AppAssure 5 Job Monitoring

Using a Powershell script and custom service

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Disk Fragmentation Information

Overview

N-able Technologies has developed a script and a custom service that allows to get the information from the AppAssure 5 job APIs, and write the information to WMI for a custom service to use.

To use it, the script must be run at periodic interval (we recommend every 1 hour, but the actual schedule is customizable), and a custom service must be deployed.

Requirements

This script was tested on all current Microsoft Windows OS :

- Windows 7, Windows Server 2003 (R2), Windows Server2008 (R2), Windows 8 and Windows Server 2012.
- Windows XP and Vista are not supported.

Additionally, the script requires Powershell 2.0 and Microsoft .net 4, as well as AppAssure 5

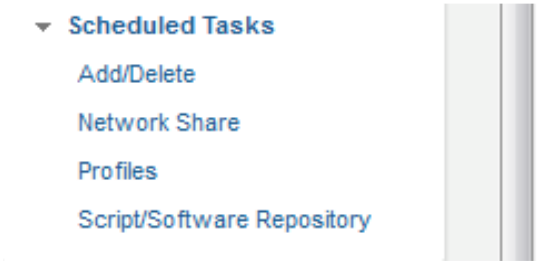
Workflow

The script when run on a local computer uses the AppAssure windows event log to review job data, then then writes data points for the custom service to use

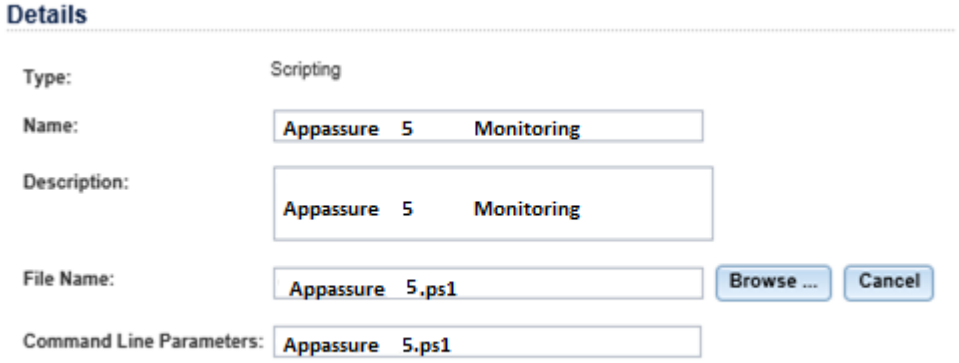
Deployment

Importing and configuring the script

1. Download the AppAssure 5 Job Monitoring script from the N-able Resource Center (http://nrc.n-able.com) under COMMUNITY > Custom Services section.
2. Import the Powershell script into the N-Central Script Repository
    a. From the Service Organization Level (orange), go to the configuration menu, then to **Scheduled Tasks**,



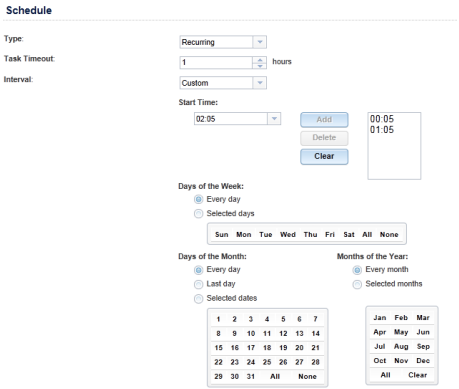
    b. Select **Script/Software Repository**
    c. Click ADD and choose scripting, then click on BROWSE to select the script



    d. Once uploaded, it will be available for use

3. Create a Scheduled Task profile (as detailed below) to run the script every 1 hour (or as needed).
    a. From the Customer level (green), go to the configuration menu, then to Scheduled Tasks, and click on profiles. Select ADD scripting task
        i. Enter a name
        ii. Select the script from the repository list
        iii. Select the rule on which to apply the profile.
        iv. Select the schedule and set it to recurring

v. Select Custom if it needs to be scanned more frequently than hourly, and add all the times that are required, and leave the other fields default (every day, every month).



