AppSense[®]

Environment Manager Troubleshooting and Debugging

user environment management[™]



Environment Manager

Policy

Troubleshooting and Debugging

user environment management[™]

Common Questions

- "Nothing happens at logon"
- "The users drive is not being mapped"
- "The desktop is not being redirected"
- "The users icons are not on the desktop"
- The Environment Vars are not being set
- "The user doesn't get all the policy actions applied"



Possible reasons for EM Policy not working..

An issue with the deployment and the AppSense software

Or

• A problem with the configuration and the environment we are running in....



Possible reasons for EM Policy not working..

- There is no licence installed in the Management Centre or target machine
- Machine is not in the correct deployment group
- The deployment group has not been assigned the EM Agent or config
- The config being used is not being updated on the client machine
- The agent or config has downloaded but not been installed on the client machine
- EM Agent.exe is not running on the target machine
- EM Notify is not running and is not getting messages from winlogon
- EM Agent is running, but it is not starting an EMAgentAssist.exe for each user
- EM is running under the SYSTEM account, but in the context of the user and the user does not have access to map to the printer/drive in question



Check the licence

🏺 http://apbkamcv8/ManagementServer - Local User - Management Console 📃 🗖 🗙								
Management Console	¢ vs.0.705.0				0			
Enterprise Licensing 🛛 🛛 🛠	Enterprise Licensing							
	License Code	Activation Code 503A4B91	Description AppSense Management Suite 8.0 Server License	Actions Add License Delete License Edit License Activate License Import Licenses Export Licenses Refresh Help	*			
Home	License State: Expire Expiry Date: 20/10 Description: AppSe	001-492D2205-584C334 d /2009 (0 days) ense Management Suite 8 res 26 Nov 2008 (0 Days	3.0 Evaluation License					

