

AppDynamics Lite vs. Pro Edition

AppDynamics, the leader in application performance management (APM) for the cloud generation, offers both a Lite and Pro edition of its monitoring solution. We'll outline the major difference between the Lite and Pro Editions of AppDynamics below.

While Lite give its user the ability to troubleshoot a single JVM, the Pro edition allows users to monitor, troubleshoot and be pro-active across your entire distributed application. With Pro, you'll have access to performance trending and be able to resolve memory leaks.

Both Lite and Pro are production ready out of the box with no configuration required other than a simple agent install.

LITE EDITION

PRO EDITION

1

Lite is typically deployed on the users desktop machine.

Pro requires a dedicated management server that can either be managed as a service by AppDynamics or by the user on-premise.



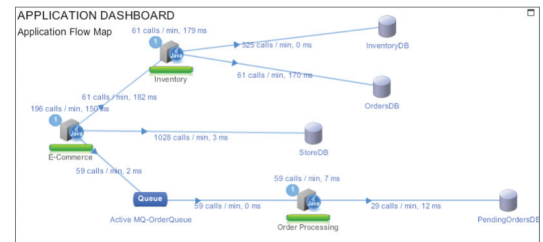
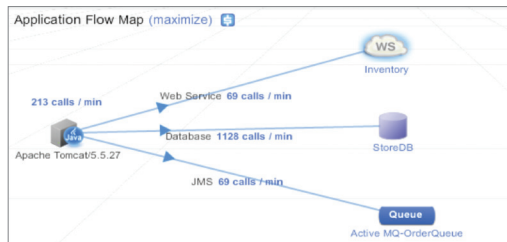
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2

Lite provides visibility for a single JVM or IIS web server.

Pro provides 5 Java agents, 5 .NET agents, and 5 PHP agents so users can get visibility into distributed applications.



3

Lite is limited to 30 business transaction types.

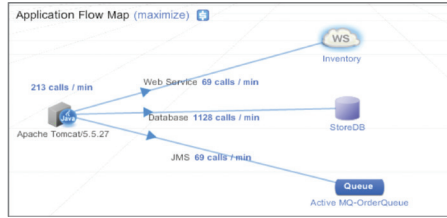
Pro is unlimited.

Business Transactions (maximize)		Troubleshooting	
Name	Calls / min	Time (ms)	Health
Checkout	35	380	
Log Out	35	196	
Homepage	35	4	
Add To Cart	35	264	
Get All Items	35	16	
Login	35	13	

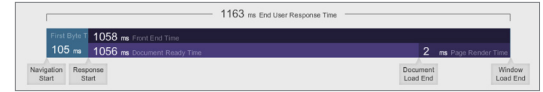
Name	Service La...	Time (ms)	Calls	Calls / min	Errors	Error %	Slow Resps...	Very Slow...	State
Products		5	3,182	213	0	0	11	4	
Homepage		3	2,128	142	0	0	5	1	
Portal Login		1	1,659	111	0	0	0	0	
Retrieve Orders		21	1,198	74	0	0	10	2	
Orders Queue		990	1,107	74	1,106	99.9	3	13	
Order Detail		1	1,064	71	0	0	0	0	
Shopping Cart		77	1,064	71	0	0	0	26	
Get Suppliers		99	611	41	0	0	7	4	
Submit Orders		1797	553	37	0	0	1	11	
Order Confirmation		2	532	35	0	0	0	0	
Landing Page		0	532	35	0	0	0	0	
Get Product		108	504	34	0	0	22	3	
Get Categories		64	24	2	0	0	0	1	
Get All Products		92	14	1	0	0	1	0	

4

Lite is limited to Server visibility.

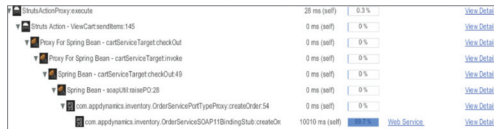


Pro can monitor the End User Experience across the Browser, Network and Server.



5

Code Execution and Call stack visibility are limited to a single JVM and IIS web server in Lite.

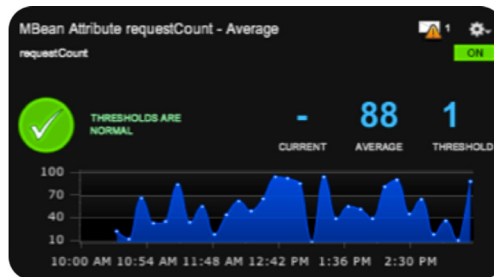


With Pro, users can follow code execution across every JVM, IIS instance/CLR, and PHP web server, while maintaining full business transaction context.

