upgrade scenarios. ***

Release

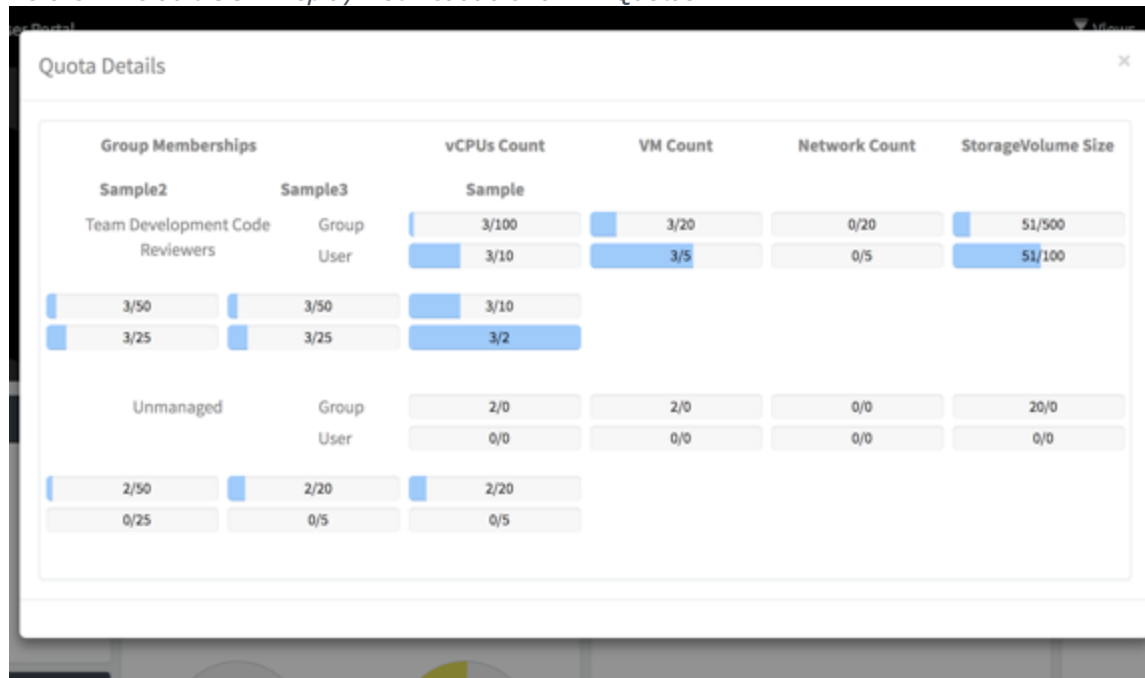
Kingston Patch 7

Use Case

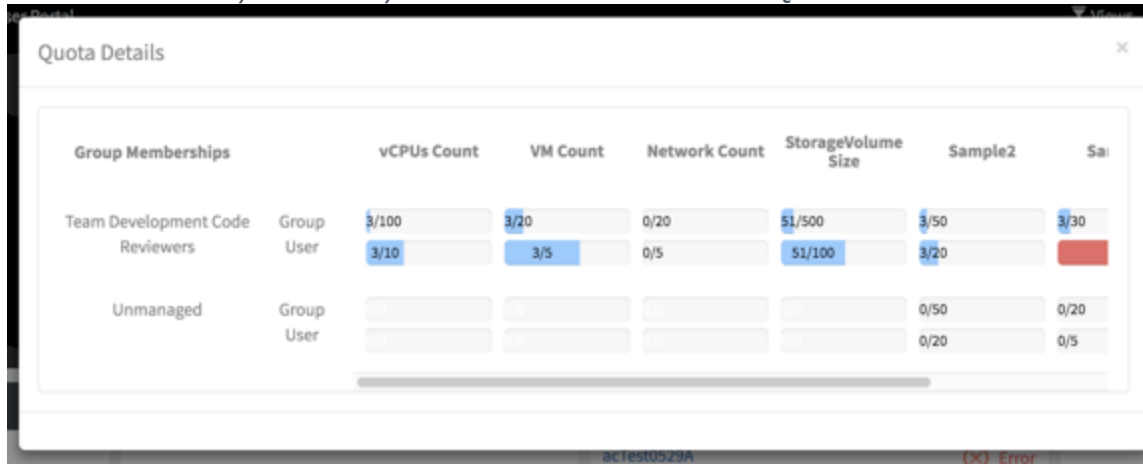
Fix formatting issues with the Cloud User Portal Quota Details pop-up window to accommodate greater than 4 quotas in a user-readable layout. The Quota Details pop-up OOB display wraps additional quotas in accordance with its bootstrap container layout which makes the default display not readable to the user when there are more than 4 quotas. This solution formats the Quota Details pop-up layout into a horizontally scrollable table across X number of quotas intended to present a more user-friendly interface.

