



## 004 - Business Context through CMDB Sync

- This tutorial will introduce you to the business context attributes provided by the ServiceNow CMDB Sync App.

Qualys Cloud Platform

CyberSecurity Asset Management

HOME DASHBOARD INVENTORY TAGS NETWORK RULES RESPONSES REPORTS

Integrate with External Sources

Connect with external data sources to enrich inventory

Cloud Inventory Overview

1.14K Total Instances

Provider	Instances
Δ	128
aws	394
○	619

Get deeper visibility and security posture over cloud environment

Manage Your Connectors

Synchronize with ServiceNow CMDB

CMDB Sync has been Enabled

  

Certified app for synchronizing data from Qualys Asset Inventory with the ServiceNow Configuration Management Database

Explore CMDB Sync



## 004 - Business Context through CMDB Sync

- ⓘ Here, on the CSAM Home page, we can see that CMDB sync is enabled for this account.

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Connect with external data sources to enrich inventory

**Cloud Inventory Overview**

**1.14K** Total Instances

Provider	Instances
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Get deeper visibility and security posture over cloud environment  
[Manage Your Connectors](#)

**Synchronize with ServiceNow CMDB**

CMDB Sync has been Enabled

Certified app for synchronizing data from Qualys Asset Inventory with the ServiceNow Configuration Management Database  
[Explore CMDB Sync](#)



## 004 - Business Context through CMDB Sync

- ⓘ To simplify this tutorial, we have created an Asset Tag to identify host assets that are synchronizing their inventory data with the ServiceNow CMDB.

The screenshot shows the Qualys Cloud Platform Home page. At the top, there's a navigation bar with the Qualys Cloud Platform logo, the title "CyberSecurity Asset Management", and links for HOME, DASHBOARD, INVENTORY, TAGS, NETWORK, RULES, RESPONSES, and REPORTS. On the far right are user profile and help icons.

The main content area features two main sections:

- Cloud Inventory Overview:** Displays a total of 1.14K Total Instances. Below this is a horizontal bar chart showing the distribution of instances across three cloud providers:
  - Azure: 128 instances
  - AWS: 394 instances
  - GCP: 619 instances
- Synchronize with ServiceNow CMDB:** Shows a green checkmark indicating "CMDB Sync has been Enabled". It includes icons for the Qualys logo, a sync arrow, and the ServiceNow logo. Text below states: "Certified app for synchronizing data from Qualys Asset Inventory with the ServiceNow Configuration Management Database" and "Explore CMDB Sync".



## 004 - Business Context through CMDB Sync

- ⓘ To demonstrate, click **TAGS** at the top of the page.

The screenshot shows the Qualys Cloud Platform homepage. At the top, there is a navigation bar with the Qualys logo, the text "Qualys. Cloud Platform", and a dropdown menu "CyberSecurity Asset Management". The navigation bar also includes links for HOME, DASHBOARD, INVENTORY, TAGS, NETWORK, RULES, RESPONSES, and REPORTS, with the HOME link being underlined. On the far right of the navigation bar are icons for user profile, help, and email.

The main content area features a section titled "Integrate with External Sources" with the sub-instruction "Connect with external data sources to enrich inventory". Below this, there are two main cards:

- Cloud Inventory Overview**: Shows a total of 1.14K Total Instances. A horizontal bar chart displays the distribution of instances across three cloud providers:
  - Azure: 128 instances
  - aws: 394 instances
  - GCP: 619 instances
- Synchronize with ServiceNow CMDB**: States that "CMDB Sync has been Enabled". It includes icons for the Qualys logo and the ServiceNow logo, separated by a circular arrow icon. Text below states: "Certified app for synchronizing data from Qualys Asset Inventory with the ServiceNow Configuration Management Database" and "Explore CMDB Sync".



## 004 - Business Context through CMDB Sync

- ⓘ The tag we have created is named, "Business Applications," to reflect the business context and application attributes to be imported from ServiceNow.

The screenshot shows the Qualys Cloud Platform interface, specifically the 'Tags' section. The top navigation bar includes links for HOME, DASHBOARD, INVENTORY, TAGS (which is underlined in blue), NETWORK, RULES, RESPONSES, and REPORTS. A search bar at the top says 'Search for tags...'. Below the search bar are buttons for 'Actions (0)', 'Create Tag', and 'Filters'. The main table lists ten tags, each with a star icon, a name, and creation/modification dates. The tag 'Business Applications (CMDB Sync)' is highlighted with a red box around its name.

NAME	CRITICALITY	CREATED ON	MODIFIED ON
Adobe TEST		Jul 28, 2021	Jul 28, 2021
Linux OS		Jul 27, 2021	Jul 27, 2021
Byron Adobe		Jul 27, 2021	Jul 27, 2021
AWS_Test		Jul 27, 2021	Jul 27, 2021
test_demo2		Jul 26, 2021	Jul 26, 2021
RDP		Jul 24, 2021	Jul 24, 2021
Business Applications (CMDB Sync)		Jul 22, 2021	Jul 22, 2021
Remote Desktop Assets		Jul 21, 2021	Jul 21, 2021
RDP Assets		Jul 21, 2021	Jul 21, 2021
Servers-HO		Jul 09, 2021	Jul 09, 2021



## 004 - Business Context through CMDB Sync

- Let's list the assets that have already been tagged. Click to open the **Quick Actions** menu for the 'Business Applications tag...

The screenshot shows the Qualys Cloud Platform interface, specifically the 'Tags' section. The top navigation bar includes links for HOME, DASHBOARD, INVENTORY, TAGS (which is the active tab), NETWORK, RULES, RESPONSES, and REPORTS. A search bar labeled 'Search for tags...' is present. Below the search bar are buttons for 'Actions (0)', 'Create Tag', and 'Filters'. The main table lists various tags with columns for NAME, CRITICALITY, CREATED ON, and MODIFIED ON. One tag, 'Business Applications (CMDB Sync)', is highlighted with a red box around its dropdown menu icon.

NAME	CRITICALITY	CREATED ON	MODIFIED ON
Adobe TEST		Jul 28, 2021	Jul 28, 2021
Linux OS		Jul 27, 2021	Jul 27, 2021
Byron Adobe		Jul 27, 2021	Jul 27, 2021
AWS_Test		Jul 27, 2021	Jul 27, 2021
test_demo2		Jul 26, 2021	Jul 26, 2021
RDP		Jul 24, 2021	Jul 24, 2021
Business Applications (CMDB Sync)		Jul 22, 2021	Jul 22, 2021
Remote Desktop Assets		Jul 21, 2021	Jul 21, 2021
RDP Assets		Jul 21, 2021	Jul 21, 2021
Servers-HO		Jul 09, 2021	Jul 09, 2021



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.. and select Find assets.