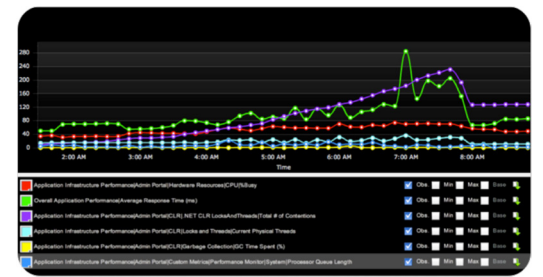


6

Lite and Pro for Java now both offer real-time monitoring of JMX metrics.

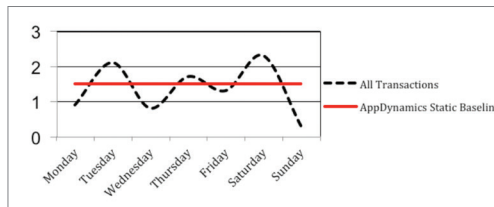


Pro in addition, allows users to perform historical and long term trending with baselines overtime, and also with other metrics such as host OS, application metrics and CLR counters for .NET.

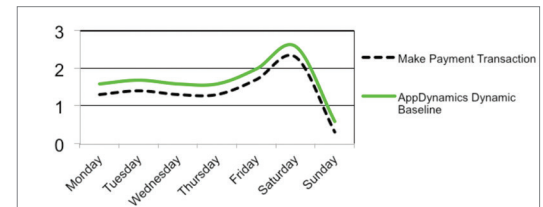


7

Threshold in Lite are driven by a single static threshold for all business transactions.



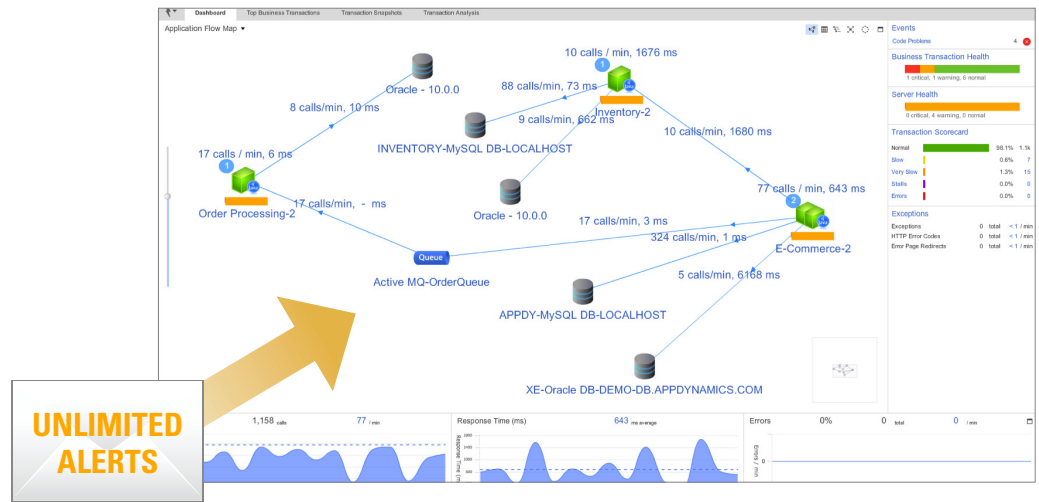
In Pro, every business transaction has its own dynamic baseline. This feature ensures that AppDynamics can learn your application's normal behavior and only send alerts when real problems occur.



8

Lite now provides basic alerting capabilities for simple thresholds on the application, business transactions and JMX metrics (for Java).

Pro provides more advanced features such as rule based policies for more granular alerting along with launch in context links for rapid alert triage.



9

Diagnostic sessions and data are triggered manually by a user in Lite.

With Pro, they are triggered automatically when a threshold breach occurs.

Diagnostic Session Snapshots			
Timestamp	Exe. Time	No. of Snapshots	
06:32:17 PM to 06:33:17 PM	1 mins	5	
06:33:03 PM	53 ms		
06:33:02 PM	60 ms		
06:33:01 PM	54 ms		
06:33:01 PM	93 ms		
06:33:00 PM	56 ms		

Diagnostic Session Workbench					
Time	Exe Time (ms)	Business Transaction	Summary		
08/23/11 06:27:37 PM	10028	Checkout	9% (3/33) of requests were slow in t		
08/23/11 06:27:00 PM	10026	Checkout	9% (3/33) of requests were slow in t		
08/23/11 06:26:46 PM	10041	Checkout	9% (3/33) of requests were slow in t		
08/23/11 06:25:52 PM	10034	Checkout	9% (3/33) of requests were slow in t		
08/23/11 06:25:39 PM	10027	Checkout	9% (3/33) of requests were slow in t		

10

Lite is limited to 2 hours of rolling data.

Pro is unlimited and can hold years of historical data.

TIME RANGE last 30 min.

Last 30 Minutes (resolution: 1 min.)

Last 1 Hour (resolution: 1 min.)

Last 2 Hours (resolution: 1 min.)

