

Gestion simplifiée de la solution avec CA APM Command Center

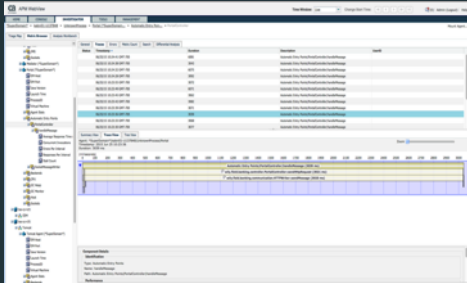
26 janvier 2016



Autres caractéristiques de CA APM 10

Smart Instrumentation :

Amélioration de la détection des points d'entrée



Browser-Side Agent

Integration Visuelle avec Mobile App Analytics



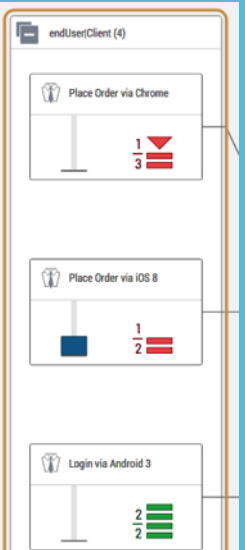
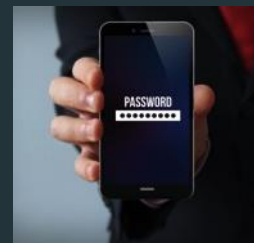
APM Command Center 1.1



