Qualys CloudView v2.x
API Release Notes

Version 2.0.0
February 01, 2023

The new version of Qualys CloudView introduces changes to the downloadable PDF and CSV reports. You'll find all the details in our user guides, available at the time of release. Just log in to your Qualys account and go to Help > Resources.

What's New!

Enhancements to API for Reports

Introducing CSV Format for IaC Scans

Qualys API Server URL

The Qualys API URL you should use for API requests depends on the Qualys platform where your account is located.

Click here to identify your Qualys platform and get the API URL

Enhancements to API for Reports

We have introduced new fields and values in the downloadable PDF and CSV reports.

After generating a PDF report, you can find a new field in the available results for evaluated controls. Controls that have been evaluated continue to display a 'Pass' or 'Fail' result. Whereas controls that have not been evaluated now displays 'N/A'.

After generating a CSV report, you can find three additions to the results. This includes a section for 'Control summary', 'Resource summary' and 'Account Summary'.

Create Assessment Report

API	/rest/v1/report/assessment/create
New or Updated	Updated Output
Operator	POST

Sample: Generate a PDF assessment report

Download a PDF report to see passed, failed and unevaluated controls.

API Request :

```
curl -k -X POST -u <username>:<password>
"https://<QualysURL>/cloudview-api/rest/v1/report/assessment/create"
```

Request POST Data:

```
{
  "reportName": "Sample PDF Report",
  "description": "PDF report format",
  "format": "PDF",
  "resourceSummaryInclude": "false",
  "cloudType": "GCP",
  "query": "",
  "startDate": "2023-01-24T08:46:36Z",
  "endDate": "2023-01-25T08:46:36Z"
  "policyIds": ["636335f0-xxx-xxx-xxxx-77aa7bc96f55"],
  "resourceResults": ["PASS","FAIL"],
  "groupIds": [],
  "connectorIds": []
}
```

Response:

```
1252bf70-xxxx-xxxx-xxxx-19cb59be89b6
The response returns the unique report ID on successfully creating the
report.
```

You can find the changes in the generated output file.

119	Ensure no AWS default KMS Key is used to protect Secrets	HIGH	0	9	0		FAIL
120	Ensure No CMK is marked for deletion	MEDIUM	0	0	0		N/A
121	Ensure only Root user of the AWS Account should be allowed full access on the CMK	HIGH	0	0	0		N/A
122	Permissions to delete key is not granted to any Principal other than the Root user of AWS Account	HIGH	0	0	0		N/A
123	Ensure CMK administrators are not the user of the key	HIGH	0	0	0		N/A

Sample: Generate a CSV assessment report

Download a CSV report to see passed, failed and unevaluated controls.

API Request :

```
curl -k -X POST -u <username>:<password>
"https://<QualysURL>/cloudview-api/rest/v1/report/assessment/create"
```

Request POST Data:

```
{
  "reportName": "Sample CSV Report",
  "description": "CSV report format",
  "format": "CSV",
  "resourceSummaryInclude": "false",
  "cloudType": "GCP",
  "query": "",
  "startDate": "2023-01-24T08:46:36Z",
  "endDate": "2023-01-25T08:46:36Z"
  "policyIds": ["636335f0-xxxx-xxxx-xxxx-77aa7bc96f55"],
  "resourceResults": ["PASS","FAIL"],
  "groupIds": [],
  "connectorIds": []
}
```

Response:

```
3452bf70-xxxx-xxxx-xxxx-19cb59be89b6
The response returns the unique report ID on successfully creating the
report.
```

You can find the changes in the generated output file.

CSV_BUILD_TIME	05 Jan 2022 11:04 UTC													
Description	Sample CSV Report													
User Name	Filters	Start Date	End Date	Policies		Generated	Generated	Company						
user_john'		'2021-12-'	'2021-12-3'	AWS Infrastructure as Code Se		John Doe	########	Sample						
Resource ID	Resource Type	Result	Source	Repository Name	Branch Na	File Path	Template	Scan Nam	Scan ID	Control Name	CID	Criticality	Service Ty	Last
us-west-2	DynamoDB Table	FAIL	Bamboo	https://sample_repo_link/trial	abc	/aws_dyn	terraform	AWS	ff743bf	Ensure that Auto S	396	MEDIUM	DynamoD	2021
us-east-1	DynamoDB Table	FAIL	Bamboo	https://sample_repo_link/trial	abc	/aws_dyn	terraform	AWS	ff743bf	Ensure that Auto S	396	MEDIUM	DynamoD	2021
us-west-2	DynamoDB Table	FAIL	Bamboo	https://sample_repo_link/trial	abc	/aws_dyn	terraform	AWS	ff743bf	Ensure Dynamodb	292	LOW	DynamoD	2021
us-west-2	DynamoDB Table	FAIL	Bamboo	https://sample_repo_link/trial	abc	/aws_dyn	terraform	AWS	ff743bf	Ensure Dynamodb	169	HIGH	DynamoD	2021
us-east-1	DynamoDB Table	FAIL	Bamboo	https://sample_repo_link/trial	abc	/aws_dyn	terraform	AWS	ff743bf	Ensure Dynamodb	292	LOW	DynamoD	2021
us-east-1	DynamoDB Table	FAIL	Bamboo	https://sample_repo_link/trial	abc	/aws_dyn	terraform	AWS	ff743bf	Ensure DynamoDB	169	HIGH	DynamoD	2021
default	RDS	FAIL	GitHub	https://sample_repo_link/trial	abc	/aws_db_	terraform	AWS	43e92a	Ensure that Postgr	402	MEDIUM	RDS	2021
default	RDS	FAIL	GitHub	https://sample_repo_link/trial	abc	/aws_db_	terraform	AWS	43e92a	Ensure that RDS in:	372	MEDIUM	RDS	2021
default	RDS	FAIL	GitHub	https://sample_repo_link/trial	abc	/aws_db_	terraform	AWS	43e92a	Ensure all data sto	406	HIGH	RDS	2021
default	RDS	FAIL	GitHub	https://sample_repo_link/trial	abc	/aws_db_	terraform	AWS	43e92a	Ensure RDS databa	376	MEDIUM	RDS	2021
default	RDS	FAIL	GitHub	https://sample_repo_link/trial	abc	/aws_db_	terraform	AWS	43e92a	Ensure Enhance m	91	LOW	RDS	2021
default	Amazon Aurora	FAIL	GitHub	https://sample_repo_link/trial	abc	/aws_db_	terraform	AWS	43e92a	Ensure AWS RDS Lo	74	MEDIUM	RDS	2021

