

# Check Fujitsu RAID Status

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CHECKCENTRAL



BINARYFORTRESS

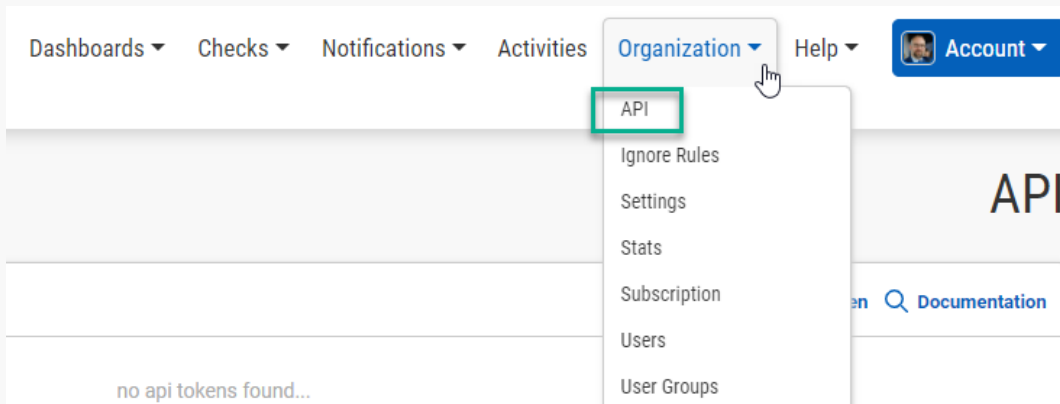
# Check Fujitsu RAID Status

CheckCentral can parse anything you send to it, which means you can monitor more than just backups! With this script, you can send the status of your Fujitsu RAID volumes to CheckCentral daily and get notified if anything is amiss.

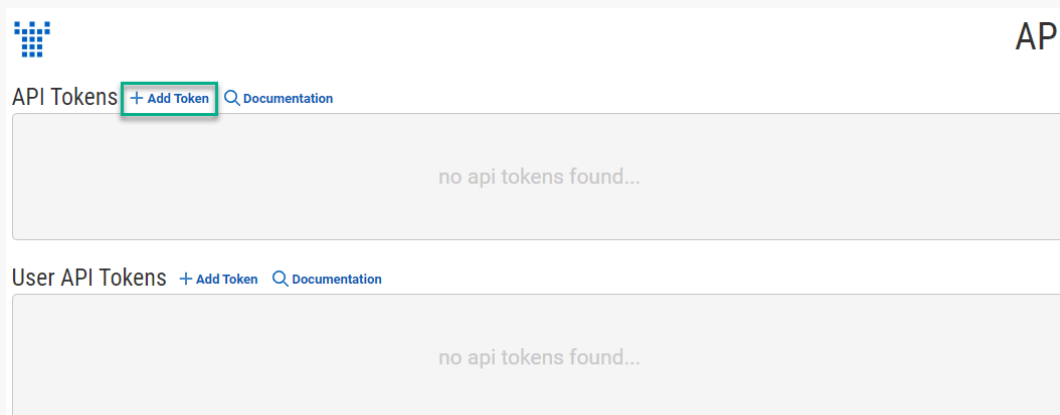
**This script requires Fujitsu ServerView RAID Manager to be installed on the server as it uses the amcli.exe CLI tool.**