Rechargement dynamique de la configuration du Domain

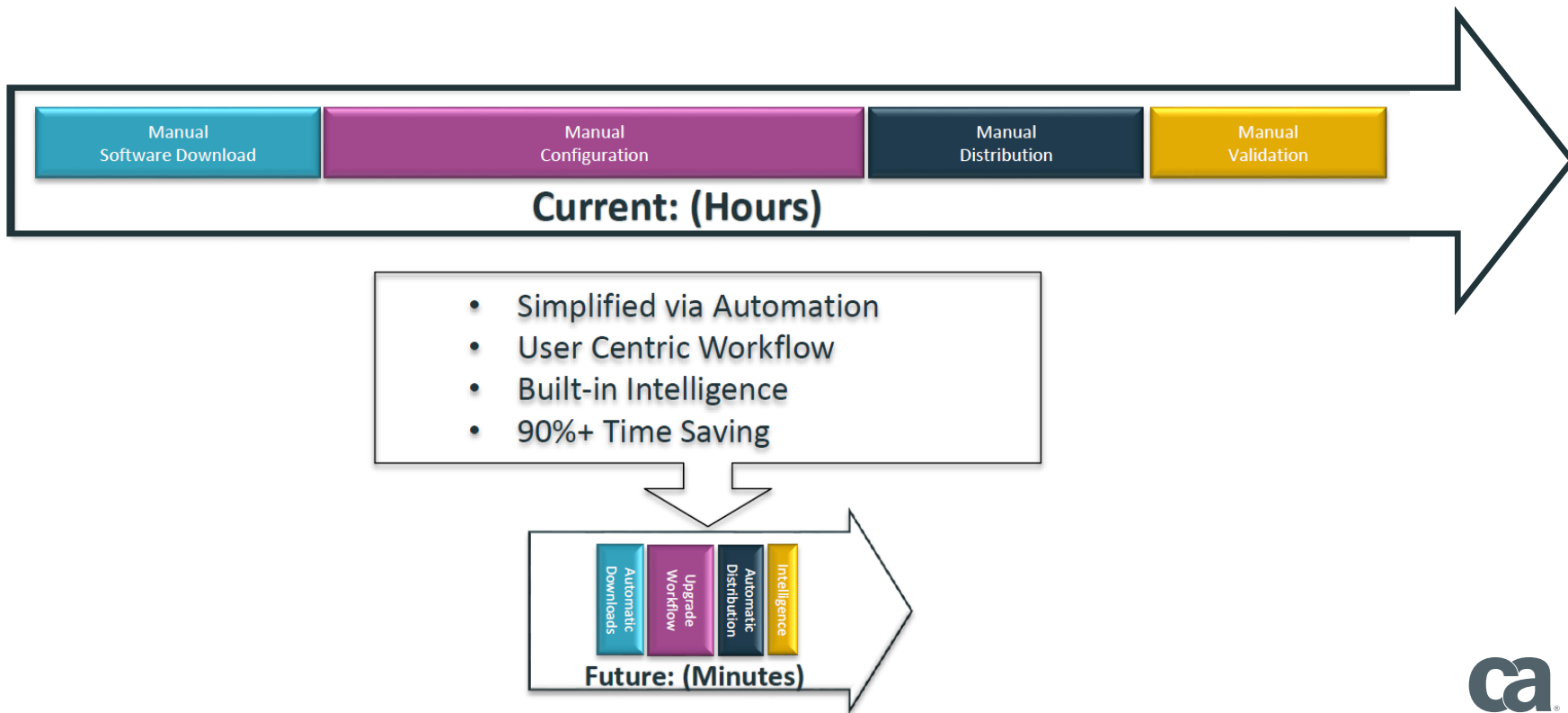
HTTP Correlation & REST support

SAML

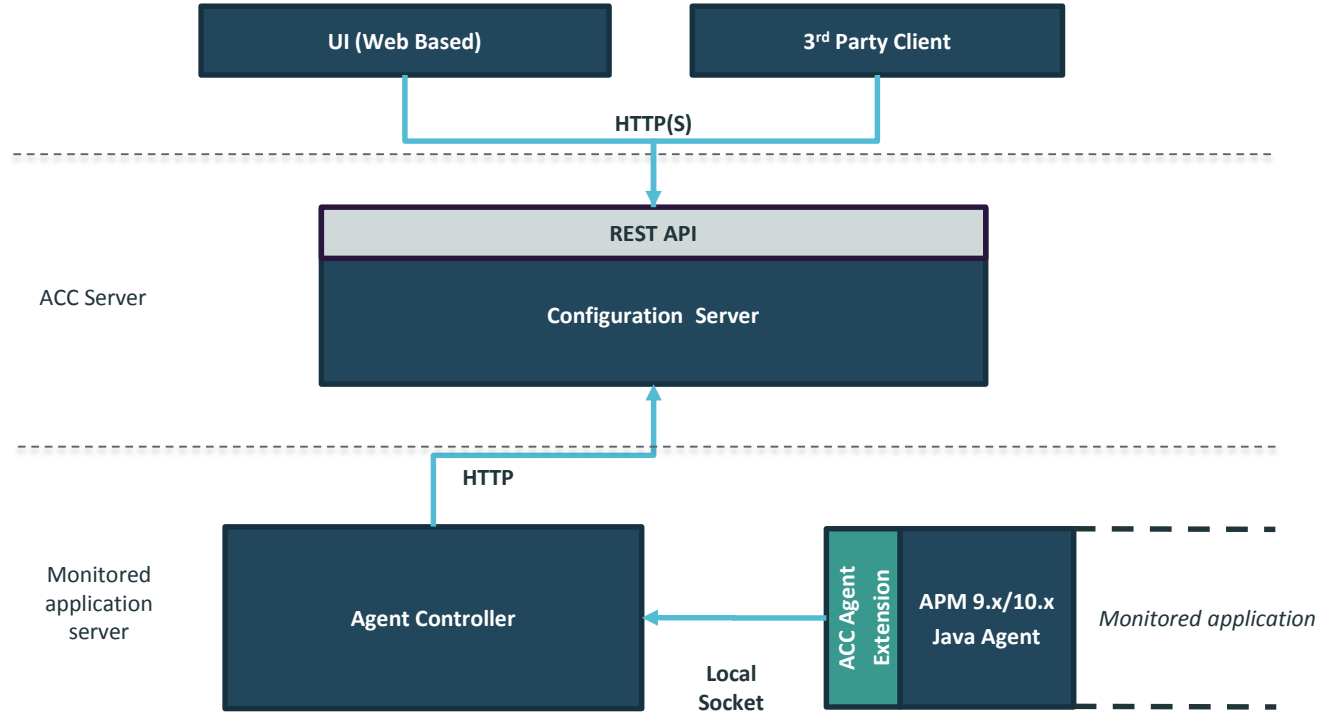


APM Command Center

Synthèse des Bénéfices



Architecture APM Command Center



APM Command Center : nouveautés 10.1

- ✓ Extension de la compatibilité technique
 - Solaris et OpenJDK7
- ✓ Augmentation de la scalabilité
 - Jusqu'à 20 000 Agents
- ✓ Mise à jour automatique de l'*Agent Controller*

Démonstration

APM Command Center – Interface graphique

The screenshot displays the CA APM Command Center web interface. The browser address bar shows the URL `https://accdemowin01:8443/#/home`. The page header includes the CA Technologies logo, the text "APM Command Center", a search bar, and a user profile dropdown labeled "User Demo". A left-hand navigation menu contains icons for Home, Agents, and Reports. The main content area is titled "Home" and features a "APM Command Center Summary" section. This section includes an "Information" box stating "5 Agents are active" and "Agents were contacted in the last 24 hours. Click the link to review [list of agents](#)." Below this is a "Latest Reports" section containing a table with three columns: "Name", "Requested At", and "Completed In".

Name	Requested At	Completed In
reema03-us1 UnknownProcess jsg-lisbon.Tomcat\$()@#_Agent-TT-11	3/2/2015 14:26:10	❗ Completed with Error
ACCDemoLinux01 Tomcat Tomcat Agent-10	3/2/2015 13:20:25	3 seconds
ACCDemoLinux01 Tomcat Tomcat Agent-9	3/2/2015 13:20:21	3 seconds