The screenshot shows the Qualys Cloud Platform interface, specifically the 'Tags' section under 'CyberSecurity Asset Management'. The page includes a search bar, filter buttons for actions and filters, and a table of tags. A context menu is open over the tag 'Business Applications (CMDB Sync)'. The menu options are: Quick Actions (View, Edit, Find assets, Move to root, Mark as favorite, Add Child Tag, Delete). The 'Find assets' option is highlighted. The table below lists various tags with their details:

NAME	CRITICALITY	CREATED ON	MODIFIED ON
Adobe TEST		Jul 28, 2021	Jul 28, 2021
Linux OS		Jul 27, 2021	Jul 27, 2021
Byron Adobe		Jul 27, 2021	Jul 27, 2021
AWS_Test		Jul 27, 2021	Jul 27, 2021
test_demo2		Jul 26, 2021	Jul 26, 2021
RDP		Jul 24, 2021	Jul 24, 2021
Business Applications (CMDB Sync)		Jul 22, 2021	Jul 22, 2021
Remote Desktop Assets		Jul 21, 2021	Jul 21, 2021
RDP Assets		Jul 21, 2021	Jul 21, 2021
Servers-HQ		Jul 09, 2021	Jul 09, 2021



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ⓘ We are transferred to the INVENTORY section of CSAM...

Qualys Cloud Platform

CyberSecurity Asset Management ▾

HOME DASHBOARD INVENTORY TAGS NETWORK RULES RESPONSES REPORTS

Managed ▾ Assets Software

33 Total Assets

X tags.name:'Business Applications (CMDB Sync)' 09 Aug 2011 1... ▾

TOP HARDWARE CATEGORIES

Virtualized Unidentified

TOP OPERATING SYSTEMS CATEGORIES

Windows Linux

Actions (0) Group Assets by ... 1 - 33 of 33 ▾

ASSET ▾	Criticality ⓘ	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
<b>WIN12PMIOC3</b> 10.0.1.6,169.254.5.79,192.168.13.1,19... 0A:00:27:00:01:12	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Google Compute Engine Cloud Instance	admin123	QAGENT Updated: Aug 06, 2021	Adobe TEST 28 more...
<b>WIN-77F72NTOJOM</b> 10.0.0.96,52.201.252.38	4	Microsoft Windows Server ... Standard6.3 64-Bit	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Aug 06, 2021	Cloud Environments 18 more...
<b>EC2AMAZ-7KGA4K6</b> 10.0.0.80,35.173.236.236	4	Microsoft Windows Server ... Datacenter1607	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Aug 06, 2021	Cloud Environments 18 more...
<b>DEMO-GCP-AE1-WI</b> 192.168.0.137,fe80:0:0:0:7523:971f:f1... 42:01:C0:A8:00:89	4	Microsoft Windows Server ... Datacenter6.1 SP1 64-Bit	Google Compute Engine Cloud Instance	HKLM\Software\Microsoft...	QAGENT Updated: Aug 06, 2021	Firewall Detected 25 more...
<b>WIN12PMIOC5</b> 10.2.0.4,40.70.204.199	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Aug 06, 2021	Azure-assets-us-demo 37 more...
<b>DEMO-AZ-JE-VM05</b> 10.1.0.8 00:0D:3A:50:C6:88	4	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Aug 06, 2021	AZURE-SD-Connector 31 more...
<b>Website1</b> 10.0.0.4,70.37.77.3	5	Microsoft Windows Server ... Datacenter1607	Microsoft Corporation	Administrator	QAGENT Updated: Aug 06, 2021	AZURE-SD-Connector 31 more...



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...where we can view the query targeting the "Business Applications" tag...

Qualys Cloud Platform

CyberSecurity Asset Management ▾

HOME DASHBOARD INVENTORY TAGS NETWORK RULES RESPONSES REPORTS

Managed 33 Total Assets

Assets Software

X tags.name:'Business Applications (CMDB Sync)' 09 Aug 2011 1... ▾

TOP HARDWARE CATEGORIES

Virtualized Unidentified

TOP OPERATING SYSTEMS CATEGORIES

Windows Linux

Actions (0) Group Assets by ... 1 - 33 of 33 ▾

ASSET ▾	Criticality ⓘ	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
<b>WIN12PMIOC3</b> 10.0.1.6,169.254.5.79,192.168.13.1,19... 0A:00:27:00:01:12	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Google Compute Engine Cloud Instance	admin123	QAGENT Updated: Aug 06, 2021	Adobe TEST 28 more...
<b>WIN-77F72NTOJOM</b> 10.0.0.96,52.201.252.38	4	Microsoft Windows Server ... Standard6.3 64-Bit	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Aug 06, 2021	Cloud Environments 18 more...
<b>EC2AMAZ-7KGA4K6</b> 10.0.0.80,35.173.236.236	4	Microsoft Windows Server ... Datacenter1607	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Aug 06, 2021	Cloud Environments 18 more...
<b>DEMO-GCP-AE1-WI</b> 192.168.0.137,fe80:0:0:0:7523:971f:f1... 42:01:C0:A8:00:89	4	Microsoft Windows Server ... Datacenter6.1 SP1 64-Bit	Google Compute Engine Cloud Instance	HKLM\Software\Microsoft...	QAGENT Updated: Aug 06, 2021	Firewall Detected 25 more...
<b>WIN12PMIOC5</b> 10.2.0.4,40.70.204.199	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Aug 06, 2021	Azure-assets-us-demo 37 more...
<b>DEMO-AZ-JE-VM05</b> 10.1.0.8 00:0D:3A:50:C6:88	4	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Aug 06, 2021	AZURE-SD-Connector 31 more...
<b>Website1</b> 10.0.0.4,70.37.77.3	5	Microsoft Windows Server ... Datacenter1607	Microsoft Corporation	Administrator	QAGENT Updated: Aug 06, 2021	AZURE-SD-Connector 31 more...



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...along with the list of "CMDB Sync" host assets, below.