Example:

Before – Default OOB Display Not Readable for 4+ Quotas



After – User-Friendly Horizontally Scrollable Table Format for 4+ Quotas



Group Memberships		vCPUs Count	VM Count	Network Count	StorageVolume Size	Sample2	Sa
Team Development Code Reviewers	Group	3/100	3/20	0/20	51/500	3/50	3/30
	User	3/10	3/5	0/5	51/100	3/20	
Unmanaged	Group					0/50	0/20
	User					0/20	0/5

How-To Steps

Modify the OOB "Cloud Quota Chart Popup" widget to redesign the pop-up display into a horizontally scrollable table.

This solution also includes a product fix to the Client Script for calculating the colored progress bars; OOB the progress colors do not exist.

Note: This solution is pending a) fix to center the numbers within the progress bar (right now the numbers are positioned within the progress bar in-line with the % used) and b) addition of a vertical scroll to accommodate for vertical layout considerations when necessary for X number of membership groups.


1. If you are not already in the Cloud Management Platform application scope, switch application to Cloud Management.
2. Go to Service Portal --> Service Portal Configuration.
3. Click on the Widget Editor tile and specify the "Cloud Quota Chart Popup" widget under the Edit an existing widget field.

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Branding EditorDesignerPortalsPagesWidgetsPortal Tab



Widget Editor

Widget Editor is a development tool that allows you to view and edit the source code for existing widgets, create new widgets, and update a widget's option schema

- Check out the [Hello World Example](#)
- Create a new widget
- Edit an existing widget

Recently Updated

Cloud Quota Chart Popup
Cloud Quota Chart
Cloud User Portal Spinner Custom
Cloud Catalog Item Wizard
SC Order Status Custom

Select a widget

quotat

CAP Quota
cap_quota

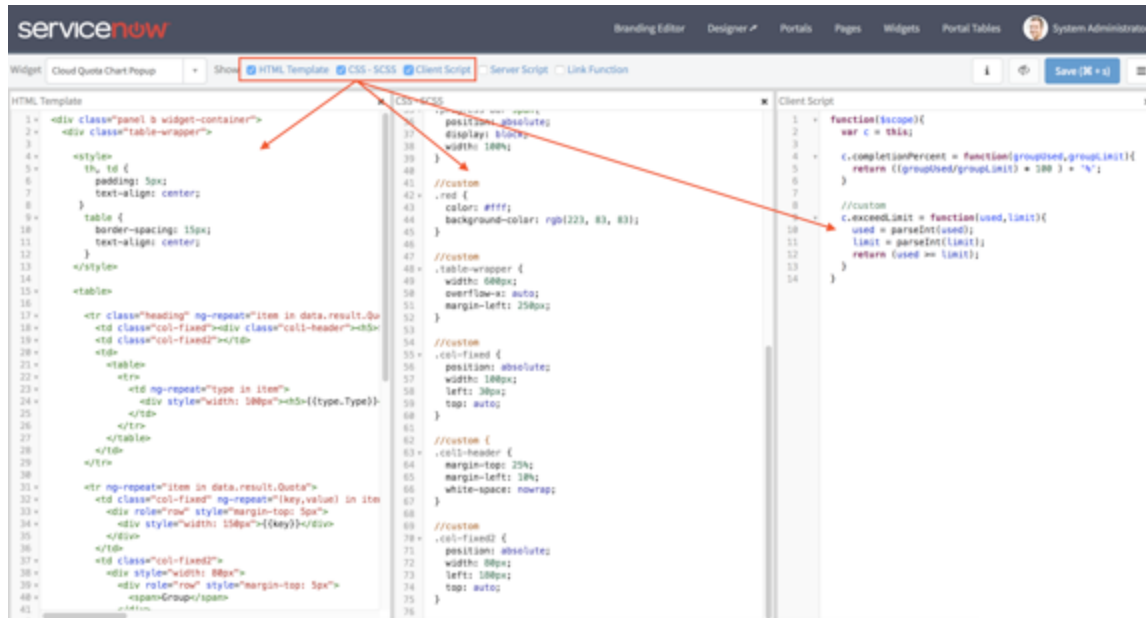
CAP Quota Tabs
cap_quota_tabs

Cloud Quota Chart
cloud_quota_chart

Cloud Quota Chart Popup
cloud-quota-chart-popup

Cloud Catalog Item Quota
cloud catalog item quota

4. Display the "HTML Template", "CSS - SCSS", and "Client Script" panels and replace the OOB code with the attached custom code in each respective panel:



HTML Template:

Refer to the "Cloud Quota Chart Popup – Custom HTML_v1.0" attachment.