ACCDemoLinux01 Tomcat Tomcat Agent-8	3/2/2015 13:20:10	3 seconds
ACCDemoLinux01 Tomcat Tomcat Agent-7	3/2/2015 13:19:59	4 seconds

APM Command Center – Interface graphique

The screenshot displays the APM Command Center web interface. The browser address bar shows the URL: `https://accdemowin01:8443/#/agents?id=4&filter=status:ACTIVE`. The interface has a dark blue sidebar on the left with navigation links: Home, Agents, and Reports. The main content area is divided into two panels. The left panel, titled "5 Agents", contains a table listing active agents. The right panel, titled "Tomcat Agent", provides detailed information about the selected agent, including its status, metrics, environment details, and a list of diagnostic reports.

Agents Table:

Server	Process	Agent
reema03-us1	UnknownPro...	isg-lisbon.Tomcat...
84d502983d17	Tomcat	Tomcat Agent
a521e66db944	Tomcat	Tomcat Agent
ACCDemoLi...	Tomcat	Tomcat Agent
ACCDemoWi...	Tomcat	Tomcat Agent

Tomcat Agent Details:

Agent Status: Active. Agent was contacted in the last 24 hours.
Number of Metrics: 59
Enterprise Manager: ACCDemoWin01:5001

Environment:

JVM	Oracle Corporation
JVM Version	1.7.0
App Server	Apache Tomcat
App Server Version	5.5.34.0
OS	Red Hat Enterprise Linux Server
OS Version	6.1, kernel 2.6.32-131.0.15.el6.x86_64

Diagnostic Reports:

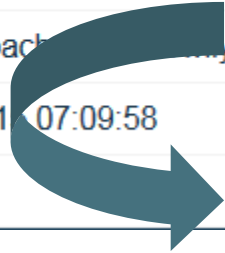
Name	Requested At	Completed In
ACCDemoLinux01 Tomcat Tomcat Agent-13	3/2/2015 14:38:42	3 seconds
ACCDemoLinux01 Tomcat Tomcat Agent-10	3/2/2015 13:20:25	3 seconds
ACCDemoLinux01 Tomcat Tomcat Agent-9	3/2/2015 13:20:21	3 seconds

