

Windows Server Backup Status



CHECKCENTRAL



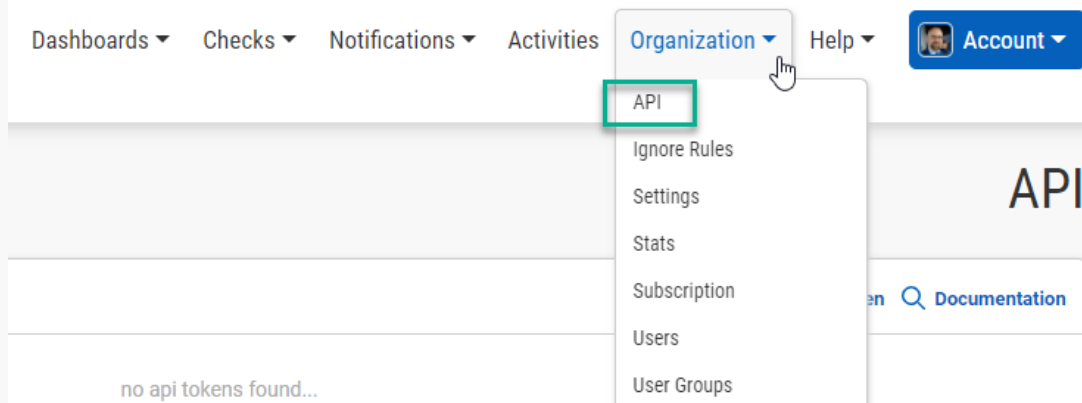
BINARYFORTRESS

Check Windows Server Backup Status

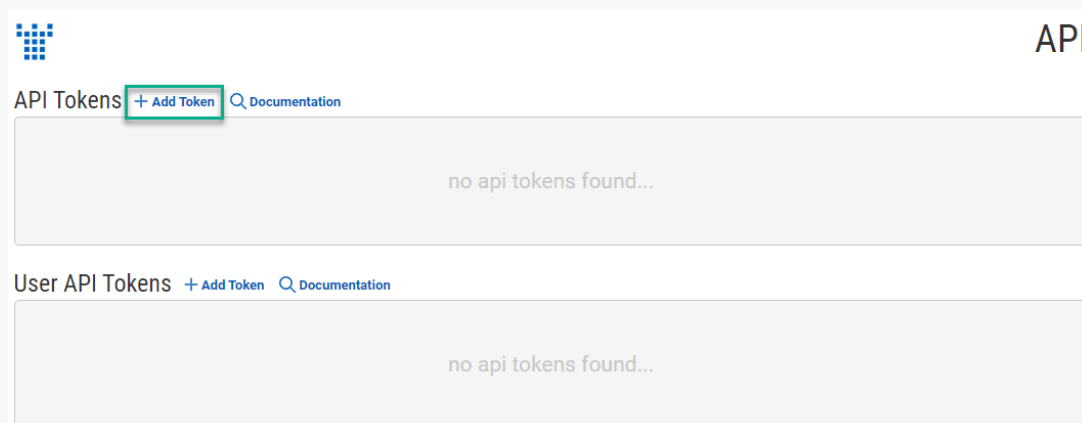
Windows Server Backup doesn't have an option to email results of backup jobs. Using the [Get-WBSummary](#) Windows Server Backup PowerShell command, this script gets the last successful backup date and confirms it's within a specified period. It also counts the number of warning and error events in the "Microsoft/Windows/Backup" Event Logs, and sends the results to CheckCentral.

Setting Up the API Token and the Script Installation

- Download the script: [windows_server_backup.ps1](#)
- In CheckCentral, go to Organization > API.



- Click "Add Token."



- Give the token a name, e.g. `SERVER01 Windows Server Backup Script`.
- Select "createActivities Only" in the Access Level drop-down and click Save.

Add API Token

Name

SERVER01 Windows Server Backup Script

Access Level

CreateActivities Only

The API token will have access to the following endpoints:

CreateActivities Only

- createActivities

Save

- Copy the token, and paste it in the `$apiToken` variable of the script.