The screenshot shows the Qualys Cloud Platform interface for CyberSecurity Asset Management. The left sidebar displays 'Managed' assets (33 total), categorized by Manufacturer (VMware 23, Amazon Web Ser... 3, Microsoft 3, Google 2, Unidentified 2) and Tags (Operating Syste... 33, All Assets 33, OS: Windows 8.1 ... 33, Cloud Agent 32, Scanned in 180-D 32, 90 more). The main content area is titled 'INVENTORY' and shows a search bar with 'tags.name: `Business Applications (CMDB Sync)`'. It includes two charts: 'TOP HARDWARE CATEGORIES' (Virtualized, Unidentified) and 'TOP OPERATING SYSTEMS CATEGORIES' (Windows, Linux). Below these are two bar charts: 'Actions (0)' and 'Group Assets by ...'. The main table lists 33 assets, with the first seven highlighted by a red box. The columns include: ASSET (with dropdown), CRITICALITY (orange 5, blue 4, green 4, yellow 4, grey 5), OPERATING SYSTEM (Microsoft Windows Server ...), HARDWARE (Google Compute Engine Cloud Instance, Amazon Web Services Standard6.3 64-Bit, Amazon Web Services Datacenter1607, Google Compute Engine Cloud Instance, Microsoft Corporation Datacenter6.1 SP1 64-Bit, Microsoft Corporation Datacenter6.3 64-Bit, Microsoft Corporation Datacenter1607), LAST USER (admin123, Administrator, Administrator, HKLM\Software\Microsoft..., Admin123, Admin123, Administrator), SOURCE (QAGENT, QAGENT, QAGENT, QAGENT, QAGENT, QAGENT, QAGENT), and TAGS (Adobe TEST, Cloud Environments, Cloud Environments, Firewall Detected, Azure-assets-us-demo, AZURE-SD-Connector, AZURE-SD-Connector).

ASSET	CRITICALITY	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
WIN12PMIOC3	5	Microsoft Windows Server ...	Google Compute Engine Cloud Instance	admin123	QAGENT	Adobe TEST Updated: Aug 06, 2021 28 more...
WIN-77F72NTOJOM	4	Microsoft Windows Server ...	Amazon Web Services Cloud Instance	Administrator	QAGENT	Cloud Environments Updated: Aug 06, 2021 18 more...
EC2AMAZ-7KGA4K6	4	Microsoft Windows Server ...	Amazon Web Services Datacenter1607	Administrator	QAGENT	Cloud Environments Updated: Aug 06, 2021 18 more...
DEMO-GCP-AE1-WI	4	Microsoft Windows Server ...	Google Compute Engine Cloud Instance	HKLM\Software\Microsoft...	QAGENT	Firewall Detected Updated: Aug 06, 2021 25 more...
WIN12PMIOC5	5	Microsoft Windows Server ...	Microsoft Corporation Datacenter6.3 64-Bit	Admin123	QAGENT	Azure-assets-us-demo Updated: Aug 06, 2021 37 more...
DEMO-AZ-JE-VM05	4	Microsoft Windows Server ...	Microsoft Corporation Datacenter6.3 64-Bit	Admin123	QAGENT	AZURE-SD-Connector Updated: Aug 06, 2021 31 more...
Website1	5	Microsoft Windows Server ...	Microsoft Corporation Datacenter1607	Administrator	QAGENT	AZURE-SD-Connector Updated: Aug 06, 2021 31 more...



## 004 - Business Context through CMDB Sync



Let's take a quick look at the business context information provided by ServiceNow.

Qualys Cloud Platform

CyberSecurity Asset Management ▾

HOME DASHBOARD INVENTORY TAGS NETWORK RULES RESPONSES REPORTS

Managed ▾ Assets Software

33 Total Assets

X tags.name:'Business Applications (CMDB Sync)' 09 Aug 2011 1... ▾

TOP HARDWARE CATEGORIES

Virtualized Unidentified

TOP OPERATING SYSTEMS CATEGORIES

Windows Linux

Actions (0) Group Assets by ... 1 - 33 of 33 ▾

ASSET ▾	CRITICALITY ⓘ	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
WIN12PMIOC3 10.0.1.6,169.254.5.79,192.168.13.1,19... 0A:00:27:00:01:12	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Google Compute Engine Cloud Instance	admin123	QAGENT Updated: Aug 06, 2021	Adobe TEST 28 more...
WIN-77F72NTOJOM 10.0.0.96,52.201.252.38	4	Microsoft Windows Server ... Standard6.3 64-Bit	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Aug 06, 2021	Cloud Environments 18 more...
EC2AMAZ-7KGA4K6 10.0.0.80,35.173.236.236	4	Microsoft Windows Server ... Datacenter1607	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Aug 06, 2021	Cloud Environments 18 more...
DEMO-GCP-AE1-WI 192.168.0.137,fe80:0:0:0:7523:971f:f1... 42:01:C0:A8:00:89	4	Microsoft Windows Server ... Datacenter6.1 SP1 64-Bit	Google Compute Engine Cloud Instance	HKLM\Software\Microsoft...	QAGENT Updated: Aug 06, 2021	Firewall Detected 25 more...
WIN12PMIOC5 10.2.0.4,40.70.204.199	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Aug 06, 2021	Azure-assets-us-demo 37 more...
DEMO-AZ-JE-VM05 10.1.0.8 00:0D:3A:50:C6:88	4	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Aug 06, 2021	AZURE-SD-Connector 31 more...
Website1 10.0.0.4,70.37.77.3	5	Microsoft Windows Server ... Datacenter1607	Microsoft Corporation	Administrator	QAGENT Updated: Aug 06, 2021	AZURE-SD-Connector 31 more...



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 Click to open the "Quick Actions" menu for the first asset in the list...

**Qualys Cloud Platform**

**CyberSecurity Asset Management**

HOME DASHBOARD INVENTORY TAGS NETWORK RULES RESPONSES REPORTS

Managed Assets Software

tags.name:'Business Applications (CMDB Sync)'