## Setting Up the API Token and the Script

1. Download the script: [fujitsu\\_amcli\\_raid\\_check.zip](#)
2. In CheckCentral, go to Organization > API.

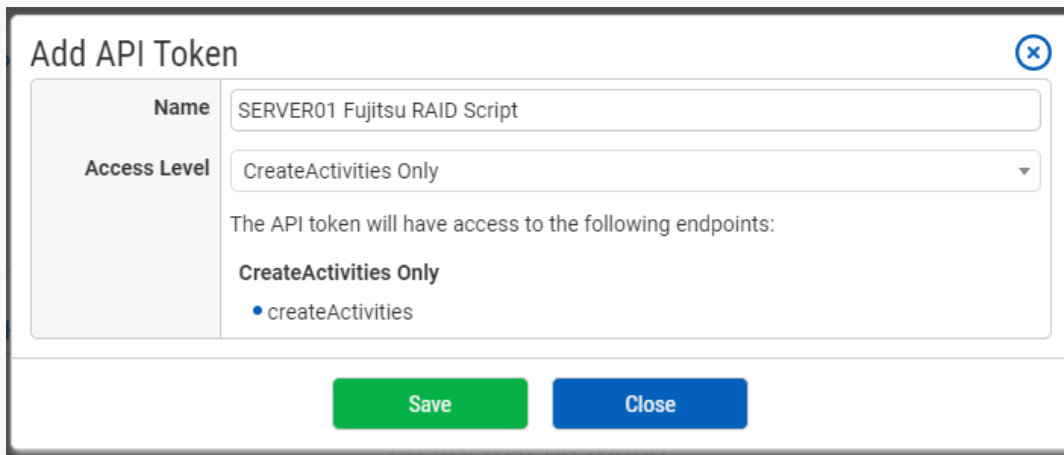


3. Click "Add Token."



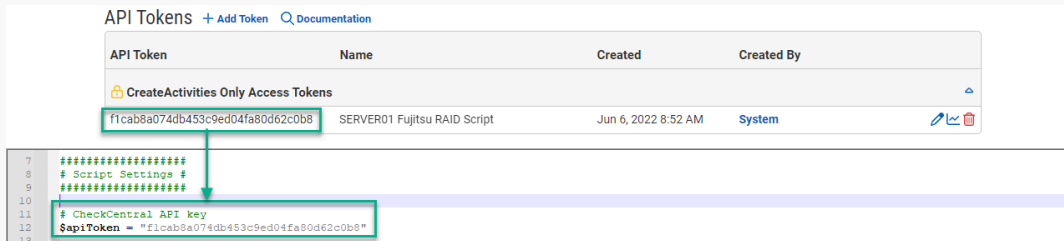
4. Give the token a name, e.g. `SERVER01 Fujitsu RAID Script`.

5. Select "createActivities Only" in the Access Level drop-down and click Save.



The "Add API Token" dialog box contains a "Name" field with the value "SERVER01 Fujitsu RAID Script" and an "Access Level" dropdown menu set to "CreateActivities Only". Below the dropdown, it states: "The API token will have access to the following endpoints:" followed by a list under the heading "CreateActivities Only" with a single item: "• createActivities". At the bottom are "Save" and "Close" buttons.

6. Copy the token, and paste it in the \$apiToken variable near the top of the script.



The screenshot shows the "API Tokens" table with columns: API Token, Name, Created, and Created By. A row is highlighted with a green box, showing the token "f1cab8a074db453c9ed04fa80d62c0b8" for the name "SERVER01 Fujitsu RAID Script". Below the table, a script code block is shown with line numbers 7 to 13. A green arrow points from the token in the table to the script line: `$apiToken = "f1cab8a074db453c9ed04fa80d62c0b8"`.

7. Run the script. You'll now see an unmatched activity in CheckCentral.

## Configure the Check

### Create and Identify

8. In CheckCentral, go to Activities.



Dashboards ▾ Checks ▾ Notifications ▾ **Activities** Organization ▾ Help ▾

- Select "Unmatched" from the Matched dropdown selector and then click the "Filter" button.

The results will show below.

Filter

Group Name

All

Check Name

All

Activity Status

All

Matched

Unmatched

Activity Limit

25

Activity Source

☒ Email
 ☒ User Set
 ☒ Overdue
 ☒ CheckCentral API

Date Range

2021-04-30

to

2022-06-06

Today

Prev Day

Next Day

Last 7 Days

Last 30 Days

This Month

Last Month

This Year

Last Year

All Time

Filter

Reset

Save PDF

Save CSV

Reprocess

Delete Unmatched

Activities

<input type="checkbox"/> Date	Title	Matched Check
<input type="checkbox"/> May 17, 2022 3:48 PM	<a href="#">Fujitsu RAID Status: SERVER01</a>	Unmatched <a href="#">[create check]</a> <a href="#">[add ignore rule]</a>
<input type="checkbox"/> May 12, 2022 2:57 PM	<a href="#">[Success] ACME Accounting Backup (1 machines)</a>	Unmatched <a href="#">[create check]</a> <a href="#">[add ignore rule]</a>

- Click the "Create Check" link next to the relevant activity.

Filter

Group Name

All

Check Name

All

Activity Status

All

Matched

Unmatched

Activity Limit

25

Activity Source

☒ Email
 ☒ User Set
 ☒ Overdue
 ☒ CheckCentral API

Date Range

2021-04-30

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- Leave the Name as is.