[Generate Report](#)

APM Command Center – Interface graphique

Accès au fichier *IntroscopeAgent.profile*

Agent Profile	
Name	IntroscopeAgent.profile
Directory	/opt/apache-tomcat-7.0.60/bin/conf/
Date Modified	3/2/2015 07:09:58
Size (KB)	81



```
1 #####
2 #
3 # Introscope AutoProbe and Agent Configuration
4 #
5 # CA Wily Introscope(R) Version 99.99.0.agc Release 99.99.0.agc
6 # Copyright (c) 2014 CA. All Rights Reserved.
7 # Introscope(R) is a registered trademark of CA.
8 #####
9
10 #####
11 # AutoProbe Properties #
12 #####
13
14 #####
15 # On/Off Switch
16 #
17 # =====
18 # This boolean property gives you the ability to disable
19 # Introscope AutoProbe by settings the property value
20 # to false.
21 # You must restart the managed application before changes to this pr
22
23 introscope.autoprobe.enable=true
24
25 #####
```

APM Command Center – Interface graphique

Accès aux fichiers de logs

Log Files

Name	Date Modified
IntroscopeAgent.log	3/2/2015 07:10:26 AM
AutoProbe.log	3/2/2015 07:10:26 AM



C:\Users\GUI\E06\AppData\Local\Temp\IntroscopeAgent.log.txt - Notepad++ [Administrator]

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

IntroscopeAgent.log.txt

```
1 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Agent Release 99.99.0.agg (Build 43)
2 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Using Java VM version "Java HotSpot(TM)
3 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Trying to load agent profile based on
4 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Trying to load file from /opt/apache-
5 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Loaded file from /opt/apache-tomcat/w
6 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Agent using old configuration (introsco
7 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Canonical Key Map Thread Local (intro
8 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Thread priority (introscope.agent.thr
9 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Agent Transaction Trace Limit (introsco
10 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Configuration property (introscope.ag
11 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Configuration property (introscope.ag
12 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Configuration property (introscope.ag
13 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Configuration property (introscope.ag
14 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Configuration property (introscope.ag
15 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Agent Metric Aging (introscope.agent.i
16 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Agent Metric Aging Interval (introsco
17 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Agent Metric Aging Data Chunk (intros
18 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Agent Metric Aging Exclusion List (in
19 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Agent Metric Agent Timeslice Interval
20 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] Looking for agent profile property "i
21 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] The agent extensions directory /opt/a
22 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] EagerClassLoader(ProbeBuilder.jar): P
23 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] EagerClassLoader(DynInstrSupport15.ja
24 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] EagerClassLoader(DynInstrBootstrap.ja
25 2/03/15 06:10:26 AM GMT [INFO] [IntroscopeAgent.Agent] EagerClassLoader(BasicDirectiveLoader
```

Normal text file length: 56771 lines: 429 Ln: 1 Col: 1 Sel: 0 | 0 UNIX UTF-8 w/o BOM INS

APM Command Center – Interface graphique

Accès aux fichiers de configuration PBD

Probe Builder Directives

Name	Date M
tomcat-typical.pbl	23/1/20
toggles-typical.pbl	23/1/20
required.pbd	23/1/20
apm-common.pbd	23/1/20
java7socket.pbd	23/1/20
java6socket.pbd	23/1/20
jvm.pbd	23/1/20
j2ee.pbd	23/1/20
java2.pbd	23/1/20
struts.pbd	23/1/20
taolibs.pbd	23/1/20



C:\Users\GUIJE06\AppData\Local\Temp\tomcat-typical.pbl.txt - Notepad++ [Administrator]