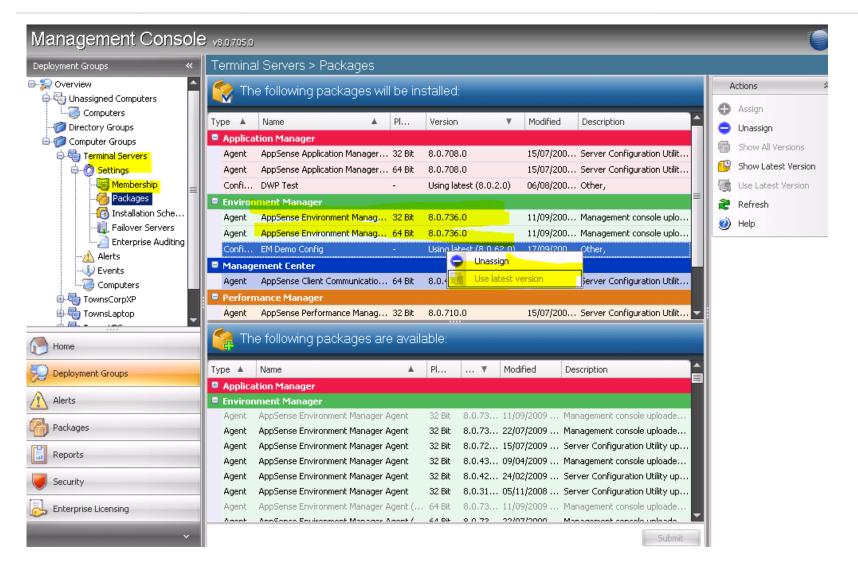
AppSense® Company Confidential

Confirm machine has been deployed to

Deployment Groups 🛛 🔸	Terminal Se	ervers > Com	puters			
- 💭 Overview	Name	Alerts	Platform	Last Response	Diagnostics State	
🖨 🚭 Unassigned Computers	C APBKTS01	6	32-bit	20/10/2009 15:37:38	Completed	
Computers	MPBKTS02	7	64-bit	20/10/2009 15:38:11	Completed	
🖻 🧭 Computer Groups						
Contract Servers						
🔁 🕜 Settings						
<u>()</u> Alerts () Events						
E Compacers						
.						
🖽 🦛 TownsLaptop						
🖶 🚭 TownsLaptop 🖶 🧠 TownsXPS						
바~雪 TownsLaptop 한국급 TownsXPS 한국급 Windows Vista Machines						
🖶 🚭 TownsXPS						
🖶 🚭 TownsXPS 🖶 🍓 Windows Vista Machines	1					
한 특히 TownsXPS 한 특히 Windows Vista Machines 한 특히 Windows XP Machines	Alerts Event	s Packages	Computer Details	s Diagnostics		
⊕	Alerts Event		Computer Details	s Diagnostics Product	Installation Status	
· 특 · 특 TownsXPS · 특 · 특 Windows Vista Machines · · 특 Windows XP Machines	Name		Version		Installation Status	
Home	Name	rformance M 8	Version	Product		_
한 특히 TownsXPS 한 특히 Windows Vista Machines 한 특히 Windows XP Machines	Name MapSense Pe	rformance M 8	Version 3.0.710.0 3.0.7.0	Product Performance Manager	Installed	
Home	Name MapSense Pe PM Config AppSense En	rformance M 8	Version 3.0.710.0 3.0.7.0 3.0.736.0	Product Performance Manager Performance Manager	Installed Installed	
Home Deployment Groups Alerts	Name MapSense Pe PM Config AppSense En	rformance M 8 vironment M 8 oplication Ma 8	Version 3.0.710.0 3.0.7.0 3.0.736.0	Product Performance Manager Performance Manager Environment Manager	Installed Installed Installed	
Home Deployment Groups	Name MappSense Pe PM Config AppSense En MapSense AppSense AppS	rformance M 8 vironment M 8 oplication Ma 8 8	Version 3.0.710.0 3.0.7.0 3.0.736.0 3.0.708.0	Product Performance Manager Performance Manager Environment Manager Application Manager	Installed Installed Installed Installed	



Confirm correct packages and latest version...