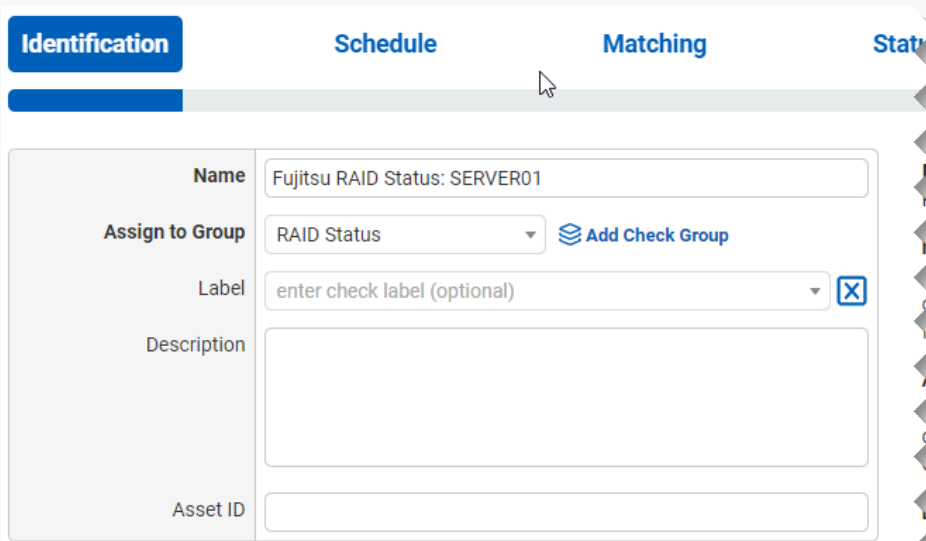
- Select an existing Check Group or create a new one by clicking "[Add Check Group](#)".

13. Select an existing Label or create a new one by typing the name in the text field of the dropdown (optional).
14. Add a description (optional).

The Asset ID is used exclusively with certain ticketing systems and is not required for Checks. Asset ID details and ticketing systems are more fully covered by other documents (e.g. [Halo Integration \(asset ID\)](#).)

15. Leave the Asset ID blank.

Your Check so far will look something like this:



The screenshot shows the 'Identification' tab of the CheckCentral interface. The form contains the following fields and elements:

- Name:** A text input field containing 'Fujitsu RAID Status: SERVER01'.
- Assign to Group:** A dropdown menu with 'RAID Status' selected, and a blue button labeled 'Add Check Group' with a plus icon.
- Label:** A dropdown menu with 'enter check label (optional)' selected, and a blue button with an 'X' icon.
- Description:** A large text area for entering a description.
- Asset ID:** A text input field for entering an asset ID.

The 'Schedule' tab is highlighted in the top navigation bar.

Navigate to the next step in CheckCentral by clicking the "Next" button or the tab name.

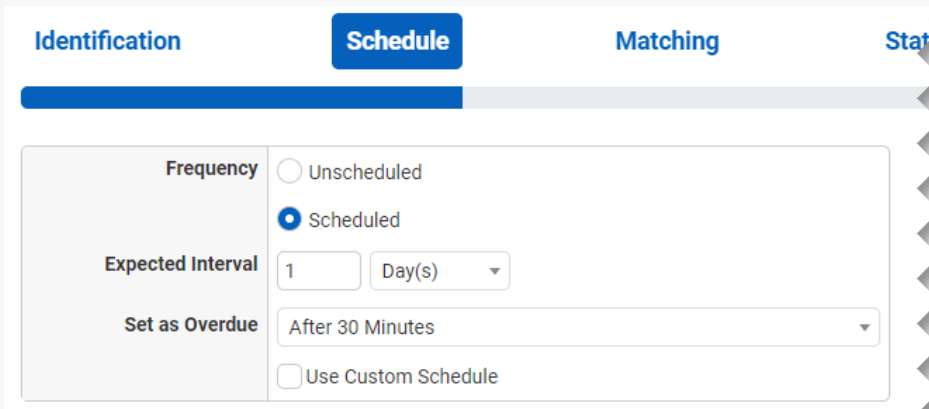
## Schedule

16. Leave "Scheduled" selected as we will be running the script regularly.
17. Assuming you'll run the script daily, leave the Expected Interval on "1" "Day(s)." If you plan to run the script on another interval, adjust accordingly.

The initial expectation time is set by the first email message that is received and processed by its Check. (For example, if a notification email arrives at noon and its Check is set for every half hour, it will expect another notification email at 12:30.)

18. Leave the Set as Overdue setting at "After 30 Minutes." If the script notification email is not received after this amount of time has been exceeded, the Check will be marked as a failure.

