



Qualys File Integrity Monitoring

API Release Notes

Version 3.6.1

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Qualys File Integrity Monitoring API gives you many ways to integrate your programs and API calls with Qualys capabilities.

What's New

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Qualys API URL

Qualys FIM supports both API server URLs and API gateway URLs for API requests.

The Qualys API server or gateway 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](#) Additional Values in Input Parameters in Approve the Given Incident API

This documentation uses the API URL for Qualys US Platform 2 (<https://gateway.qg2.apps.qualys.com>) in sample API requests. If you're on another platform, please replace this URL with the appropriate server URL for your account.

Incident API: New Values for Approve Parameter

APIs affected	/fim/v3/incidents/{incidentId}/approve
Method	Post
New or Updated APIs	Updated

We have now introduced new values for input parameters like approvalStatus, changeType, dispositionCategory. Using the additional values, you can now get the pending status, you can change type of incidents and have more options in disposition category.

Input Parameters

Refer to the [FIM API user guide](#) to learn more about APIs.

Note: The values in bold represent the new value added for the parameters.

approvalStatus	(Required) The approval status of the incident created by the rule. Allowed values: "APPROVED", "POLICY_VIOLATION", "UNAPPROVED", " PENDING ".
changeType	(Required) Type of incidents created by the rule. Allowed values: "MANUAL", "AUTOMATED", "COMPROMISE", " STANDARD_CHANGE ", " EMERGENCY_CHANGE ", " NORMAL_CHANGE ", "OTHER".
dispositionCategory	(Required) The category of the incident created by the rule. Allowed values: "PATCHING", "PRE_APPROVED_CHANGE_CONTROL", "CONFIGURATION_CHANGE", "HUMAN_ERROR", "DATA_CORRUPTION", "EMERGENCY_CHANGE", "CHANGE_CONTROL_VIOLATION", "GENERAL_HACKING", "MALWARE", " MALICIOUS_INTENT ", " UNAUTHORIZED_ACCESS ", " INAPPROPRIATE_USAGE_OR_FRAUD ", " DATA_LOSS_OR_THEFT ", " DISREGARD_OF_ORGANIZATIONAL_POLICY ", " FALSE_POSITIVE ", "OTHER".

Sample

Request:

```
curl -X POST
https://gateway.qgl.apps.qualys.com/fim/v3/incidents/{incidentId}/
approve -H 'authorization: Bearer <token>' -H 'content-type:
application/json' -d @request.json
```

Contents of request.json:

```
{
  "approvalStatus": "PENDING",
  "changeType": "NORMAL_CHANGE",
  "comment": "With additional approval values",
  "dispositionCategory": "DISREGARD_OF_ORGANIZATIONAL_POLICY"
}
```

Response:

```
{
  "customerId": "ededf456-70f0-5906-82a1-8255e5a2a7ee",
  "type": "DEFAULT",
  "id": "670c4098-7fd5-42b8-a0ed-cecb3358a862",
  "filterFromDate": "2022-11-15T16:07:00.000+0000",
  "filterToDate": "2022-12-15T16:07:00.000+0000",
  "name": "TEST WITH SPECIAL CHARS",
  "filters": [
    "dateTime:['2022-11-15T16:07:00.000Z'..'2022-12-15T16:07:00.000Z'] AND (action:Content)"
  ],
  "status": "CLOSED",
  "reviewers": [
    "quays_wk29"
  ],
  "comment": "With additional approval values",
  "assignDate": "2022-12-15T16:08:19.560+0000",
  "approvalDate": "2022-12-16T06:33:19.224+0000",
  "approvalStatus": "PENDING",
  "dispositionCategory": "DISREGARD_OF_ORGANIZATIONAL_POLICY",
  "changeType": "NORMAL_CHANGE",
  "approvalType": "MANUAL",
  "createdById": "f0bbece3-xxxx-xxxx-xxxx-aed67c7f0b9b",
  "createdByName": "Patrick",
  "createdDate": "2022-12-15T16:08:19.560+0000",
```

```
"lastUpdatedById": "f0bbece3-xxxx-xxxx-xxxx-aed67c7f0b9b",  
"lastUpdatedByName": "Patrick",  
"lastUpdatedDate": "2022-12-16T06:17:36.953+0000",  
"filterUpdatedDate": "2022-12-15T16:08:19.560+0000",  
"deleted": false,  
"marked": true,  
"moved": null,  
"markupStatus": "COMPLETED",  
"ruleId": null,  
"ruleName": null  
}
```