The agent or config has downloaded but not been installed on the client machine

C:\Program Files\AppSense\M	1anagement Center\Communications Agent\download		
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> o	<u>Eile E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp		
🔇 Back 👻 🕥 👻 🦻 Search	Folders 🛛 🛄 🗸		
Address 🗁 C:\Program Files\AppSei	nse\Management Center\Communications Agent\download		💌 🔁 Go
Search Companion	< Name A	S	ize Date Modified
	📕 📃 980a0a8b-b4ec-4b90-a6ac-9bbd1c2168c0_8.0.3.0.log	103	KB 3/4/2009 11:3
	📃 🗒 29207f55-5a05-44bd-8ddc-1a95f4ce979a_8.0.206.0.log	270	KB 10/10/2008 5:
Search by any or all of	🗐 29207f55-5a05-44bd-8ddc-1a95f4ce979a_8.0.300.0.log	462	KB 10/16/2008 1:
the criteria below.	🔋 🗐 29207f55-5a05-44bd-8ddc-1a95f4ce979a_8.0.311.0.log	485	KB 11/5/2008 11:
All or part <u>of</u> the file name:	🔋 29207f55-5a05-44bd-8ddc-1a95f4ce979a_8.0.426.0.log	273	KB 6/30/2009 12:
	29207f55-5a05-44bd-8ddc-1a95f4ce979a_8.0.720.0.log	518	KB 7/15/2009 3:4
A word or phrase in the file:	29207f55-5a05-44bd-8ddc-1a95f4ce979a_8.0.732.0.log	461	KB 7/22/2009 10:
	29207f55-5a05-44bd-8ddc-1a95f4ce979a_8.0.736.0.log	470	KB 9/11/2009 3:3
	😽 29207f55-5a05-44bd-8ddc-1a95f4ce979a_8.0.736.0.msi	4,374	KB 9/11/2009 3:1
Look in:	99187a22-3c0a-45bb-ac17-4f839d40dbc1_8.0.0.0.log	128	KB 10/24/2008 11
🖙 al Hard Drives (C:;Q:) 🔻	99187a22-3c0a-45bb-ac17-4f839d40dbc1_8.0.1.0.log	227	KB 10/24/2008 11
,	99187a22-3c0a-45bb-ac17-4f839d40dbc1_8.0.2.0.log	226	KB 10/24/2008 12
When was it modified?	99187a22-3c0a-45bb-ac17-4f839d40dbc1_8.0.3.0.log	226	KB 2/24/2009 11:
What size is it?		🙀 AppSense Environment Mana	ger Agent (32 Bit) 8.0.736.0 Set
07f55-5a05-44bd-8ddc-1a95f4ce979a_8.0.736.0.log - Notepad		A	AppSense Environment M
dit F <u>o</u> rmat <u>Vi</u> ew <u>H</u> elp erbose logging started: 9/11/2009 15:30:07 Bu ²	ild type: SHIP UNICODE 3.01.4000.4042 Ca		32 Bit) 8.0.736.0 Setup V
erbose logging started: 9/11/2009 15:30:07 Bu c) (F0:c4) [15:30:07:567]: Resetting cached pol ² c) (F0:c4) [15:30:07:567]: Machine policy value c) (F0:c4) [15:30:07:567]: ******* RunEngine: ******** Product: C:VProgram Files/AppSense	icy values 🗖 'Debug' is O		nterrupted
c) (F0:C4) [15:30:07:567]: ******* RunEngine: ******* Product: C:\Program Files\AppSense	e\Management Center\Communications Agent\		
******* Action: ******* CommandLine: **********			ppSense Environment Manager Agen
C) (F0:C4) [15:30:07:567]: Client-side and UI is c) (F0:C4) [15:30:07:567]: Grabbed execution mut c) (F0:C4) [15:30:07:583]: Cloaking enabled. c) (F0:C4) [15:30:07:583]: Cloaking enabled. c) (F0:C4) [15:30:07:598]: Incrementing counter c) (F0:C4) [15:30:07:598]: Coebbed execution mut	tex.		etup was interrupted. Your system h o install this program at a later time, j
c) (F0:C4) [15:30:07:583]: Attempting to enable c) (F0:C4) [15:30:07:583]: Incrementing counter	all disabled priveleges before calling I to disable shutdown - Counter after incre	in the second	stallation again. Click the Finish butto
S) (1C:80) [15:30:07:598]: Grabbed execution mut s) (1C:80) [15:30:07:598]: Besetting cached pol ²	tex. icv values	V. Alexandra de la Verte de	Vizard.
<pre>C (10:04) [15:30:07:598]: Grabbed execution mut s) (10:30) [15:30:07:598]: Resetting cached pol' s) (10:30; [15:30:07:598]: Rachine policy value s) (10:30; [15:30:07:598]; ******* RunEngine: ******** RunEngine:</pre>	'Ďebug' is O		
******* Action:	<pre>\Management Center\Communications Agent\</pre>		
kkkkkkk Command inc. kkkkkkkkkk	DisableUserInstalls' is 0		
s) (1C:3C) [15:30:07:598]: Machine policy value s) (1C:3C) [15:30:07:598]: File will have secur s) (1C:3C) [15:30:07:989]: SOFTWARE RESTRICTION s) (1C:3C) [15:30:07:989]: Note: 1: 2262 2: DDis s) (1C:3C) [15:30:07:989]: Note: 1: 2262 2: DDis	ity applied from OpCode. POLICY: Verifying package> 'C:\Progra		
2) (TC:2C) [T2:30:0(:884]: Note: T: 5565 5: DD0	gitalsignature 3: -214/28/038		
		AppSense [®]	
			Back Einich