CSS - SCSS:

Refer to the "Cloud Quota Chart Popup – Custom CSS-SCSS_v1.0" attachment.

Client Script:

Refer to the "Cloud Quota Chart Popup – Custom Client Script_v1.0" attachment.

5. Go to Cloud Admin Portal --> Govern --> Quota and click the New button under Quota Definition to add X number of quotas.

Example:

Created 3 additional custom quotas (Sample, Sample2, Sample3 And More And More).

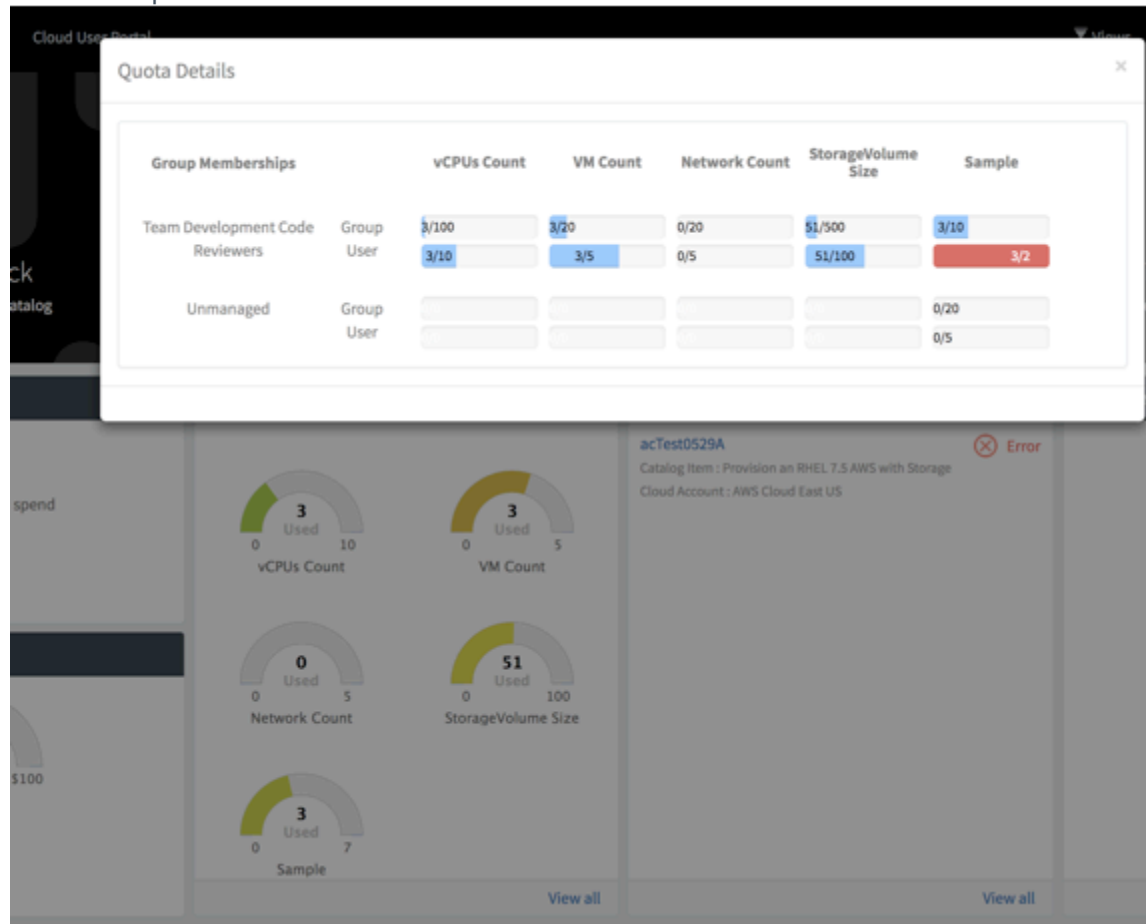
The screenshot displays the ServiceNow Quota Definition interface. On the left, the 'Cloud Admin Portal' sidebar is visible, with 'Govern' and 'Quota' highlighted. The main area shows a table of quota definitions. A red box highlights the 'Sample', 'Sample2', and 'Sample3 And More And More' entries. An arrow points from the 'Quota' link in the sidebar to the 'Sample' entry in the table.