09 Aug 2011 1...

33 Total Assets

**TOP HARDWARE CATEGORIES**

Virtualized Unidentified

**TOP OPERATING SYSTEMS CATEGORIES**

Windows Linux

Actions (0) Group Assets by ... 1 - 33 of 33

ASSET	CRITICALITY	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
WIN12PMIOC3 10.0.1.6,169.254.5.79,192.168.13.1,19... 0A:00:27:00:00:12	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Google Compute Engine Cloud Instance	admin123	QAGENT Updated: Aug 06, 2021	Adobe TEST 28 more...
WIN-77F72NT0J0M 10.0.96.52,201.252.38	4	Microsoft Windows Server ... Standard6.3 64-Bit	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Aug 06, 2021	Cloud Environments 18 more...
EC2AMAZ-7KGA4K6 10.0.0.80,35.173.236.236	4	Microsoft Windows Server ... Datacenter1607	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Aug 06, 2021	Cloud Environments 18 more...
DEMO-GCP-AE1-WI 192.168.0.137,fe80:0:0:0:7523:971f:f1... 42:01:C0:A8:00:89	4	Microsoft Windows Server ... Datacenter6.1 SP1 64-Bit	Google Compute Engine Cloud Instance	HKLM\Software\Microsoft\...	QAGENT Updated: Aug 06, 2021	Firewall Detected 25 more...
WIN12PMIOC5 10.2.0.4,40.70.204.199	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Aug 06, 2021	Azure-assets-us-demo 37 more...
DEMO-AZ-JE-VM05 10.1.0.8 00:D3:A5:0:C6:88	4	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Aug 06, 2021	AZURE-SD-Connector 31 more...
Website1 10.0.0.4,70.37.77.3	5	Microsoft Windows Server ... Datacenter1607	Microsoft Corporation	Administrator	QAGENT Updated: Aug 06, 2021	AZURE-SD-Connector 31 more...



## 004 - Business Context through CMDB Sync



...and select View Details.

Qualys Cloud Platform

CyberSecurity Asset Management ▾

HOME DASHBOARD INVENTORY TAGS NETWORK RULES RESPONSES REPORTS

MANAGED ▾

33 Total Assets

TOP HARDWARE CATEGORIES

Virtualized Unidentified

TOP OPERATING SYSTEMS CATEGORIES

Windows Linux

Actions (1) ▾ Group Assets by ...

1 - 33 of 33

ASSET ▾	Criticality ⓘ	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
<b>WIN12PMIOC3</b> 10.0.1.6,169.254.5.79,192.168.0.137,fe80:0:0:0:7523:971f:f1... 0A:00:27:00:01:12	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Google Compute Engine Cloud Instance	admin123	QAGENT Updated: Aug 06, 2021	Adobe TEST 28 more...
<b>WIN-77F72NTOJOM</b> 10.0.0.96,52.201.252.38	4	Microsoft Windows Server ... Standard6.3 64-Bit	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Aug 06, 2021	Cloud Environments 18 more...
<b>EC2AMAZ-7KGA4K6</b> 10.0.0.80,35.173.236.236	4	Microsoft Windows Server ... Datacenter1607	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Aug 06, 2021	Cloud Environments 18 more...
<b>DEMO-GCP-AE1-WI</b> 192.168.0.137,fe80:0:0:0:7523:971f:f1... 42:01:C0:A8:00:89	4	Microsoft Windows Server ... Datacenter6.1 SP1 64-Bit	Google Compute Engine Cloud Instance	HKLM\Software\Microsoft...	QAGENT Updated: Aug 06, 2021	Firewall Detected 25 more...
<b>WIN12PMIOC5</b> 10.2.0.4,40.70.204.199	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Aug 06, 2021	Azure-assets-us-demo 37 more...
<b>DEMO-AZ-JE-VM05</b> 10.1.0.8 00:0D:3A:50:C6:88	4	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Aug 06, 2021	AZURE-SD-Connector 31 more...
<b>Website1</b> 10.0.0.4,70.37.77.3	5	Microsoft Windows Server ... Datacenter1607	Microsoft Corporation	Administrator	QAGENT Updated: Aug 06, 2021	AZURE-SD-Connector 31 more...

Quick Actions ▾

- View Details
- Add Tags



- ⓘ Here, inside the "Resource Details" page, you can view any number of asset details, provided by numerous Qualys applications. For this tutorial, we are interested in the Business Information provided by ServiceNow.



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Resource Details: 961701629973009803

**CLOUD METADATA**

- Summary
- Network Interfaces
- Associations
- Labels
- Controls Evaluated

**INVENTORY**

- Asset Summary
- System Information
- Network Information
- Open Ports
- Installed Software
- Traffic Summary
- Business Information

**SECURITY**

- Vulnerabilities
- VMDR Prioritization
- Patch Management
- EDR
- Certificates
- Secure Access Control

**COMPLIANCE**

- File Integrity Monitoring

### Summary

**demo-gcp-ew4-windows-2012-public**

VM Instances First Discovered On: July 10, 2019 10:25 AM

**Vulnerabilities**  
176  
3 % Potential: 5  
97 % Confirmed: 171

**Controls Evaluated**  
7  
Controls Failed: 4

**Associations**  
Networks 3  
Subnetworks 1

**General:**

Name:	demo-gcp-ew4-windows-2012-publ...
Id:	961701629973009803
Machine Type:	custom-1-2048
Description:	-
Kind:	compute#instance
First Discovered On:	July 10, 2019 10:25 AM
Last Updated On:	August 6, 2021 3:21 PM (3 hours a...

**Location:**

Project Id:	gcp-qualys-demo
Zone:	europe-west4-a
Region:	europe-west4

**Network:**

External IP:	34.90.53.25
Private IP:	10.0.1.6



## 004 - Business Context through CMDB Sync

- 1 Click **Business Information** in the navigation pane.

The screenshot shows the Qualys Cloud Platform interface. The top navigation bar displays the Qualys Cloud Platform logo and the title "Resource Details: 961701629973009803". The left sidebar contains several sections: CLOUD METADATA (Summary, Network Interfaces, Associations, Labels, Controls Evaluated), INVENTORY (Asset Summary, System Information, Network Information, Open Ports, Installed Software, Traffic Summary, Business Information), SECURITY (Vulnerabilities, VMDR Prioritization, Patch Management, EDR, Certificates, Secure Access Control), and COMPLIANCE (File Integrity Monitoring). The main content area is titled "Summary" and features a card for the VM instance "demo-gcp-ew4-windows-2012-public", showing it was first discovered on July 10, 2019, at 10:25 AM. Below this are three cards: "Vulnerabilities" (176 total, 3% potential, 97% confirmed), "Controls Evaluated" (7 total, 4 failed), and "Associations" (3 networks, 1 subnetwork). The right side of the screen displays detailed information under three sections: General (Name: demo-gcp-ew4-windows-2012-public..., Id: 961701629973009803, Machine Type: custom-1-2048, Description: -, Kind: compute#instance, First Discovered On: July 10, 2019 10:25 AM, Last Updated On: August 6, 2021 3:21 PM (3 hours ago)), Location (Project Id: gcp-qualys-demo, Zone: europe-west4-a, Region: europe-west4), and Network (External IP: 34.90.53.25, Private IP: 10.0.1.6).