Introducing CSV Format for IaC Scans

We have extended support for CSV report format when generating your IaC scan results. The CSV format can be specified in the responseFormat parameter of the IaC scanResult API.

Get IaC Scan Results

API	/rest/v1/iac/scanResult?scanUuid=[id]
New or Updated APIs	Updated
Operator	GET

Input Parameters

Parameter	Description
scanUuid	(Required) Unique identifier assigned to the IaC scan. The scan Uuid is returned in the response of Trigger IaC scan.
responseFormat	Select the format in which the response should be displayed. You can choose from JSON, SARIF, JUNITXML, and the latest CSV format types. By default. response is displayed in JSON format. Note: If you specify SARIF format and the scan is not completed, then the response is in JSON format. SARIF format is ret urned only for completed scans.

Sample: Get IaC Scan Results (CSV)

API Request :

```
curl -X GET "https://<QualysBaseURL>/cloudview-
api/rest/v1/iac/scanResult?scanUuid=337a21ef-xxxx-xxxx-aed646f04e1c542d"
-H 'responseFormat: csv' -H 'authorization: Basic
XXXXXXXXXXXXXXXXXXXXXXXXXXX'
```

Response:

You can find the changes in the generated output file.

scanUuid	374b106f-xxxx-xxxx-xxxx-a48248499e0d										
scanDate	1.68E+12										
name	report_Name										
status	FINISHED										
tags	[{Key:Value}]										
policyNames	Azure Infrastructure as Code Security Best Practices Policy										
checkType	Passed	Failed	high	medium	low	skipped	parsingErrors				
terraform	0	28	12	0	16	0	0				
checkType	checkId	checkNam	criticality	result	evaluated	codeBlock	filePath	fileLineRai	resource	callerFileP callerFileLi	remediation
terraform	50059	Ensure Ac	LOW	FAILED	[criteria/c	[[1,	/50374_Ni	[1, 25]	azurerm_monitor_activity_log_		Ensure azurerm_monitor_activity_log_alert has category is set
terraform	50063	Ensure Ac	LOW	FAILED	[criteria/c	[[1,	/50374_Ni	[1, 25]	azurerm_monitor_activity_log_		Ensure azurerm_monitor_activity_log_alert has category is set
terraform	50064	Ensure Ac	LOW	FAILED	[criteria/c	[[1,	/50374_Ni	[1, 25]	azurerm_monitor_activity_log_		Ensure azurerm_monitor_activity_log_alert has category is set
terraform	50065	Ensure Ac	LOW	FAILED	[criteria/c	[[1,	/50374_Ni	[1, 25]	azurerm_monitor_activity_log_		Ensure azurerm_monitor_activity_log_alert has category is set
terraform	50066	Ensure Ac	LOW	FAILED	[criteria/c	[[1,	/50374_Ni	[1, 25]	azurerm_monitor_activity_log_		Ensure azurerm_monitor_activity_log_alert has category is set
terraform	50067	Ensure Ac	LOW	FAILED	[criteria/c	[[1,	/50374_Ni	[1, 25]	azurerm_monitor_activity_log_		Ensure azurerm_monitor_activity_log_alert has category is set
terraform	50068	Ensure Ac	LOW	FAILED	[criteria/c	[[1,	/50374_Ni	[1, 25]	azurerm_monitor_activity_log_		Ensure azurerm_monitor_activity_log_alert has category is set
terraform	50069	Ensure Ac	LOW	FAILED	[criteria/c	[[1,	/50374_Ni	[1, 25]	azurerm_monitor_activity_log_		Ensure azurerm_monitor_activity_log_alert has category is set
terraform	50070	Ensure Ac	LOW	FAILED	[criteria/c	[[1,	/50374_Ni	[1, 25]	azurerm_monitor_activity_log_		Ensure azurerm_monitor_activity_log_alert has category is set
terraform	50071	Ensure Ac	LOW	FAILED	[criteria/c	[[1,	/50374_Ni	[1, 25]	azurerm_monitor_activity_log_		Ensure azurerm_monitor_activity_log_alert has category is set