

The ActiveBatch® Management Pack for Nagios Allows Network and IT Operations Staff to Centrally Monitor the Performance and Health of ActiveBatch and Mission-Critical Processes via Nagios

Network operations has always required the ability to monitor the essential business processes and procedures to ensure that critical components in an organization's IT environment are healthy. The ActiveBatch® Management Pack for Nagios® (AMPN) goes beyond the monitoring of your services by allowing your Nagios Server to inquire about the health of ActiveBatch Objects, such as mission critical workflows that include the "failures" of Jobs and Plans and also ActiveBatch Queues.

The ActiveBatch Management Pack for Nagios allows ActiveBatch Objects, such as Jobs, Plans and Queues to be monitored in addition to ActiveBatch services. The Management Pack also provides important information regarding memory usage, CPU, threads, etc., of any of the ActiveBatch Execution Agents. It combines event-driven architecture and simplicity of ActiveBatch Job Scheduling and Workload Automation with the powerful monitoring capabilities of Nagios.

Nagios 3.2 and above
ActiveBatch Version 8 Service Pack 2 and above

Host	Service	Status	Last Check	Duration	Average	Status Information
Host	ActiveBatch CPU Usage	OK	04-29-2011 09:38:02	04 13h 39m 36s	1/3	OK: CPU usage is 0.0
	ActiveBatch Execution Agent	OK	04-29-2011 09:43:18	04 13h 24m 20s	1/3	ActiveBatch Execution Agent V8.0 (8.0.1.1548) for Linux Copyright(C) 2000, Advanced Systems Concepts, Inc. All Rights Reserved.
	ActiveBatch Memory Usage	OK	04-29-2011 09:47:18	04 15h 15m 20s	1/3	OK: Memory usage is 0.0
	ActiveBatch Number of Open Files	OK	04-29-2011 09:46:42	04 13h 30m 56s	1/3	OK: Number of open files is 25
	ActiveBatch Number of Threads	OK	04-29-2011 09:38:08	04 13h 39m 32s	1/3	OK: Thread count is
	PING	OK	04-29-2011 09:47:30	04 6h 20m 8s	1/3	PING OK - Packet loss = 0%, RTA = 0.44 ms

Example:

When using the Management Pack, an alert is raised when an ActiveBatch Plan fails. The Nagios console will alert network operations and provide detailed information regarding the particular failure. Receiving immediate alerts allows for more timely response and ultimately, improved service levels.

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Licensing:

The ActiveBatch Management Pack supports the monitoring of ActiveBatch Objects including Jobs, Plans, Queues, and ActiveBatch Services. The ActiveBatch Management Pack for Nagios is separately licensed.

The ActiveBatch Installation Kit, available from My ASCII, is a FREE download for the Nagios Server. The Installation kit simplifies the setup and configuration of managing and monitoring of only the ActiveBatch Services.

About Nagios:

Nagios is an enterprise class, open source IT infrastructure solution that monitors hosts, services, applications and networks. Visit www.nagios.org.

Current Network Status
 Last Updated: Wed Apr 13 11:38:14 EDT 2011
 Updated every 90 seconds
 Nagios® Core™ 3.2.3 - www.nagios.org
 Logged in as *nagiosadmin*

Host Status Totals

Up	Down	Unreachable	Pending
3	0	0	0
All Problems		All Types	
0		5	

Service Status Totals

Ok	Warning	Unknown	Critical	Pending
31	0	0	0	0
All Problems		All Types		
0		31		

Host Status Details For All Host Groups

Current Status: **CRITICAL** (for 0d 0h 0m 11s)
 Status Information: Status: Critical
 Description:
 Performance Data: 1 object(s) in *****CRITICAL***** state | | /TestPlan/SAP/SAP_Job |Job Instance 'SAP_Job [1290]' FAILED, 5/3/2011 1:23:54 PM |exit code: 101 |logfile: 'file:///W2K3X64EL/ASCII_ABATLOG/W2K3X64EL/LocalEQ/SAP_Job_0000001290-03May2011-172354_001.log'
 Current Attempt: 1/3 (SOFT state)
 Last Check Time: 05-03-2011 13:23:16
 Check Type: ACTIVE
 Check Latency / Duration: 2.687 / 1.660 seconds
 Next Scheduled Check: 05-03-2011 13:25:16
 Last State Change: 05-03-2011 13:23:16
 Last Notification: N/A (notification 0)
 Is This Service Flapping? **NO** (0.00% state change)
 In Scheduled Downtime? **NO**
 Last Update: 05-03-2011 13:23:25 (0d 0h 0m 2s ago)

Current Status: **WARNING** (for 0d 0h 0m 4s)
 Status Information: Status: Warning
 Description:
 Performance Data: 1 object(s) in *****WARNING***** state | /Informatica |Queue 'Informatica' (Id: 1018, Full Path: /Informatica) 'Informatica [1018]' Closed
 Current Attempt: 1/3 (SOFT state)
 Last Check Time: 05-03-2011 13:24:52
 Check Type: ACTIVE
 Check Latency / Duration: 1.553 / 1.649 seconds
 Next Scheduled Check: 05-03-2011 13:26:52
 Last State Change: 05-03-2011 13:24:52
 Last Notification: N/A (notification 0)
 Is This Service Flapping? **NO** (0.00% state change)
 In Scheduled Downtime? **NO**
 Last Update: 05-03-2011 13:24:55 (0d 0h 0m 1s ago)