Quota Definition	Calculation Unit	Quota Type	Attribute	Resource Name	Template	Template Attribute
Network_Count	Single	Count	Instance	Network		
Sample	Single	Count	Instance	Virtual Server		
Sample2	Single	Count	Instance	Virtual Server		
Sample3 And More And More	Single	Count	Instance	Virtual Server		
StorageVolume_Size	GB	Sum	size_bytes	Storage Volume		SizeTotalGB
vCPUs_Count	Single	Sum	cpus	Virtual Server	cmdb_ci_compute_template	vcpus
VML_Count	Single	Count	Instance	Virtual Server		

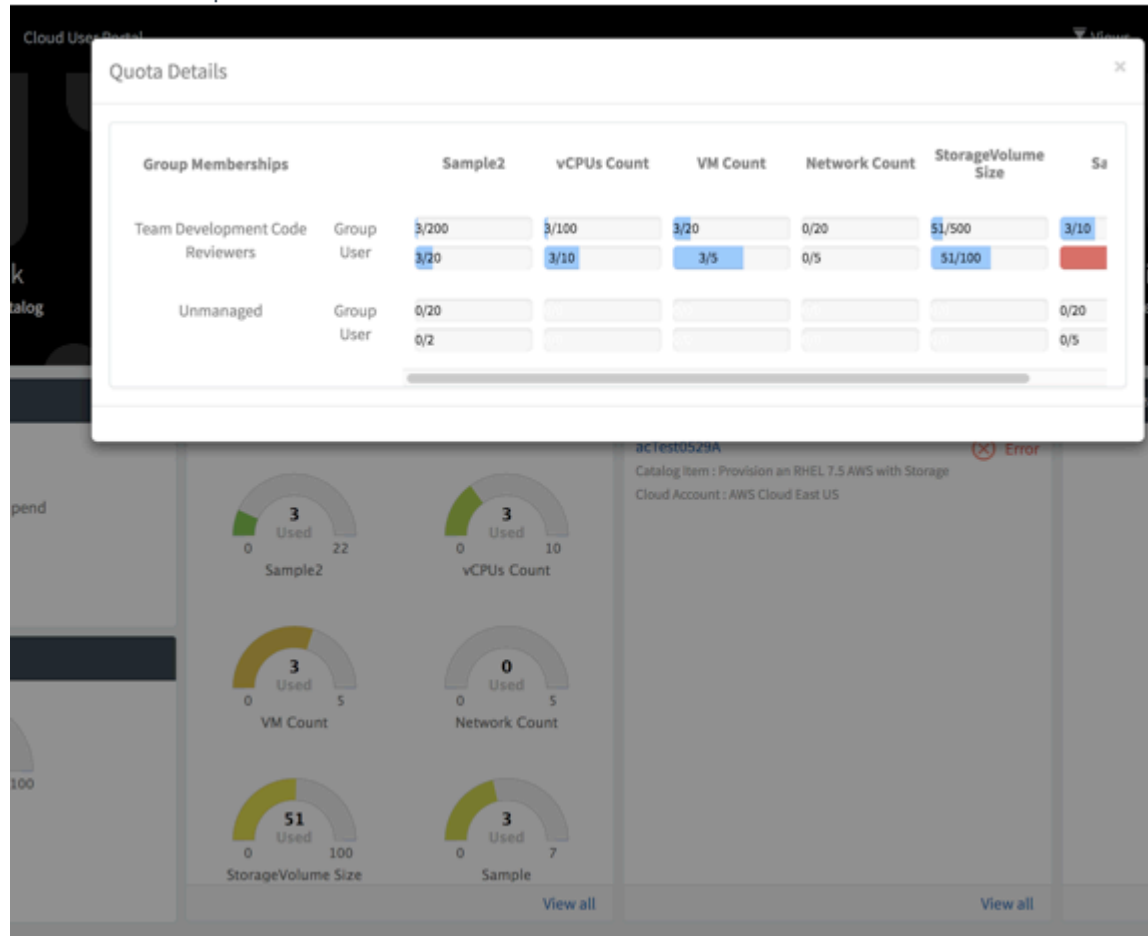
6. Ensure the quotas apply to your user. Go to Cloud User Portal (refresh the page if necessary). Click on the "View all" link at the bottom of the Quota panel to display the Quota Details pop-up window.