Einish

Check add remove programs on client machine

nove Programs			_ [
Currently installed programs:	Show up <u>d</u> ates	Sort by: Name	
🎆 AppSense Application Manager Agent (32 Bit)	8.0.708.0	Size	<u>15.01MB</u>
Click here for support information.		Used	<u>rarely</u>
To remove this program from your computer, click Re	move.		Remove
🌍 AppSense Application Manager Configuration 'DWP Te	est' 8.0.2.0	Size	0.49MB
AppSense Client Communications Agent (32 Bit) 8.0.4	107.0	Size	3.81MB
AppSense Environment Manager Agent (32 Bit) 8.0.7	3 <mark>6.0</mark>	Size	8.83MB
🛃 AppSense Environment Manager Configuration 'EM De	emo Config' 8.0.62.0	Size	0.00MB
AppSense Performance Manager Agent (32 Bit) 8.0.7	10.0	Size	5.40MB
🙀 AppSense Performance Manager Configuration 'PM Co	onfig' 8.0.7.0	Size	0.46MB
😏 Citrix MetaFrame Presentation Server for Windows		Size	76.85MB
🛑 EMUtilsInstaller		Size	24.37MB
🛃 Java 2 Runtime Environment, SE v1.4.2_06		Size	137.00MB
💌 MetaFrame Presentation Server - Administration Snap	p-in	Size	81.18MB
iii Microsoft Application Virtualization Terminal Services (Ilient	Size	39.43MB
强 Microsoft Office Standard Edition 2003		Size	226.00MB
🔀 Microsoft Visual C++ 2005 Redistributable		Size	5.21MB
🔀 MSXML 4.0 SP2 (KB936181)		Size	2.62MB
🕮 MSXML 4.0 SP2 (KB954430)		Size	2.67MB



Check the services tab and make sure that both AppSense Environment Manager Agent and EM Notify Services are enabled and started.

🍇 Services							
<u>Eile Action View H</u> elp							
🇠 Services (Local)	Name 🛆	Description	Status	Startup Type	Log On As		
	Alerter	Notifies sel		Disabled	Local Service		
	Application Experience Lookup Service	Process ap	Started	Automatic	Local System		
	Application Layer Gateway Service	Provides s		Manual	Local Service		
	Replication Management	Processes i		Manual	Local System		
Application Virtualization Client		Streams an	Started	Automatic	Local System		
Application Virtualization Service Agent		Monitors gl	Started	Manual	Local System		
	AppSense Application Manager Agent	Restricts a	Started	Automatic	Local System –		
	AppSense Client Communications Agent	Manages c	Started	Automatic	Local System		
	Republication Service	Notifies Ap	Started	Automatic	Local System		
	Republication AppSense Environment Manager Agent	Sets up an	Started	Automatic	Local System		
	RepSense Performance Manager Agent	The AppSe	Started	Automatic	Local System		
	AppSense Watchdog Service	Monitors a	Started	Automatic	Local System		
	Automatic Updates	Enables th	Started	Automatic	Local System		
	🖏 Background Intelligent Transfer Service	Transfers f	Started	Manual	Local System		
	Citrix CPU Utilization Mgmt/Resource Mgmt	Manages r		Manual	Local System		



Check Task Manager on client machine and confirm EMAgent.exe is running

Applications Processes Performance Networking Users								
Image Name	User Name	Session ID	CPU	Mem Usage	-			
AMAgent.exe	SYSTEM	0	00	13,928 K				
Cca.exe	SYSTEM	0	00	11,076 K				
CdfSvc.exe	NETWORK SERVICE	0	00	3,324 K				
cdmsvc.exe	SYSTEM	0	00	2,588 K				
CpSvc.exe	Ctx_SmaUser	0	00	3,656 K				
csrss.exe	SYSTEM	0	00	3,540 K				
csrss.exe	SYSTEM	1	00	2,556 K				
ctfmon.exe	administrator	1	00	1,128 K				
ctxxmlss.exe	SYSTEM	0	00	2,508 K				
EMAgent.exe	SYSTEM	0	00	7,128 K				
EMAgentAssist.exe	SYSTEM	0	00	7,272 K				
EMAgentAssist.exe	SYSTEM	1	00	11,660 K				
EMNotify.exe	SYSTEM	0	00	3,876 K				
encsvc.exe	SYSTEM	0	00	2,288 K				
explorer.exe	administrator	1	00	18,920 K				
icabar.exe	administrator	1	00	1,716 K				
ImaSrv.exe	SYSTEM	0	00	25,764 K				
logon.scr	LOCAL SERVICE	0	00	336 K				
Isass.exe	SYSTEM	0	00	9,368 K				
Iserver.exe	SYSTEM	0	00	9,648 K				
mfcom.exe	SYSTEM	0	00	5,860 K				
msdtc.exe	NETWORK SERVICE	0	00	4,616 K				
mshta.exe	administrator	1	00	5,872 K				
msiexec.exe	SYSTEM	0	00	1,840 K				
notepad.exe	administrator	1	00	1,380 K	-			
Show processes I	rom all users			End Pro				