Create Correlation Rules: Email ID Support for Reviewers

APIs affected	/fim/v3/autocorrelation/rules/create
Method	Post
New or Updated APIs	Updated

Use this API to create correlation rules. You can now add email IDs also in the reviewer field.

Input Parameters

Refer to the [FIM API user guide](#) to learn more about APIs.

reviewers (String)	(Required) A list of comma separated user names and email IDs to review the incidents created from the rule. Note: You can add maximum of 10 entries in this field.
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Sample

Request:

```
curl -X POST
https://gateway.qg1.apps.qualys.com/fim/v3/autocorrelation/rules/c
reate -H 'authorization: Bearer <token>' -H 'content-type:
application/json' -d @request.json
```

Contents of request.json:

```
{
  "fixDate": "2023-06-04",
  "approvalStatus": "PENDING",
  "changeType": "NORMAL_CHANGE",
  "approvalType": "AUTOMATED",
  "description": "test reviewer",
  "reviewers": [
    "Patrick williams", "user_patrick@qualys.com"
  ],
  "scheduleType": "ONETIME",
  "ruleName": "Testing_reviwerField",
  "startTime": "12:00:00",
  "dispositionCategory": "DISREGARD_OF_ORGANIZATIONAL_POLICY",
  "comment": "some comment ",
  "endTime": "23:59:00",
  "filterQuery": "action:Create"
```

```
}
```

Response:

```
{  
  "customerId": "ededf456-xxxx-xxxx-xxxx-8255e5a2a7ee",  
  "id": "fda86fde-xxxx-xxxx-xxxx-9099d44ab18b",  
  "ruleName": "Testing_reviwerField",  
  "filterQuery": "action:Create",  
  "description": "test reviewer",  
  "startTime": "12:00:00",  
  "endTime": "23:59:00",  
  "scheduleType": "ONETIME",  
  "days": [],  
  "fixDate": "2023-06-04",  
  "changeType": "NORMAL_CHANGE",  
  "dispositionCategory": "DISREGARD_OF_ORGANIZATIONAL_POLICY",  
  "approvalType": "AUTOMATED",  
  "approvalStatus": "PENDING",  
  "reviewers": [  
    "Patrick williams",  
    "user_patrick@qualys.com"  
  ],  
  "comment": "some comment ",  
  "createdBy": {  
    "user": {  
      "id": "f0bbece3-xxxx-xxxx-xxxx-aed67c7f0b9b",  
      "name": "john Doe"  
    },  
    "date": 1671187879859  
  },  
  "updatedBy": {  
    "user": {  
      "id": "f0bbece3-xxxx-xxxx-xxxx-aed67c7f0b9b",  
      "name": "john Doe"  
    },  
    "date": 1671187879859  
  }  
}
```

Update Correlation Rules: Email ID Support for Reviewers

APIs affected	/fim/v3/autocorrelation/rules/{autoCorrelationRuleId}/update
Method	Post
New or Updated APIs	Updated

Use this API to update correlation rules. You can now add email IDs also in the reviewer field.