General:

- Name: demo-gcp-ew4-windows-2012-public...
- Id: 961701629973009803
- Machine Type: custom-1-2048
- Description: -
- Kind: compute#instance
- First Discovered On: July 10, 2019 10:25 AM
- Last Updated On: August 6, 2021 3:21 PM (3 hours a...

Location:

- Project Id: gcp-qualys-demo
- Zone: europe-west4-a
- Region: europe-west4

Network:

- External IP: 34.90.53.25
- Private IP: 10.0.1.6



## 004 - Business Context through CMDB Sync



The Business and Application information listed here is made available through the ServiceNow CMDB Sync App, providing relevant context on how the asset is used and who owns and maintains it.

The screenshot shows the Qualys Cloud Platform interface for a specific resource. The left sidebar contains navigation links for Cloud Metadata, Inventory, Security, and Compliance. The main content area is divided into two sections: **Business Information** and **Business Applications**.

**Business Information:**

Status Repair	Department IT Operations	Environment Production	Owner/Custodian Joey Bolick
Managed By Byron Fortuna	Supported By John Doe	Support Group IT Operations	Assigned Location 123 Plaza Roma Italy, Italy

**Business Applications:**

BUSINESS APP NAME	BUSINESS CRITICALITY	OPERATIONAL STATUS	ENVIRONMENT	SUPPORT GROUP
Banking Service	1 - Most Critical	Installed	Production	IT Operations



## 004 - Business Context through CMDB Sync

- ⓘ This particular asset is hosting a critical Banking Service application, in a production environment.

Qualys Cloud Platform

← Resource Details: 961701629973009803

**CLOUD METADATA**

- Summary
- Network Interfaces
- Associations
- Labels
- Controls Evaluated

**INVENTORY**

- Asset Summary
- System Information
- Network Information
- Open Ports
- Installed Software
- Traffic Summary

Business Information

Status Repair	Department IT Operations	Environment Production	Owner/Custodian Joey Bolick
Managed By Byron Fortuna	Supported By John Doe	Support Group IT Operations	Assigned Location 123 Plazuela Roma Italy, Italy

**Business Applications**

BUSINESS APP NAME	BUSINESS CRITICALITY	OPERATIONAL STATUS	ENVIRONMENT	SUPPORT GROUP
Banking Service	1 - Most Critical	Installed	Production	IT Operations

Business Information

**SECURITY**

- Vulnerabilities
- VMDR Prioritization
- Patch Management
- EDR
- Certificates
- Secure Access Control

**COMPLIANCE**

- File Integrity Monitoring



## 004 - Business Context through CMDB Sync

- 1 Click the link to the 'Banking Service' application, to view its details.

Qualys Cloud Platform

← Resource Details: 961701629973009803

**CLOUD METADATA**

- Summary
- Network Interfaces
- Associations
- Labels
- Controls Evaluated

**INVENTORY**

- Asset Summary
- System Information
- Network Information
- Open Ports
- Installed Software
- Traffic Summary

Business Information

Status Repair	Department IT Operations	Environment Production	Owner/Custodian Joey Bolick
Managed By Byron Fortuna	Supported By John Doe	Support Group IT Operations	Assigned Location 123 Plazuela Roma Italy, Italy

**Business Applications**

BUSINESS APP NAME	BUSINESS CRITICALITY	OPERATIONAL STATUS	ENVIRONMENT	SUPPORT GROUP
Banking Service	1 - Most Critical	Installed	Production	IT Operations

Business Information

**SECURITY**

- Vulnerabilities
- VMDR Prioritization
- Patch Management
- EDR
- Certificates
- Secure Access Control

**COMPLIANCE**

- File Integrity Monitoring



## 004 - Business Context through CMDB Sync



Here you see Business Information for the application...

The screenshot shows the Qualys Cloud Platform interface with the title "Resource Details: 961701629973009803". On the left, there's a sidebar with sections for CLOUD METADATA, INVENTORY, SECURITY, and COMPLIANCE. The main area displays "Business Application Details" for "Banking Service". The details include:

Business Application Details		
OVERVIEW		
Status Repair	<b>Banking Service</b> Installed   Business Criticality: 1 - Most Critical	Owner/Custodian Joey Bolick
Managed By Byron Fortuna	ASSOCIATED ASSETS	Assigned Location 123 Plazauela Roma Italy, Italy
BUSINESS APP NAME Banking Service	Business App ID APP0010	Business Criticality 1 - Most Critical
	Operational Status Installed	Environment Production
	Supported By John Doe	Support Group IT Operations
	Managed By Byron Fortuna	Owned By Joey Bolick

A "Close" button is located at the bottom left of the modal.



## 004 - Business Context through CMDB Sync



...including the Business Criticality score assigned in ServiceNow. Business Criticality scores in ServiceNow follow a different prioritization scheme than the Asset Criticality Scores in CSAM.

The screenshot shows the Qualys Cloud Platform interface. On the left, there's a sidebar with sections for CLOUD METADATA, INVENTORY, SECURITY, and COMPLIANCE. The main area is titled "Business Information" and contains a "Business Application Details" modal for a "Banking Service". The modal shows the following details:

Business Application Details	
Banking Service Installed   Business Criticality: 1 - Most Critical	
Status	Repair
Managed By	Byron Fortuna
<b>OVERVIEW</b> ASSOCIATED ASSETS	
Business App ID	APP0010
BUSINESS APP NAME	Banking Service
Operational Status	Installed
Supported By	John Doe
Business App Name	Banking Service
Environment	Production
Managed By	Byron Fortuna
Support Group	IT Operations
Owned By	Joey Bolick

A red box highlights the "Business Criticality: 1 - Most Critical" entry in the "OVERVIEW" section. To the right of the modal, there's a sidebar with "Owner/Custodian: Joey Bolick" and "Assigned Location: 123 Plaza Roma Italy, Italy".



## 004 - Business Context through CMDB Sync



Click Associated Assets.

The screenshot shows the Qualys Cloud Platform interface for resource details. The main title is "Resource Details: 961701629973009803". On the left, there's a sidebar with sections for CLOUD METADATA, INVENTORY, SECURITY, and COMPLIANCE. The INVENTORY section is expanded, showing Asset Summary, System Information, Network Information, Open Ports, Installed Software, and Traffic Summary. The main content area is titled "Business Application" and shows a card for "Banking Service" with status "Repair" and managed by "Byron Fortuna". A modal window titled "Business Application Details" is open over this card. The modal has tabs for "OVERVIEW" and "ASSOCIATED ASSETS", with "ASSOCIATED ASSETS" being the active tab, indicated by a red box around it. Inside the modal, there are three columns of data:

Business App ID	Business App Name	Business Criticality
APP0010	Banking Service	1 - Most Critical
Operational Status Installed	Environment Production	Support Group IT Operations
Supported By John Doe	Managed By Byron Fortuna	Owned By Joey Bolick

At the bottom of the modal is a blue "Close" button.