Check Task Manager whilst logged on as the user – There should be at least 2 EMAgent Assist .exe running – one for the system, one per session

NOTE! There will be 2 EM AgentAssists per session on a 64bit OS



Place "test" - Place a shortcut on the desktop

Untitled* - Environment Manager		
Home Nodes Actions Conditions Lockdown		0
Image: Copy Paste Im	-	
Policy Configuration		
Actions Action Action Reusable Conditions Reusable Conditions Startup Shutdown Process Started Session Disconnected	Enabled	Stop if fails
		.:





"BUT I HAVE DONE ALL THAT SIMON!...

and EM Policy is STILL not applying..."

It's a problem with the configuration and the environment we are running in....

user environment management™

Enable Logging

AppSense Environ	ment Manager Agent Properties (Local Comp 💾 🗙						
General Log On	Recovery Dependencies						
Service name:	AppSense Environment Manager Agent						
Display <u>n</u> ame:	AppSense Environment Manager Agent						
<u>D</u> escription:	Sets up and maintains the system and user						
Pat <u>h</u> to executabl "C:\Program Files	le: s\AppSense\Environment Manager\Agent\EMAgent.exe''						
Startup typ <u>e</u> :	Automatic						
Service status:	atus: Stopped						
<u>S</u> tart	Stop <u>P</u> ause <u>R</u> esume						
You can specify the start parameters that apply when you start the service from here.							
Start parameters: log c:\emlogs							
	OK Cancel Apply						



	AppSense Environment Manager 8 Debug Setup Tool
EM Logger tool	User APPSENSEBK\administrator Is Administrator YES Debugging is now ON. Enter settings and click OK to save to the registry.
💳 C:\Program Files\EMUtils	Policy Profile Options
<u>File Edit View Favorites Tools Help</u>	
😮 Back 🔻 🕘 👻 🥬 🔎 Search 🜔 Folders 🛛 🔠 🕶	Log Directory c <mark>:\emlogs</mark>
Address 🛅 C:\Program Files\EMUtils	
Name File and Folder Tasks Name DevExpress, Charts, v8.3, Core, dll	Log Detail
Rename this file Solution Rename this file Solution	Mandatory
Move this file	
Copy this file	EMNotify Log EMAgent Log
Publish this file to the Web	
E-mail this file	Optional
Delete this file	EMAgentAssist Logs
DevExpress/httd2/jodr/ofordi	EMAgentAssist Actions Logs
Other Places 🖈 DevExpress.XtraPivotGrid.v8.3.Core.dll	
Program Files Source Strapping Strapp	Lockdown Logs
My Documents	
Wy Computer	RSC Logs
My Network Places	
EM_DebugGUI.exe	
LogView.exe	
Details V 🗦 Readme.txt	OK Cancel
	OK Calico

- Use the tool when troubleshooting Machine Start Up Actions as it set reg keys which will not be forgotten post reboot
- Always enabled EMAgentAssist logs
- There is a seperate 64bit version



Collect the logs

🗁 C:\emlogs							
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp							
🕒 Back 🝷 🕥 🖌 🏂 Search 🔊 Folders 🛛 🕼 🎲 🗙 🍤 💷 🗧							
Address C:\emlogs							
Name 🔺	Size	Туре	Date Modified	Attributes			
PVCloader		File Folder	06/03/2009 20:35				
EM_Config_Session-0_Pid-548.log	291 KB	Text Document	06/03/2009 20:35	А			
EM_Config_Session-1_Pid-4152.log	145 KB	Text Document	06/03/2009 20:35	А			
EMAgent.log	14 KB	Text Document	06/03/2009 20:35	А			
EMAgentAssist_Session-0_Pid-548.log	136 KB	Text Document	06/03/2009 20:35	А			
EMAgentAssist_Session-1_Pid-4152.log	107 KB	Text Document	06/03/2009 20:35	А			

- Match the user to the session ID and look into the EM Agent Config logs
- EM_Config_Session log shows the POLICY errors Use the EM Log viewer to analyse errors
- Run reports to see what the timings of logon are.