Input Parameters

Refer to the [FIM API user guide](#) to learn more about APIs.

reviewers (String)	(Required) A list of comma separated user names and email IDs to review the incidents created from the rule. Note: You can add maximum of 10 entries in this field.
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Sample

Request:

```
ccurl -X POST
https://gateway.qg1.apps.qualys.com/fim/v3/autocorrelation/rules/{
autoCorrelationRuleId}/update -H 'authorization: Bearer <token>' -
H 'content-type: application/json' -d @request.json
```

Contents of request.json:

```
{
  "fixDate": "2023-06-09",
  "endTime": "13:00:00",
  "startTime": "06:30:00",
  "description": "update description",
  "reviewers": [
    "updated_reviewer" , "test@quays.com"
  ]
}
```

Response:

```
{
  "customerId": "ededf456-xxxx-xxxx-xxxx-8255e5a2a7ee",
  "id": "fda86fde-xxxx-xxxx-xxxx-9099d44ab18b",
  "ruleName": "Testing_reviwerField",
```

```
"filterQuery": "action:Create",
"description": "update description",
"startTime": "06:30:00",
"endTime": "13:00:00",
"scheduleType": "ONETIME",
"days": null,
"fixDate": "2023-06-09",
"changeType": "NORMAL_CHANGE",
"dispositionCategory": "DISREGARD_OF_ORGANIZATIONAL_POLICY",
"approvalType": "AUTOMATED",
"approvalStatus": "PENDING",
"reviewers": [
    "updated_reviewer",
    "test@quays.com"
],
"deleted": false,
"status": "ACTIVATED",
"dayOfMonth": null,
"comment": "some comment ",
"createdById": "f0bbece3-a15d-f536-83c4-aed67c7f0b9b",
"createdByName": "John Joe",
"createdDate": "2022-12-16T10:51:19.859+0000",
"updatedById": "f0bbece3-xxxx-xxxx-xxxx-aed67c7f0b9b",
"updatedByName": "John Joe",
"updatedDate": "2022-12-16T10:58:29.096+0000",
"deletedById": null,
"deletedByName": null,
"deletedDate": null
}
```


Create Manual Incident: Email ID Support for Reviewers

APIs affected	/fim/v3/incidents/create
Method	Post
New or Updated APIs	Updated

Use this API to create manual incidents of type “DEFAULT”. You can now add email IDs also in the reviewer field.

Input Parameters

Refer to the [FIM API user guide](#) to learn more about APIs.

reviewers (String)	Reviewers who approve the incident. A list of comma separated user names and email IDs to review the incidents created from the rule. Note: You can add maximum of 10 entries in this field.
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Sample

Request:

```
curl -X POST
https://gateway.qgl.apps.qualys.com/fim/fim/v3/incidents/create -H
'authorization: Bearer <token>' -H 'content-type:
application/json' -d @request.json
```

Contents of request.json:

```
{
  "name": "IncidentForDocument",
  "reviewers": [
    "user@qualys.com", "testUser"
  ],
  "filters": [
    "dateTime: ['2020-01-14T18:30:00.000Z'..'2022-12-
16T09:29:59.999Z'] and action:`Create`"
  ],
  "comment": "comment for an incident",
  "type": "DEFAULT",
  "userInfo": {
    "user": {
      "name": "quays_user",
      "id": "ededf456-xxxx-xxxx-xxxx-8255e5a2a7ee"
```

```
}  
}  
}
```

Response:

```
{  
  "comment": "comment for an incident",  
  "approvalType": "MANUAL",  
  "type": "DEFAULT",  
  "id": "744166e0-xxxx-xxxx-xxxx-5c3d92c273fa",  
  "userInfo": {  
    "date": 1671188983383  
  },  
  "customerId": "25a14e60-xxxx-xxxx-xxxx-6653a4e2b094",  
  "name": "IncidentForDocument",  
  "filters": [  
    "dateTime: ['2020-01-14T18:30:00.000Z'..'2022-12-16T09:29:59.999Z'] and action:`Create`"  
  ],  
  "reviewers": [  
    "user@qualys.com",  
    "testUser"  ]  
}
```