## 004 - Business Context through CMDB Sync

- ⓘ Here you can see the list of assets associated with the 'Banking Service' business application. Any type of attack against the Banking Service application can potentially impact these assets.

The screenshot shows the Qualys Cloud Platform interface. The left sidebar has sections for CLOUD METADATA, INVENTORY, SECURITY, and COMPLIANCE. The main area shows 'Business Information' for a resource with ID 961701629973009803. A modal window titled 'Business Application Details' is open, showing 'Banking Service' as the application name, managed by Byron Fortuna, with a status of 'Repair'. The 'OVERVIEW' tab is selected, and the 'ASSOCIATED ASSETS' tab is active, displaying a list of three assets:

ASSET	SYSTEM INFO	SUPPORTED BY
<b>HQWIN8R2RD27</b> 10.46.105.42,169.254.162.50,fe80...	Microsoft Windows Server 2008 R... VMware VMware Virtual Platform ...	John Doe IT Operations
<b>WIN12PMIOC3</b> 10.0.1.6,169.254.5.79,192.168.13....	Microsoft Windows Server 2012 R... Google Compute Engine	John Doe IT Operations
<b>datasync01-75-59.rdlab.in0...</b> 10.115.75.59,192.168.122.1	The CentOS Project CentOS 7 (1511) VMware VMware Virtual Platform ...	John Doe IT Operations

A red box highlights the three asset rows. The right side of the screen shows the owner/custodian as Joey Bolick and the assigned location as 123 Plaza Roma Italy, Italy.



## 004 - Business Context through CMDB Sync



By bringing Business Service data into Qualys CSAM, you can single out assets with the most relevant business impact and ensure they are properly secured.

The screenshot shows the Qualys Cloud Platform interface. The left sidebar has sections for CLOUD METADATA, INVENTORY, SECURITY, and COMPLIANCE. The main area shows 'Business Information' for a resource with ID 961701629973009803. A modal window titled 'Business Application Details' is open for the 'Banking Service'. The modal shows the application is 'Installed | Business Criticality: 1 - Most Critical'. It has tabs for OVERVIEW and ASSOCIATED ASSETS, with ASSOCIATED ASSETS selected. There are four assets listed:

ASSET	SYSTEM INFO	SUPPORTED BY
<b>HQWIN8R2RD27</b> 10.46.105.42,169.254.162.50,fe80...	Microsoft Windows Server 2008 R... VMware VMware Virtual Platform ...	John Doe IT Operations
<b>WIN12PMIOC3</b> 10.0.1.6,169.254.5.79,192.168.13....	Microsoft Windows Server 2012 R... Google Compute Engine	John Doe IT Operations
<b>datasync01-75-59.rdlab.in0...</b> 10.115.75.59,192.168.122.1	The CentOS Project CentOS 7 (1511) VMware VMware Virtual Platform ...	John Doe IT Operations

Owner/Custodian: Joey Bolick  
Assigned Location: 123 Plaza Roma Italy, Italy



## 004 - Business Context through CMDB Sync



Click Close.

The screenshot shows the Qualys Cloud Platform interface. The top navigation bar includes the Qualys logo, a search bar, and links for 'Dashboard', 'Cloud', 'CMDB', 'Reports', and 'Help'. Below the navigation is a breadcrumb trail: 'Resource Details: 961701629973009803'. On the left, a sidebar menu is open under 'CLOUD METADATA' with options like 'Summary', 'Network Interfaces', 'Associations', 'Labels', and 'Controls Evaluated'. Under 'INVENTORY', options include 'Asset Summary', 'System Information', 'Network Information', 'Open Ports', 'Installed Software', and 'Traffic Summary'. Under 'SECURITY', options are 'Vulnerabilities', 'VMDR Prioritization', 'Patch Management', 'EDR', 'Certificates', and 'Secure Access Control'. Under 'COMPLIANCE', there is one option: 'File Integrity Monitoring'. The main content area displays 'Business Information' for a resource. A modal window titled 'Business Application Details' is open for 'Banking Service', showing it is 'Installed | Business Criticality: 1 - Most Critical'. The modal has tabs for 'OVERVIEW' and 'ASSOCIATED ASSETS'. The 'OVERVIEW' tab shows the asset is 'Banking Service' with status 'Repair' and managed by 'Byron Fortuna'. The 'ASSOCIATED ASSETS' tab lists four assets:

ASSET	SYSTEM INFO	SUPPORTED BY
HQWIN8R2RD27 10.46.105.42,169.254.162.50,fe80...	Microsoft Windows Server 2008 R... VMware VMware Virtual Platform ...	John Doe IT Operations
WIN12PMIOC3 10.0.1.6,169.254.5.79,192.168.13....	Microsoft Windows Server 2012 R... Google Compute Engine	John Doe IT Operations
datsync01-75-59.rdlab.in0...	The CentOS Project CentOS 7 (1511) VMware VMware Virtual Platform ...	John Doe IT Operations

A 'Close' button is at the bottom of the modal. To the right of the modal, the owner is listed as 'Joey Bolick' and the assigned location is '123 Plazauela Roma Italy, Italy'.



## 004 - Business Context through CMDB Sync

- ⌚ Click the **back arrow** in the top-left corner to go back to the Assets tab.

The screenshot shows the Qualys Cloud Platform interface for resource details. The top navigation bar includes the Qualys logo, a search bar, and a user profile icon. The main title is "Resource Details: 961701629973009803". A sidebar on the left contains sections for Cloud Metadata (Summary, Network Interfaces, Associations, Labels, Controls Evaluated), Inventory (Asset Summary, System Information, Network Information, Open Ports, Installed Software, Traffic Summary), Business Information (Business Applications), Security (Vulnerabilities, VMDR Prioritization, Patch Management, EDR, Certificates, Secure Access Control), and Compliance (File Integrity Monitoring). The main content area displays "Business Information" and "Business Applications".

**Business Information**

Operational Status Installed	Department IT Operations	Environment Production	Owner/Custodian Joey Bolick
Managed By Byron Fortuna	Supported By John Doe	Support Group IT Operations	Assigned Location 123 Plazuela Roma Italy, Italy

**Business Applications**

BUSINESS APP NAME	BUSINESS CRITICALITY	OPERATIONAL STATUS	ENVIRONMENT	SUPPORT GROUP
Banking Service	1 - most critical	Operational	Production	IT Operations



## 004 - Business Context through CMDB Sync



Click to clear the "Query" field.