View the Config Session log....

EM_Config_Session-2_Pid-5364.log - Notepad

D LT_CONNCSSION_Z_TO_SOUNDY NOCEPau	
<u>File E</u> dit F <u>o</u> rmat <u>V</u> iew <u>H</u> elp	
L10 T3920 37908921 [CConfigObject::RaiseAuditingEvent] Raising event to Auditing system L10 T3920 37908921 [CConfigObject::RaiseAuditingEvent] Start time: 2009-10-21 11:32:31.0218	
L10 T3920 37908921 [CConfigOb]ect::RaiseAuditingEvent] Duration: 111 ms	
L10 T3920 37908921 [CConfigObject::RaiseAuditingEvent] User Token: 764 – sid: S-1-5-21-1106967183-2838695684-1123011392-1120	
L10 T3920 37908921 [CConfigOb]ect::RaiseAuditingEvent] Started Audit details for <9405> at <>	
L10 T3920 37908921 [CConfigObject::RaiseAuditingEvent] Time=	
NodeName=Set User Env Vars\All Users	
StartTime=2009-10-21 11:32:31.0218	
Duration=111	
Computer=APPSENSE-TS	
Action=Create Folder_ '\\AppSense-DC\userdata\finance\My_Documents\My Videos\'	
L5 T3920 37908921 [EM::Config::CActionThreadWorker::ApplyAction] stop applying object: C6837F17-7E82-4FDB-8BCC-A2F25FDE3C25.	
L10 T3920 37908921 [EM::Config::CActionThreadWorker::RunActionObject] Desktop refresh is not required	
L2 T3920 37908921 [CTaskChecKList::TickTask] Task rule count for 0x020885b0 decremented with task C6837F17-7E82-4FDB-8BCC-A2F2	
L5 T3920 37908921 [EM::Config::CActionThreadWorker::RunActionObject] Checking dependency list for task_C6837F17-7E82-4FDB-8BCC	-A2F25FDE3C2
L5 T3920 37908921 [EM::Config::CActionThreadWorker::RunActionObject] Scheduling dependants for task_C6837F17-7E82-4FDB-8BCC-A2	F25FDE3C25
L5 T5972 37908921 [CFolderobject::DMFolderCreate] INFO:Creating sub folder \\\Appsense-DC\userdata\finance\My Documents\My Mus	1C/
L5 T4252 37908921 [CFolderobject::DMFolderCreate] INFO:Creating sub folder '\\AppSense-DC\userdata\finance\Local Settings\Temp	orary intern
L1 T2592 37908921 [CFileobject::ApplyImpl] ERROR: FindFirstFile() failed for \\appsense-dc\ctodocs\CTODOC.rtf, error code=5	
L5 T2592 37908921 [Cconfig0bject::Revert] INFO:Reverting to SYSTEM	
L5 T2592 37908921 [CFileobject::ApplyImpl] APPLIED CFileobject:	
Name: \\appsense-dc\ctodocs\CTODOC.rtf	
Destination: \\appsense=dc\userdata\%username%\ctodoc.rtf	
Operation: COPY	
Overarite: true	
Force Delete: false	
Status: APPLIED FAILED	
L5 T2592 37908921 [EM::Config::CActionThreadWorker::ApplyAction] Stop applying task object: B1E0AE25-767A-41FC-9943-D4F20CD186	71.
L5 T2592 37908921 [EM::Config::CActionThreadWorker::ApplyAction] Checking if task B1E0AE25-767A-41FC-9943-D4F20CD18671 has una	pplv actions
L5 T2592 37908921 [EM::Config::CActionThreadWorker::ApplyAction] Checked if task B1E0AE25-767A-41FC-9943-D4F20CD18671 has unap	plv actions
L10 T2592 37908921 [CEMEnvironmentEx::GetUnescapedPercentStrings] GetUnescapedPercentStrings called with \\appsense-dc\ctodocs	
L10 T2592 37908921 [CConfigObject::ExpandProcessVariables] 0 unescaped vars about to be cleaned	
L10 T2592 37908921 [CConfigOb]ect::Expandstring] Expanded "\\appsense-dc\ctodocs\CTODoC.rtf" as user to	
"\\appsense-dc\ctodocs\CTODOC.rtf" as user to	
"\\appsense=dc\ctodocs\CTODOC.rtf"	
L10 T2592 37908921 [CConfigObject::MarkSlashesBetweenEnvvars] Found \ between enviroment var replacing with marker to check aft	er expand ne
	► /h