API Tokens

+ Add Token Q Documentation

API Token	Name	Created	Created By
CreateActivities Only Access Tokens			
ada293c826f94e8189d1e761bc09bdc8	SERVER01 Windows Server Backup Script	Aug 2, 2022 1:55 PM	System

```
17
18
19 #####
20 # Script Settings #
21 #####
22
23 # CheckCentral API key ("CreateActivities Only" token type is recommended)
24 $apiToken = "ada293c826f94e8189d1e761bc09bdc8"
25
26 # Set the recovery point objective time to check here (in hours)
27 # If your job runs daily, set this to 24 hours to make sure
28 # the last successful backup is less than 24 hours old.
29 # If your job runs more frequently, e.g. hourly, then set this to
30 # 1 so that the script confirms the latest backup is less than 1 hour old
31 $rpoHours = 24
32
```

- If needed, modify the RPO time in hours in the `$rpoHours` variable. This will correspond to the schedule as set in Windows Server Backup. e.g. If your job runs daily, set this to `24` to make sure the last successful backup is less than 24 hours old.
- Run the script. You'll now see an unmatched activity in CheckCentral.

For multiple instances, consider using unique API keys. If at a later date one needs to be revoked, it will then only impact a single instance.

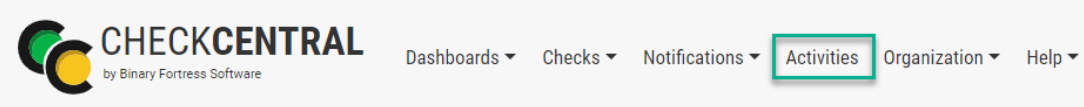
Scheduling

- Configure this script to run on a machine somewhere as a regularly scheduled task. (Daily in this example)

Configure the Check

Create and Identify

- In CheckCentral, go to Activities.



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

The results will show below.

Filter Save CSV Save PDF Reset

Group Name	All	X
Check Name	All	X
Activity Status	All	X
Matched	Unmatched	X
Activity Limit	25	
Activity Source	<input checked="" type="checkbox"/> Email <input checked="" type="checkbox"/> User Set <input checked="" type="checkbox"/> Overdue <input checked="" type="checkbox"/> CheckCentral API	
Date Range	<input type="text" value="2021-04-30"/> to <input type="text" value="2022-08-02"/>	

[Today](#) [Prev Day](#) [Next Day](#) [Last 7 Days](#) [Last 30 Days](#)
[This Month](#) [Last Month](#) [This Year](#) [Last Year](#) [All Time](#)

[Reprocess](#) [Delete Unmatched](#) [Filter](#)

Activities

<input type="checkbox"/> Date	Title	Matched Check
<input type="checkbox"/> 52s ago	Windows Server Backup Summary: SERVER01	Unmatched [create check] [add ignore rule]

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

Activities		
<input type="checkbox"/> Date	Title	Matched Check
<input type="checkbox"/> 52s ago	Windows Server Backup Summary: SERVER01	Unmatched [create check] add ignore rule

- Leave the Name as is.
- Select an existing Check Group or create a new one by clicking "[Add Check Group](#)".
- Select an existing Label or create a new one by typing the name in the text field of the dropdown (optional).
- 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 \(asset ID\)](#).)

- Leave the Asset ID blank.

Your Check so far will look something like this:

Identification

Schedule

Matching

Step 1 of 4

Identification

Name

Windows Server Backup Summary: SERVER01

Assign to Group

Windows Servers

Add Check Group

Label

enter check label (optional)

X

Description

Asset ID

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

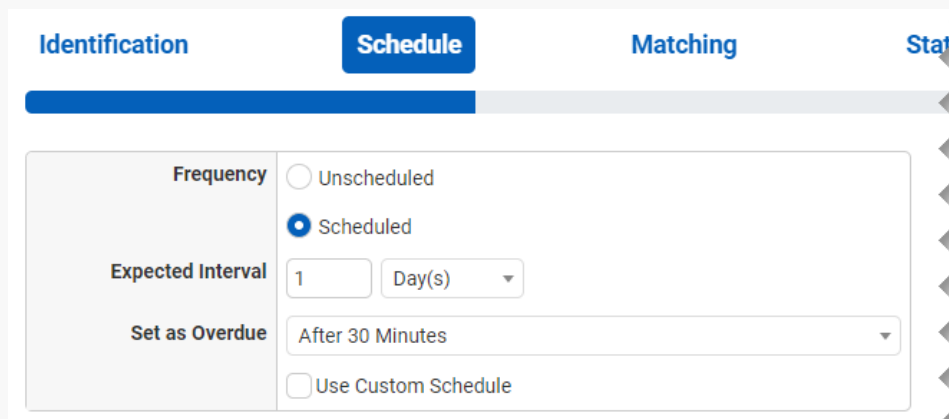
Schedule

- Leave "Scheduled" selected as we will be running the script regularly.
- 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.)