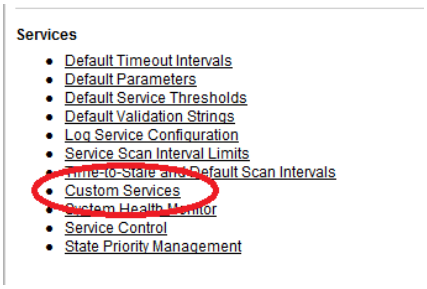
vi. If desired, select notifications to be sent if the task fails to run.

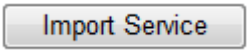
vii. Save the task. The task will now run at the specified times.

Importing and configuring the custom service

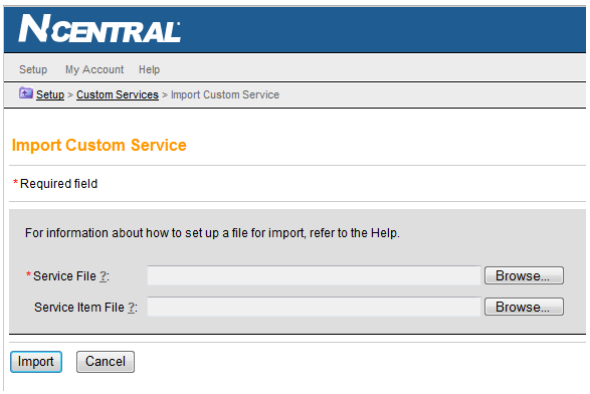
To import the custom service:

1. log on to the NAC by going to httpS://YOURSERVER:10000 and logging in with your product administrator
2. go to **Custom Services** within the services section on the left

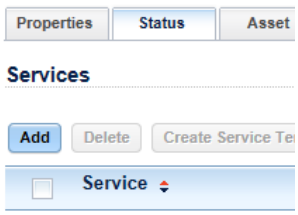


3. Click on IMPORT SERVICE 

4. Click on BROWSE and select the service file (xml file), then click on IMPORT



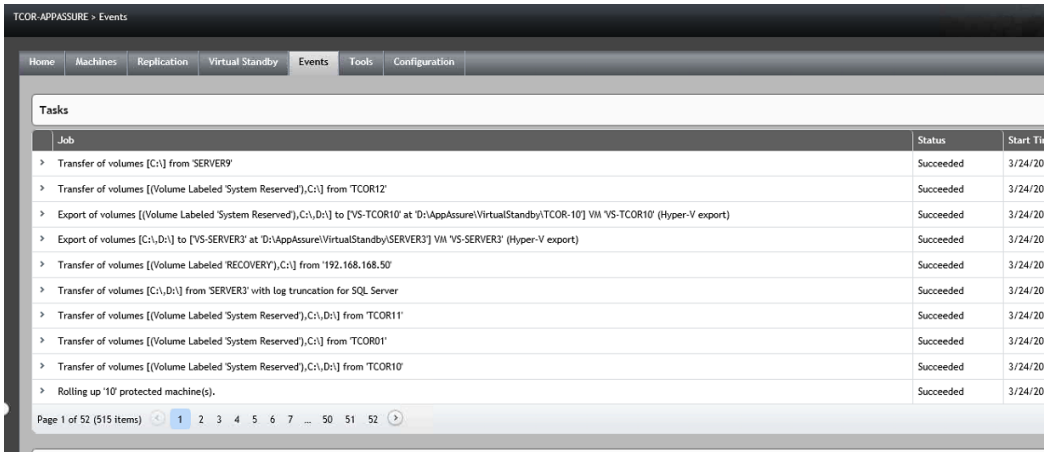
5. The service is now imported. Go to the N-Central GUI and select the device where to add the service. Go to the STATUS tab and click on ADD



6. From the list, enter a 1 besides AppAssure

7. Click on OK at the bottom of the list
8. Then click on the service name on the device status tab, and go to SERVICE DETAILS
9. In here, enter the job name. this is what the service will use to monitor.

a. ** note : To Get the job name, go to appassure and use the job name as shown in the screenshot below. Note that the script will only monitor TRANSFER OF VOLUMES jobs.



10. Repeat the steps 5-9 for all desired jobs.
11. The service will now report on the script data.

Data being monitored

Information contained within the custom service

The monitor will record 8 data points in WMI for N-Central to poll.

1. Job duration
2. Job end time
3. Job name
4. Job type
5. Last job result
6. Last job result type
7. Last state
8. Last Script Execution Time
9. Job start time
10. Time since last backup was run