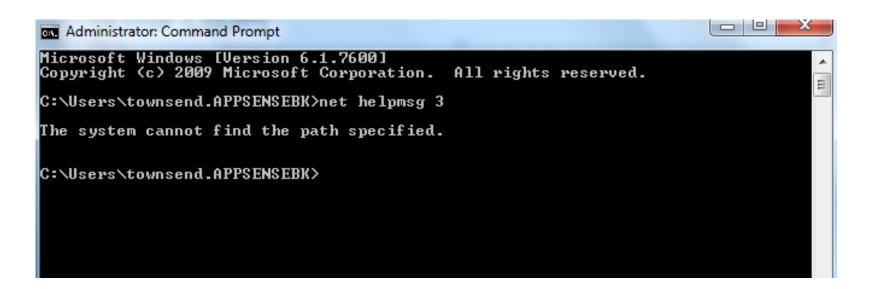
Search for "failed" or "error code="



Error Codes

- Error Code = 2
- Error Code = 3
- Error Code = 5
- Error Code = 53

- "file not found"
- "path not found"
- "access denied"
 - "network path not found"





Alternatively.....use the Log Viewer

1	L	og Viewe	er				
Π	Ŷ		7		🗟 🕵 💕 🚴		
	Load Hex View Time Reset Sorting Search Colours Reports Error Lookup						
Γ	ALL EM_Config_Session-1_Pid-4804						
	Drag a column header here to group by that column						
1	×	Level	Thread ID	Time	Module		
	F	0	568	01:04:25.718	[CDbgEntry::LoadSystemDetails()]	[CEMClientSyncSaxParser::LoadXMLData] [CEMEnvironmentEx::Add]	
		0	568	01:04:25.718	[CDbgEntry::LoadSystemDetails()]	[CEMEnvironmentEx::ExpandString]	
		<u> </u>		01:04:25.718	[CDbaEntry::LoadSystemDetails0] ~~~	[CEMEnvironmentEx::GetExclusiveAccess]	

• A graphical viewer for the logs which highlights difference threads (actions and criteria) and allows you to sort by time.



Log Viewer - Button Bar

ا 😒	Log View	er						
ſ	7. (3	. 2	🗟 🕵 🗭 👶				
l	.oad Hex	x View Time	Reset Sortin	ng Search Colours Reports Error Look	up)			
[ALL EM_Config_Session-1_Pid-4804							
Dr	Drag a column header here to group by that column							
×	Level	Thread ID	Time	Module				
Þ	0	568	01:04:25.718	[CDbgEntry::LoadSystemDetails()]	[CEMClientSyncSaxParser::LoadXMLData] [CEMEnvironmentEx::Add]			
	0	568	01:04:25.718	[CDbgEntry::LoadSystemDetails()]	[CEMEnvironmentEx::ExpandString]			
	. Q		01:04:25.718	[CDbaEstry::LoadSystemDetails0]	[CEMEnvironmentEx::GetExclusiveAccess]			

- Time -> Drop Down Options
 - Displays time and date in the time column Time & Date •
 - Time Only Displays only the time in the time column \bullet
 - Sync Time •
 - Zero Time •
- Replaces the time column with the tick count Synchronises the time to the selected log line Sets the first line to 0 and sync the rest to it
- **Reset Sorting**

Ticks

•

Resets the sorting back to the original load order •



Log Viewer - Button Bar (Search)