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

tomcat-typical.pbl.txt

```
1 #####
2 # Introscope ProbeBuilder List File
3 #
4 # Version: 99.99.0.acc
5 # Build: 43
6 #
7 # CA Wily Introscope(R) Version 99.99.0.acc Release 99.99.0.acc
8 # Copyright (c) 2014 CA. All Rights Reserved.
9 # Introscope(R) is a registered trademark of CA.
10 #####
11
12 #####
13 # This file contains a list of ProbeBuilder directives files. #
14 # These files contain the ProbeBuilder directives used when #
15 # adding probes into Apache Tomcat Application Server 5.5.x, #
16 # 6.0.x or 7.0.x. #
17 #####
18
19 #####
20 # List Title
21 # =====
22
23 Title: Apache Tomcat Application Server [Typical - Optimized] (5.5.x, 6.0.x, 7.0.x)
24
25
26 #####
```

Normal text file length : 2304 lines : 81 Ln : 1 Col : 1 Sel : 0 | 0 Dos\Windows UTF-8 w/o BOM INS

APM Command Center – Interface graphique

Générer un package complet des logs, configuration et information de l'Agent

ACCDemoLinux01|Tomcat|Tomcat Agent-13

Diagnostic Report

Report Name	ACCDemoLinux01 Tomcat Tomcat Agent-13
Requested At	3/2/2015 14:3
Completed In	3 seconds
Status	Completed s

Opening ACCDemoLinux01_Tomcat_Tomcat+Agent-13-20150203-1338... 

You have chosen to open:

 ...moLinux01_Tomcat_Tomcat+Agent-13-20150203-133842.zip
which is: WinRAR ZIP archive (179 KB)
from: https://accdemowin01:8443

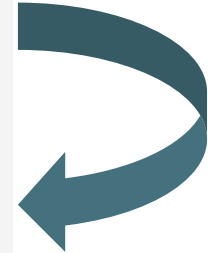
What should Firefox do with this file?

☒ Open with 7-Zip File Manager (default) 