Qualys Cloud Platform

CyberSecurity Asset Management

HOME DASHBOARD INVENTORY TAGS NETWORK RULES RESPONSES REPORTS

Managed Assets Software

32 Total Assets

tags.name:'Business Applications (CMDB Sync)'

24 Sep 2011 1...

TOP HARDWARE CATEGORIES

Virtualized Unidentified

TOP OPERATING SYSTEMS CATEGORIES

Windows Linux

Actions (0) Group Assets by ...

1 - 32 of 32

ASSET	Criticality	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
WIN12PMIOC3	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Google Compute Engine Cloud Instance	admin123	QAGENT Updated: Sep 21, 2021	GCP-Public-Instance 28 more
WIN-77F72NTOJOM	4	Microsoft Windows Server ... Standard6.3 64-Bit	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Sep 21, 2021	Cloud Environments 27 more
EC2AMAZ-7KGA4K6	5	Microsoft Windows Server ... Datacenter1607	Amazon Web Services Cloud Instance	Administrator	QAGENT Updated: Sep 21, 2021	EOL OS 33 more
DEMO-GCP-AE1-WI	4	Microsoft Windows Server ... Datacenter6.1 SP1 64-Bit	Google Compute Engine Cloud Instance	HKLMSoftware\Microsoft\...	QAGENT Updated: Sep 21, 2021	Cloud Environments 31 more
WIN12PMIOC5	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft Corporation	Admin123	QAGENT Updated: Sep 21, 2021	Azure-assets-us-demo 35 more
DEMO-AZ-JE-VM05	4	Microsoft Windows Server ... Datacenter6.3 64-Bit	000D3A	Admin123	QAGENT Updated: Sep 21, 2021	multiple_nic 21 more



## 004 - Business Context through CMDB Sync

We'll now take a look at the business context query tokens.

Qualys Cloud Platform

CyberSecurity Asset Management ▾

HOME DASHBOARD INVENTORY TAGS NETWORK RULES RESPONSES REPORTS

Managed ▾ Assets Software

12K Total Assets

Search for assets... 24 Sep 2011 1... ▾

TOP HARDWARE CATEGORIES

Category	Count
Unidentified	6K
Computers	~3K
Virtualized	~1K
Networking Dev...	~500
Network Secur...	~500

TOP OPERATING SYSTEMS CATEGORIES

Category	Count
Unidentified	7K
Windows	~3.5K
Linux	~1.5K
Network Oper...	~500
Unix	~500

Actions (0) ▾ Group Assets by ... 1 - 50 of 12007 ▾

ASSET	CRITICALITY	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
Demo-WU-VM08.xne53ziolcou3...	2	Canonical Ubuntu Bionic Be...	Microsoft Azure Cloud Instance	reboot	QAGENT Updated: Sep 21, 2021	Azure-assets-us-demo 18 more
ajm-asc-linux2	2	linux	Microsoft Azure Cloud Instance		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	EOL OS 9 more
windagent	2	Microsoft Windows	Microsoft Azure Cloud Instance		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	Windows Cat 10 more
135435-T496-Ubuntu	2	Canonical Ubuntu Xenial Xe...	VMware VMware Virtual Platform Virtual Machine	root	QAGENT Updated: Sep 21, 2021	10.0.0.0/8 17 more
135302-T490	3	The CentOS Project CentOS 7	VMware VMware Virtual Platform Virtual Machine	root	QAGENT Updated: Sep 21, 2021	OS: Windows 8.1... 19 more
demo-azure-westuk-scanner	4	Linux qualysguard qualys-vi...	Qualys Scanner Appliance Firewall Device		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	Assets with no Vuln 12 more



## 004 - Business Context through CMDB Sync



Qualys provides various search tokens that let you filter assets based on the business attributes imported from ServiceNow CMDB.

The screenshot shows the Qualys Cloud Platform interface under the 'CyberSecurity Asset Management' section. The 'INVENTORY' tab is selected. On the left, there's a summary card for 'Managed' assets (12K Total Assets) and sections for 'MANUFACTURER' and 'TAGS'. The main area shows a search bar with 'business' typed in, and a dropdown menu listing search tokens starting with 'businessApp:'. A red box highlights this dropdown. Below it is a table of asset findings. The table columns include ASSET, CRITICALITY, OPERATING SYSTEM, HARDWARE, LAST USER, SOURCE, and TAGS. The first few rows show assets like 'Demo-WU-VM08.xne53ziolcou3...', 'ajm-asc-linux2', 'windagent', '135435-T496-Ubuntu', '135302-T490', and 'demo-azure-westuk-scanner'.

ASSET	CRITICALITY	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
Demo-WU-VM08.xne53ziolcou3...	2	Canonical Ubuntu Bionic Be...	Microsoft Azure Cloud Instance	reboot	QAGENT Updated: Sep 21, 2021	Azure-assets-us-demo 18 more
ajm-asc-linux2	2	linux	Microsoft Azure Cloud Instance		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	EOL OS 9 more
windagent	2	Microsoft Windows	Microsoft Azure Cloud Instance		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	Windows Cat 10 more
135435-T496-Ubuntu	2	Canonical Ubuntu Xenial Xe...	VMware VMware Virtual Platform Virtual Machine	root	QAGENT Updated: Sep 21, 2021	10.0.0.0/8 17 more
135302-T490	3	The CentOS Project CentOS 7	VMware VMware Virtual Platform Virtual Machine	root	QAGENT Updated: Sep 21, 2021	OS: Windows 8.1... 19 more
demo-azure-westuk-scanner	4	Linux qualysguard qualys-vi...	Qualys Scanner Appliance Firewall Device		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	Assets with no Vuln 12 more



## 004 - Business Context through CMDB Sync



Click the first token in the list.

Qualys Cloud Platform

CyberSecurity Asset Management ▾

HOME DASHBOARD INVENTORY TAGS NETWORK RULES RESPONSES REPORTS

Managed 12K Total Assets

MANUFACTURER

Manufacturer	Count
Unidentified	8.89K
VMware	1.42K
Google	804
Amazon Web Ser...	407
Microsoft	170
37 more	37 more

TAGS

Tag	Count
All Assets	12K
OS: Windows 8.1 ...	12K
EOL OS	10K
10.0.0.0/8	9.62K
No NetBIOS Name	8.9K
45 more	45 more

Assets Software

business

businessApp:(businessCriticality)

Syntax Help  
Use values within quotes or backticks to help you find the business application you're looking for.