Leave Custom Schedule de-selected.



The screenshot shows the 'Schedule' tab of a configuration interface. It features a horizontal progress bar with four segments: 'Identification' (blue), 'Schedule' (blue and active), 'Matching' (light blue), and 'Status' (light blue). Below the progress bar, the 'Schedule' section contains the following controls:

- Frequency:** Two radio buttons, 'Unscheduled' and 'Scheduled'. 'Scheduled' is selected.
- Expected Interval:** A text input field containing '1' and a dropdown menu set to 'Day(s)'.
- Set as Overdue:** A dropdown menu set to 'After 30 Minutes'.
- Use Custom Schedule:** An unchecked checkbox.

## Matching

The Matching step is what matches a notification email to its specific Check. It's also where you'll set the notification's CheckCentral destination email. For email-based notifications, this email can be used for quick matching. Because this is an API-created activity, other Matching Rules are needed.

A Matching Rule is created by default with the Subject of the message crafted by the earlier test run of the script. The "Subject" "Is Exactly" dropdowns and the text `Fujitsu RAID Status:` are displayed, appended with the Computer Name of the computer running the script.

19. Leave the "Fujitsu RAID Status" Matching Rule as is. You can delete the other email address Matching Rule by clicking the trashcan icon, but it is not required.
20. Leave Condense Whitespace and Combine Attachments enabled and the matching modifier set to "All."

The screenshot shows the 'Matching' tab of the CheckCentral configuration interface. At the top, there are four tabs: 'Identification', 'Schedule', 'Matching' (which is active and highlighted with a blue bar), and 'Status'. Below the tabs, there is a section for email configuration. It starts with an unchecked checkbox labeled 'Use email address specific to this check:'. Below this, a text field contains the email address 'genericcompanyabc@mycheckcentral.cc'. Underneath the email field is a section titled 'Additional Criteria' with a '+ Add Matching Rule' link. This section contains two checked checkboxes: 'Condense Whitespace' and 'Combine Attachments'. Below these is a dropdown menu set to 'All' with the text 'Message must match' and 'of the following conditions:'. There are two rows of conditions, each with a dropdown for the field, a dropdown for the operator, and a text field for the value, followed by a trash icon. The first row has 'To' as the field, 'Is Exactly' as the operator, and 'genericcompanyabc@mycheckcentral.cc' as the value. The second row has 'Subject' as the field, 'Is Exactly' as the operator, and 'Fujitsu RAID Status: SERVER01' as the value.

The email address will appear different based on your organization name and the name you specified for your check.

## Status

The previous Matching step identifies the incoming message to the Check. The Status step looks for indicators of what type of notification you're receiving (e.g. The job was successfully run, it failed, or there were some issues.)

21. Leave the Default Status on "Failure."

The "Success Criteria" section is where you'll set the criteria that will mark an activity as successful.

22. Click [+ Add Success Rule](#).

The output from omreport will show `Status logical drives: OK`.

23. Set the rule to "Body Text" "Contains" and then type `Status logical drives: OK` in the empty text field.
24. The "Warning Criteria" section is where you'll set the criteria that will mark an activity with a warning. Because there is no warning criteria for this Check, we do not add a rule.
25. Leave the Condense Whitespace and Combine Attachments checkboxes enabled.

Identification
Schedule
Matching
Status

Default Status
Failure

### Success Criteria

Rules
+ Add Success Rule

☒ Condense Whitespace  
☒ Combine Attachments  

Message must match
All
of the following conditions:

Body Text

Complex Match

"Status : Ok"{2}

### Warning Criteria

Rules
+ Add Warning Rule

☒ Condense Whitespace  
☒ Combine Attachments  

Message must match
All
of the following conditions:

No Conditions Set

### Status

Configure  
Choose  
must me

### Default S

If no statu  
set to th

### Condens

Ignore an  
useful for  
HTML.