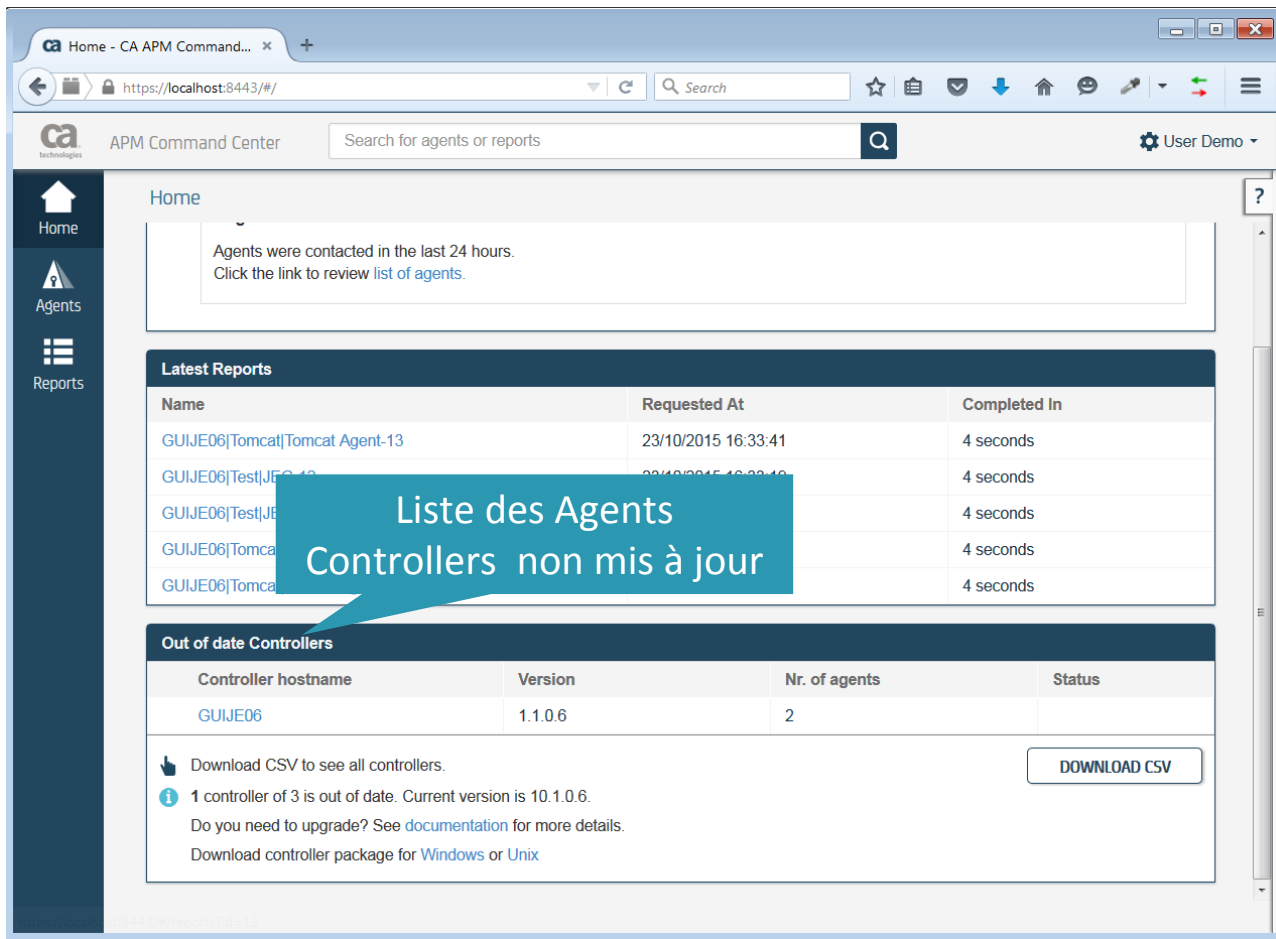
☐ Save File

☐ Do this automatically for files like this from now on.

OK Cancel



Mise à jour automatique de l'Agent Controller



The screenshot shows the CA APM Command Center interface. The top navigation bar includes the CA logo, the text 'APM Command Center', a search bar, and a 'User Demo' dropdown. The left sidebar contains icons for 'Home', 'Agents', and 'Reports'. The main content area is divided into two sections: 'Latest Reports' and 'Out of date Controllers'.

Latest Reports

Name	Requested At	Completed In
GUIJE06[Tomcat Tomcat Agent-13]	23/10/2015 16:33:41	4 seconds
GUIJE06[Test JEE-13]	23/10/2015 16:33:41	4 seconds
GUIJE06[Test JEE-13]	23/10/2015 16:33:41	4 seconds
GUIJE06[Tomcat Tomcat Agent-13]	23/10/2015 16:33:41	4 seconds
GUIJE06[Tomcat Tomcat Agent-13]	23/10/2015 16:33:41	4 seconds