- 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 window. It has four tabs: 'Identification', 'Schedule' (active), 'Matching', and 'Status'. The 'Schedule' tab contains the following settings:

- Frequency:** Radio buttons for 'Unscheduled' and 'Scheduled'. 'Scheduled' is selected.
- Expected Interval:** A text input with '1' and a dropdown menu showing 'Day(s)'.
- Set as Overdue:** A dropdown menu showing '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 `Windows Server Backup Summary:` are displayed, appended with the Computer Name of the computer running the script.

- Leave the Matching Rule as is.

- Leave Condense Whitespace and Combine Attachments enabled.

Identification Schedule **Matching** S

Matching

☐ Use email address specific to this check:

Your source application should be configured to send an email to the following email address:

genericcompanyabc@mycheckcentral.cc

Additional Criteria + [Add Matching Rule](#)

☒ Condense Whitespace

☒ Combine Attachments

Message must match All ▼ of the following conditions:

Subject ▼ Is Exactly ▼ Windows Server Backup Summary: SERVE

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.)

The activity the script creates will include a summary line like this: `Recent: True, Errors: 0, Warnings: 0` in the body, so you'll configure the check status conditions to parse that line.

- Leave the Default Status on "Failure."

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

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

- Set the rule to "Body Text" "Contains"

`Recent: True, Errors: 0, Warnings: 0`

- The "Warning Criteria" section is where you'll set the criteria that will mark an activity with a warning.

- Click [+ Add Warning Rule](#).

- Set the rule to "Body Text" "Contains"

`Recent: True, Errors: 0`.

- Click [+ Add Warning Rule](#) again.

- Set the rule to "Body Text" "Does Not Contain" `Warnings: 0`.

- Leave the Condense Whitespace and Combine Attachments checkboxes enabled.

The screenshot displays the configuration interface for a check, organized into three tabs: Identification, Schedule, and Matching. The 'Status' tab is active, showing the 'Default Status' set to 'Failure'. Below this, the 'Success Criteria' section includes a 'Rules' list with 'Condense Whitespace' and 'Combine Attachments' checked. A condition is added: 'Body Text' contains 'Recent: True, Errors: 0, Warnings: 0'. The 'Warning Criteria' section also has 'Condense Whitespace' and 'Combine Attachments' checked. It contains two conditions: 'Body Text' contains 'Recent: True, Errors: 0' and 'Body Text' does not contain 'Warnings: 0'. A vertical sidebar on the right shows a list of configuration items.

Identification	Schedule	Matching	Status												
<h3>Status</h3> <p>Default Status Failure</p> <h3>Success Criteria</h3> <p>Rules + Add Success Rule</p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Condense Whitespace<input checked="" type="checkbox"/> Combine Attachments <p>Message must match All of the following conditions:</p> <table border="1"><tr><td>Body Text</td><td>Contains</td><td>Recent: True, Errors: 0, Warnings: 0</td><td></td></tr></table> <h3>Warning Criteria</h3> <p>Rules + Add Warning Rule</p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Condense Whitespace<input checked="" type="checkbox"/> Combine Attachments <p>Message must match All of the following conditions:</p> <table border="1"><tr><td>Body Text</td><td>Contains</td><td>Recent: True, Errors: 0</td><td></td></tr><tr><td>Body Text</td><td>Does Not Contain</td><td>Warnings: 0</td><td></td></tr></table>				Body Text	Contains	Recent: True, Errors: 0, Warnings: 0		Body Text	Contains	Recent: True, Errors: 0		Body Text	Does Not Contain	Warnings: 0	
Body Text	Contains	Recent: True, Errors: 0, Warnings: 0													
Body Text	Contains	Recent: True, Errors: 0													
Body Text	Does Not Contain	Warnings: 0													

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
SynchronMSP
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

Notification 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 are sent when updating this check's status. Add notification channels on your [organization page](#).

External Ticketing Systems (optional)

Configure which external ticketing systems are updated based on this check's status. Configure external ticketing systems on your [external systems page](#).

Notify authorized users when this check is restored 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 within 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 or warnings. If set to failure or warning multiple times without success, CheckCentral will use this... [+](#)

Notification Grace Period

If there is a grace period set, CheckCentral will not send notifications for each failure activity received. If the check returns to success before an activity's grace period, the activity will be ignored.

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 \(Notifications\)](#).

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

Save

- 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 status was returned with no Errors or Warnings).

Test 'Windows Server Backup Summary: SERVER01'

Recent Messages Matching Multiple Checks

no messages...

Recent Messages Now Matched

Date	Title	Status
9m ago	Windows Server Backup Summary: SERVER01	✓
9m ago	Windows Server Backup Summary: SERVER01	✗

- Close the Test window.
- 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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