### Combine

Treat all  
purposes

### Rules

By defaul  
This can  
incoming

## Notifications



Identification
Schedule
Matching
Status
Notifications

### Notifications

**Failure and Warning Notifications**

☒ Email  
☐ SMS  
☐ Push  
☐ Pushbullet  
☐ Pushover

**Notification Channels**

☒ Asana ☒ Bugzilla ☒ Custom Webhook ☒ Discord (webhook)  
☒ External Emails ☒ GitHub ☒ GitLab ☒ Google Chat (webhook)  
☒ IFTTT (webhook) ☒ Jira Software (webhook) ☒ Mattermost (webhook)  
☒ Microsoft Teams (webhook) ☒ Microsoft To Do List ☒ Redmine  
☒ Rocket.Chat (webhook) ☒ Slack ☒ Slack (webhook)

**External Ticketing Systems**

☒ Atera ☒ Autotask ☒ Bugzilla ☒ ConnectWise Manage ☒ Freshdesk  
☒ GitHub ☒ GitLab ☒ HaloPSA ☒ Jira Service Management  
☒ Jira Software ☒ Kaseya BMS ☒ Microsoft To Do List ☒ Redmine  
☒ SyncroMSP ☒ Zendesk

**Options**

☒ Notify authorized users when this check is restored to success from failure or warning  
☒ Send notifications for messages processed outside of the Arrival Time Window

**Notify on Repeated Alerts**

Notify on every failure or warning

**Notification Grace Period**

No Grace Period

### Notifications

Configure how failures, warnings, and status changes are communicated for this check.

**Failure and Warning Notifications**  
Users will be sent Failure and Warning notifications based on their personal notification settings.

**Notification Channels (optional)**  
Configure which organization notifications CheckCentral will send when updating this check's status. Add notification channels on your [organization page](#).

**External Ticketing Systems (optional)**  
Configure which external ticketing systems CheckCentral will update based on this check's status. Configure external ticketing systems on your [external systems page](#).

**Notify authorized users when this check is restored to success from failure or warning**  
Users will be notified based on this check's notifications settings. In order to receive notifications, users must have the appropriate notification permissions.

**Send notifications for messages processed outside of the Arrival Time Window**  
Uncheck to have CheckCentral only send notifications during the Arrival Time Window. The window can be configured in the advanced schedule. If this option is enabled, CheckCentral will send notifications for messages processed outside of the Arrival Time Window.

**Notify on Repeated Alerts**  
Configure notification behaviour for consecutive failures. Set to failure or warning multiple times without success. If this option is enabled, CheckCentral will use this behaviour.

**Notification Grace Period**  
If there is a grace period set, CheckCentral will not send notifications for each failure activity received. If the grace period expires without success before an activity's grace period expires, CheckCentral will send a notification.

Notifications are simply how you want to be informed of Check Failures, Warnings, and some other Status changes.

Email, push, chat and other software can be integrated as well as ticketing systems, allowing for automatic ticket creation and management.

Further configuration is required for each to function and is done via the Notifications tab in the main menu. They can be configured before or after Check creation.

For more understanding of Notification setup, see the [CheckCentral Beginner's Guide \(Notifications\)](#).

26. Select the desired means of Notification. If in doubt of the selections here, leave the defaults.

## Save

27. To confirm the activity now matches the check, click the Test button.

Identification

Schedule

Matching

Status

Notifications

Save

Existing Messages

☒ Process unmatched messages after saving  
☐ Process matched messages after saving

**Process unmatched messages after saving**  
Any unmatched messages for your organization will be rematched against your checks, including any updated conditions for this check.

**Process matched messages after saving**  
Recent messages already matched to this check will have their status reprocessed using the updated status conditions. CheckCentral will reprocess up to 100 recent activities bas... +

Switch to Advanced Mode

Cancel

Back

View JSON

Test

Save Check

Under "Recent Messages Now Matched" your previously unmatched activity will be displayed with a green Status indicator (assuming the full number of volumes returned an "OK").

Test 'Fujitsu RAID Status: SERVER01'

Recent Messages Matching Multiple Checks

no messages...

Recent Messages Now Matched

Date	Title	Status
15m ago	Fujitsu RAID Status: SERVER01	<span>OK</span>

28. Close the Test window.
29. Click the "Save Check" button.

For more detail on Check creation and best practices, see our [Check Creation Guide](#).

For other guides and support contact information, see [CheckCentral Support](#)

# About CheckCentral

CheckCentral Monitoring consolidates and simplifies backup, system, and software email updates into a clean, graphical dashboard, bringing peace of mind to IT administrators of SMBs, Enterprises, and MSPs.

To learn more about CheckCentral, visit: <https://www.checkcentral.cc>

# About Binary Fortress Software

Binary Fortress has spent 17 years in pursuit of one goal: create software to make life easier. Our software ranges from display management and system enhancement utilities to monitoring tools and digital signage. IT administrators, professional gamers, coffee-shop owners, and MSPs all rely on Binary Fortress to make their days better, and their lives easier.

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