Out of date Controllers

Controller hostname	Version	Nr. of agents	Status
GUIJE06	1.1.0.6	2	

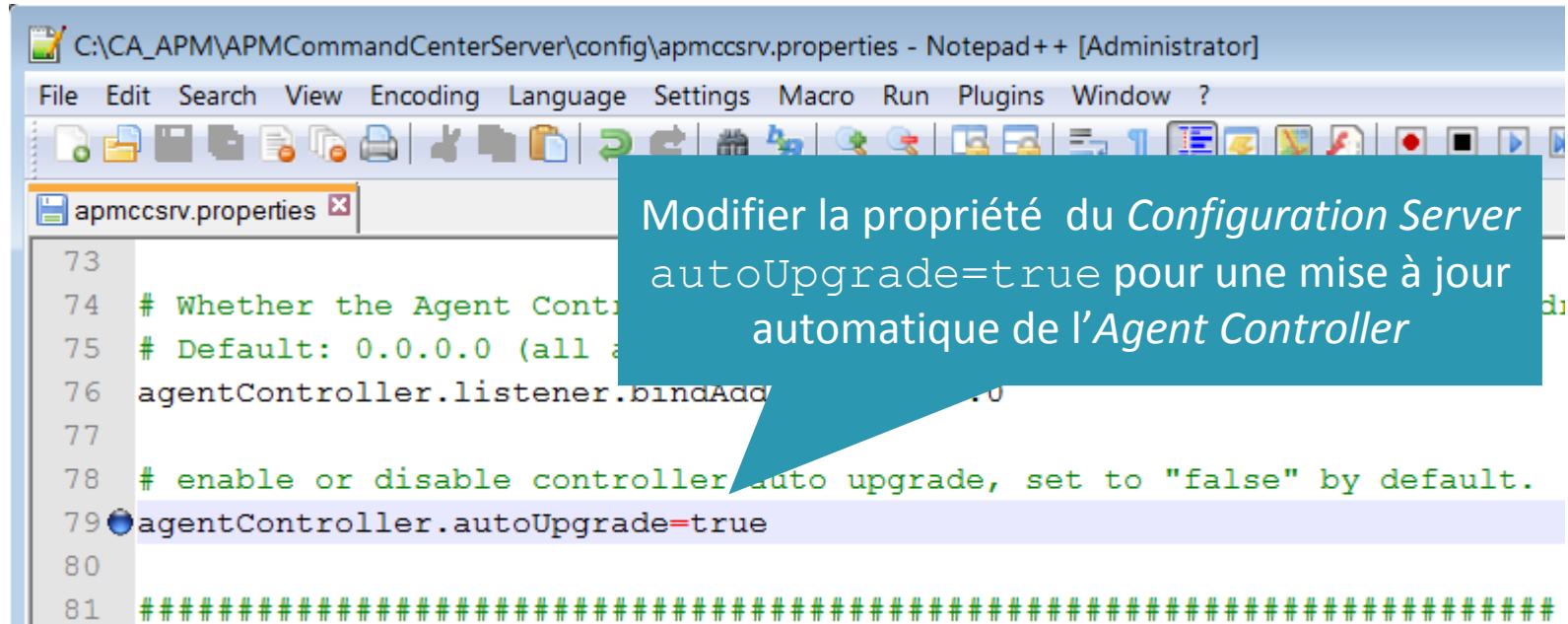
Download CSV to see all controllers.

1 controller of 3 is out of date. Current version is 10.1.0.6.
Do you need to upgrade? See [documentation](#) for more details.
Download controller package for [Windows](#) or [Unix](#)

[DOWNLOAD CSV](#)

Liste des Agents Controllers non mis à jour

Mise à jour automatique de l'*Agent Controller*



```
C:\CA_APM\APMCommandCenterServer\config\apmccsrv.properties - Notepad++ [Administrator]
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
apmccsrv.properties
73
74 # Whether the Agent Controller auto upgrade is enabled or not.
75 # Default: 0.0.0.0 (all addresses)
76 agentController.listener.bindAddress=0.0.0.0
77
78 # enable or disable controller auto upgrade, set to "false" by default.
79 agentController.autoUpgrade=true
80
81 #####
```

Mise à jour automatique de l'*Agent Controller*

Out of date Controller

Controller host	Nr. of agents	Status
 GUIJE06	2	Disconnected

 Download CSV to see controllers.

 Controller upgrade in progress.

 **1** controller of 3 is out of date. Current version is 10.1.0.6.
Do you need to upgrade? See [documentation](#) for more details.
Download controller package for [Windows](#) or [Unix](#)

DOWNLOAD CSV

RETRY

Agent Controller en cours de mise à jour automatique

Mise à jour automatique de l'*Agent Controller*

Tous les *Agents Controllers*
sont à jour

Out of date Controllers

-  All controllers are up to date. Current version is 10.1.0.6.
Download controller package for [Windows](#) or [Unix](#)



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