Example:

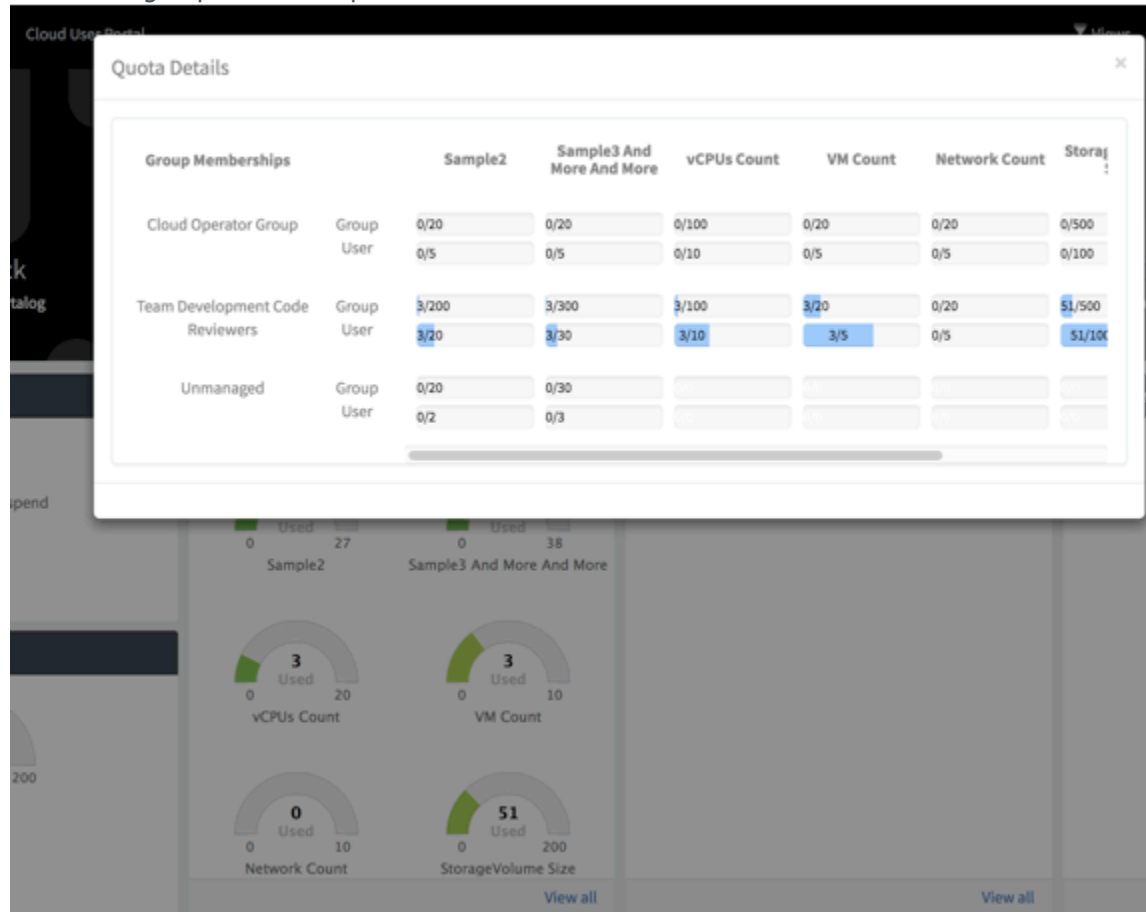
When a 5th quota is added.



When a 6th & 7th quotas are added.



When a 3rd group membership is added.



When 7 total group memberships are added.

Cloud User Portal

Quota Details

Group Memberships		Sample2	Sample3 And More And More	vCPUs Count	VM Count	Network Count	Storage
Cloud Operator Group	Group	0/20	0/20	0/100	0/20	0/20	0/500
	User	0/5	0/5	0/10	0/5	0/5	0/100
Team Development Code Reviewers	Group	3/200	3/300	3/100	3/20	0/20	51/500
	User	3/20	3/30	3/10	3/5	0/5	51/100
Capacity Mgmt	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
Hardware	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
Field Services	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
Procurement	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
Unmanaged	Group	0/20	0/30				
	User	0/2	0/3				

Network Count StorageVolume Size

[View all](#) [View all](#)

When 11 total group memberships are added.

Group Memberships		Sample2	Sample3 And More And More	vCPUs Count	VM Count	Network Count	Storage
Incident Management	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
Cloud Operator Group	Group	0/20	0/20	0/100	0/20	0/20	0/500
	User	0/5	0/5	0/10	0/5	0/5	0/100
Team Development Code Reviewers	Group	3/200	3/300	3/100	3/20	0/20	51/500
	User	3/20	3/30	3/10	3/5	0/5	51/100
Capacity Mgmt	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
IT Finance CAB	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
CAB Approval	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
ITSM Engineering	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
Hardware	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
Field Services	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
Procurement	Group	0/20	0/30	0/100	0/20	0/20	0/500
	User	0/5	0/3	0/10	0/5	0/5	0/100
Unmanaged	Group	0/20	0/30				
	User	0/2	0/3				