AppDynamic's commercial product enables you to keep days, even weeks of data on your application. Even better, the data is based on the historical performance of your own app--which AppDynamics learns via its intelligent "policy engine." And you're able to configure those policies to reflect any conditions you wish. Find out more.

TIME RANGE last 15 minutes

Last 5 Minutes (auto-refresh) (resolution: 1 min.)

Last 15 Minutes (auto-refresh) (resolution: 1 min.)

Last 30 Minutes (resolution: 1 min.)

Last 1 Hour (resolution: 1 min.)

Last 2 Hours (resolution: 10 min.)

Last 3 Hours (resolution: 10 min.)

Last 4 Hours (resolution: 10 min.)

Last 6 Hours (resolution: 10 min.)

Last 12 Hours (resolution: 10 min.)

Last 1 Day (resolution: 10 min.)

Last 1 Week (resolution: 1 hour)

Last 1 Month (resolution: 1 hour)

Last 3 Months (resolution: 1 hour)

Last 6 Months (resolution: 1 hour)

Last 1 Year (resolution: 1 hour)

Custom

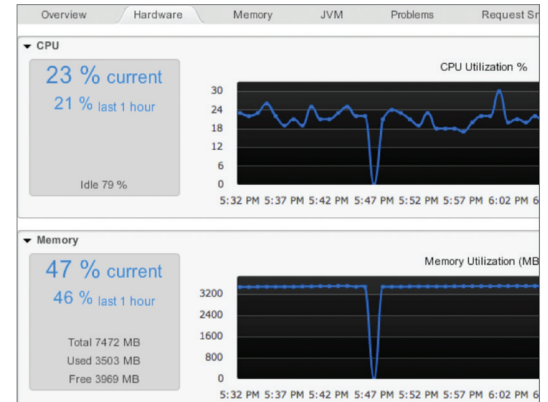
Saved Time Ranges

Production Slowdown 13/5/2011

11

Not available.

Pro also monitors the Host OS machine to provide visibility into CPU, memory, disk and network utilization.



12

Not available.

Pro for Java has automatic memory leak detection for resolving leaks in production environments.

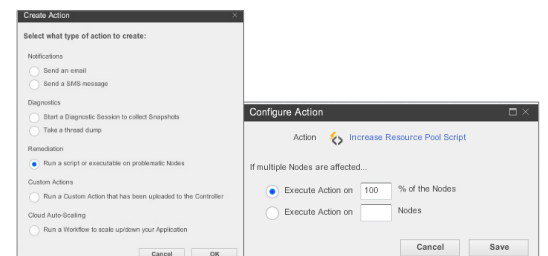
The screenshot shows the 'Automatic Leak Detection' interface. A table lists several classes with their collection sizes and leak status. Below the table, there is a section for 'Code Paths and Business Transactions accessing this Collection (get(), put(), etc)'. The code paths section shows a list of Java code paths and their occurrence counts. The business transactions section shows a 'Purchase Order' transaction with 12 occurrences.

Class	Collection Size	Potentially Leaking	Object Crea...	JVM Start Time	Object In...
java.util.HashSet	35259	X Yes	04/08/11 02:00:03 PM	04/08/11 02:00:03 PM	5000
java.util.HashMap	35259	X Yes	04/08/11 02:00:03 PM	04/08/11 02:00:03 PM	5002
java.util.concurrent.ConcurrentLinkedQueue	35260	X Yes	04/08/11 02:00:03 PM	04/08/11 02:00:03 PM	5001
java.util.HashMap	35259	X Yes	04/08/11 02:00:03 PM	04/08/11 02:00:03 PM	5003

13

Not available.

Pro offers Runbook Automation so users can automatically remediate common performance problems. For example, AppDynamics can automatically take action to increase the resource pool on an impacted node before end users are affected.



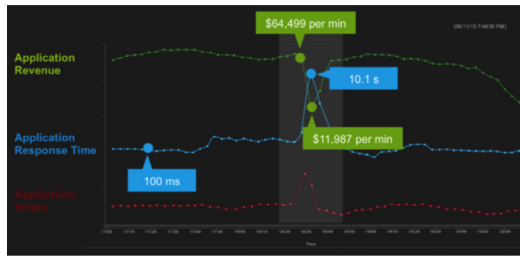
LITE EDITION

PRO EDITION

14

Not available.

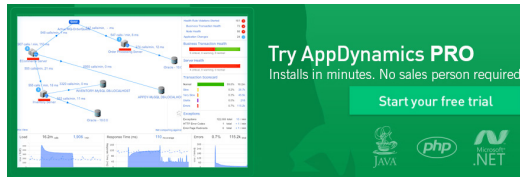
Pro gives users Business Metrics, which is real-time visibility into application revenue and the business impact of performance issues.



15

Lite edition is totally free.

Get started with a free trial of Pro by visiting AppDynamics.com.



Try it **FREE** at www.appdynamics.com