Examples  
Show any findings that match exact value  
businessApp.businessCriticality:1 - most critical

ASSET	Criticality	Operating System	Hardware	Last User	Source	Tags
Demo-WU-VM08.xne53ziolcou3...	2	Canonical Ubuntu Bionic Be...	Microsoft Azure Cloud Instance	reboot	QAGENT Updated: Sep 21, 2021	Azure-assets-us-demo 18 more
ajm-asc-linux2	2	linux	Microsoft Azure Cloud Instance		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	EOL OS 9 more
windagent	2	Microsoft Windows	Microsoft Azure Cloud Instance		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	Windows Cat 10 more
135435-T496-Ubuntu	2	Canonical Ubuntu Xenial Xe...	VMware VMware Virtual Platform Virtual Machine	root	QAGENT Updated: Sep 21, 2021	10.0.0.0/8 17 more
135302-T490	3	The CentOS Project CentOS 7 1611	VMware VMware Virtual Platform Virtual Machine	root	QAGENT Updated: Sep 21, 2021	OS: Windows 8.1... 19 more
demo-azure-westuk-scanner	4	Linux qualysguard qualys-vi...	Qualys Scanner Appliance Firewall Device		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	Assets with no Vuln 12 more



## 004 - Business Context through CMDB Sync

T

When defined by ServiceNow, the value 1 represents the most critical assets. Type 1 and press Enter.

Qualys Cloud Platform

CyberSecurity Asset Management ▾

HOME DASHBOARD INVENTORY TAGS NETWORK RULES RESPONSES REPORTS

Managed 12K Total Assets

Assets Software

businessApp:(businessCriticality:1)

24 Sep 2011 1... ▾

TOP HARDWARE CATEGORIES

TOP OPERATING SYSTEMS CATEGORIES

Actions (0) Group Assets by ... 1 - 50 of 12007

ASSET	Criticality	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
Demo-WU-VM08.xne53ziolcou3...	2	Canonical Ubuntu Bionic Be...	Microsoft Azure Cloud Instance	reboot	QAGENT Updated: Sep 21, 2021	Azure-assets-us-demo 18 more
ajm-asc-linux2	2	linux	Microsoft Azure Cloud Instance		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	EOL OS 9 more
windagent	2	Microsoft Windows	Microsoft Azure Cloud Instance		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	Windows Cat 10 more
135435-T496-Ubuntu	2	Canonical Ubuntu Xenial Xe...	VMware VMware Virtual Platform Virtual Machine	root	QAGENT Updated: Sep 21, 2021	10.0.0.0/8 17 more
135302-T490	3	The CentOS Project CentOS 7	VMware VMware Virtual Platform Virtual Machine	root	QAGENT Updated: Sep 21, 2021	OS: Windows 8.1... 19 more
demo-azure-westuk-scanner	4	Linux qualysguard qualys-vi...	Qualys Scanner Appliance Firewall Device		VIRTUAL_MACHINE_ID Updated: Sep 21, 2021	Assets with no Vuln 12 more



## 004 - Business Context through CMDB Sync



Notice that a Business Criticality score of one (in ServiceNow) is equivalent to an Asset Criticality score of five (in Qualys).

The screenshot shows the Qualys Cloud Platform interface for CyberSecurity Asset Management. The search bar at the top contains the query "businessApp:(businessCriticality:1)". The results table lists 19 assets, with the first seven rows highlighted by a red box around the "CRITICALITY" column. Each asset row includes columns for ASSET, CRITICALITY, OPERATING SYSTEM, HARDWARE, LAST USER, SOURCE, and TAGS.

ASSET	CRITICALITY	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCE	TAGS
WIN12PMIOCS	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	Microsoft	Admin123	QAGENT Updated: Sep 21, 2021	Azure-assets-us-demo [23 more]
SHAREPOINT2016P	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	VMware VMware Virtual Platform Virtual Machine	administrator	QAGENT Updated: Sep 21, 2021	PCI Scope [31 more]
WIN-890BLRMES6	5	Microsoft Windows Server ... Standard6.3 64-Bit	VMware VMware Virtual Platform Virtual Machine	exchange.local\Administrat...	QAGENT Updated: Sep 21, 2021	PCI Scope [30 more]
COMEX2019	5	Microsoft Windows Server ... Datacenter1809 64-Bit	VMware VMware Virtual Platform Virtual Machine	Administrator	QAGENT Updated: Sep 21, 2021	Scanned in 90-D [31 more]
vswibmcbi10	5	Microsoft Windows Server ... Datacenter6.3 64-Bit	VMware VMware Virtual Platform Virtual Machine	Administrator	QAGENT Updated: Sep 21, 2021	PCI Scope [30 more]
MEMBER	5	Microsoft Windows Server ... Standard1809 64-Bit	VMware VMware Virtual Platform Virtual Machine	Administrator	QAGENT Updated: Sep 20, 2021	PCI Scope [36 more]



## 004 - Business Context through CMDB Sync

- ⓘ Use other search tokens to filter assets matching other business attributes. This concludes the CMDB Sync tutorial. You may close this window and return to the Lab Tutorial Supplement.

The screenshot shows the Qualys Cloud Platform interface for CyberSecurity Asset Management. The top navigation bar includes links for HOME, DASHBOARD, INVENTORY (which is currently selected), TAGS, NETWORK, RULES, RESPONSES, and REPORTS. On the left, there's a sidebar with sections for Managed Assets (12K Total Assets), MANUFACTURER (Unidentified, VMware, Google, Amazon Web Ser..., Microsoft), and TAGS (All Assets, OS: Windows 8.1 ..., EOL OS, 10.0.0.0/8, No NetBIOS Name). The main content area has tabs for Assets and Software, with 'Assets' selected. A search bar at the top of the list view contains the query 'business'. A red box highlights the dropdown menu that appears when the search term is typed, showing suggestions like 'businessApp:(businessCriticality)', 'businessApp:(environment)', etc. Below the search bar is a syntax help section and examples. The main table lists several assets, including their names, criticality, operating system, hardware, last user, source, and tags. Examples of listed assets include 'Demo-WU-VM08.xne53ziolcou3...', 'ajm-asc-linux2', 'windagent', '135435-T496-Ubuntu', '135302-T490', and 'demo-azure-westuk-scanner'.



## 004 - Business Context through CMDB Sync



Scan to go to the interactive player