💕 Log Viewer	🗟 SearchDialog		
10. 🗇 🕻	Find (in log text):	Find Text	
Load Hex View T	Find Gaps (ms)	Find Gaps	
ALL EM_Config_Ses		Done	
Drag a column header h	Log Line		
× Level Thread ID			
▶ 0 5			axParser::LoadXMLData] tEx::Add]
0 5			ntEx::ExpandString]
La Carlo Barrows			tEx::GetExclusiveAccess]
rings up the Se			

• Find Text

•

- SQL Query of current view
- Find Gaps
 - Gaps in a thread's execution
- Results
 - Displays "clickable" list
 - When the dialog is closed the list can be traversed with F3 and Alt-F3



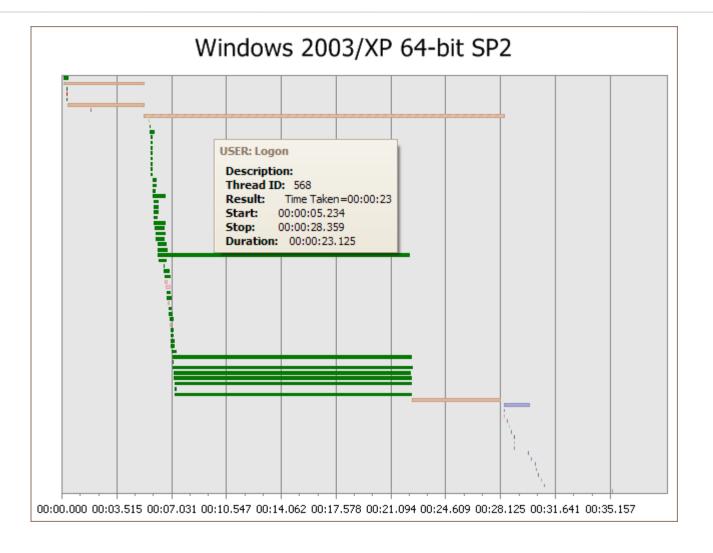
Log Viewer - Button Bar (Reports)

	<	💈 Log Viewe	er							
		Load Hex	x View Time) - 🤣 Reset Sortin	ig Search Colours Reports Frror Loo	kup				
		ALL EM_Config_Session-1_Pid-4804								
		Drag a column header here to group by that column								
		× Level	Thread ID	Time	Module					
		▶ 0	568	01:04:25.718	[CDbgEntry::LoadSystemDetails()]	[CEMClientSyncSaxParser::LoadXMLData] [CEMEnvironmentEx::Add]				
		0			[CDbgEntry::LoadSystemDetails()]	[CEMEnvironmentEx::ExpandString]				
		Q		01:04:25.718	[CDboEntry::LoadSystemDetails0]	[CEMEnvironmentEx::GetExclusiveAccess]				
•	Rep	orts								

- Best done on ALL (with Config Session and Agent Session Logs)
- Sorts data by time
- Displays the reports dialog

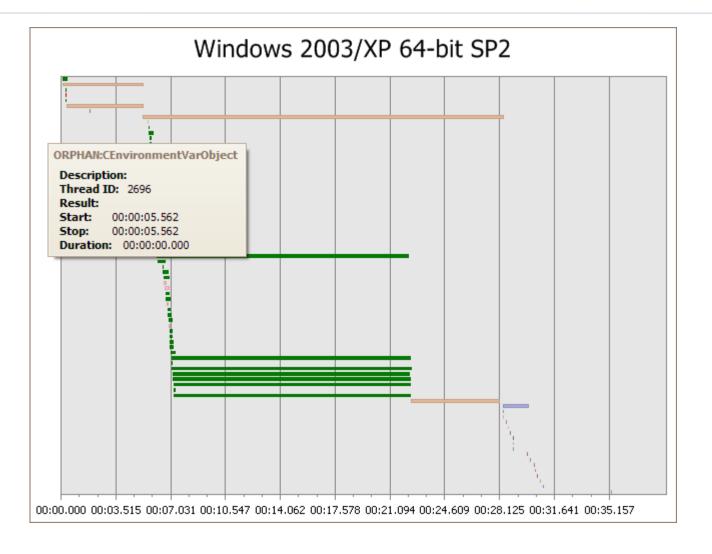


Log Viewer - Reports View



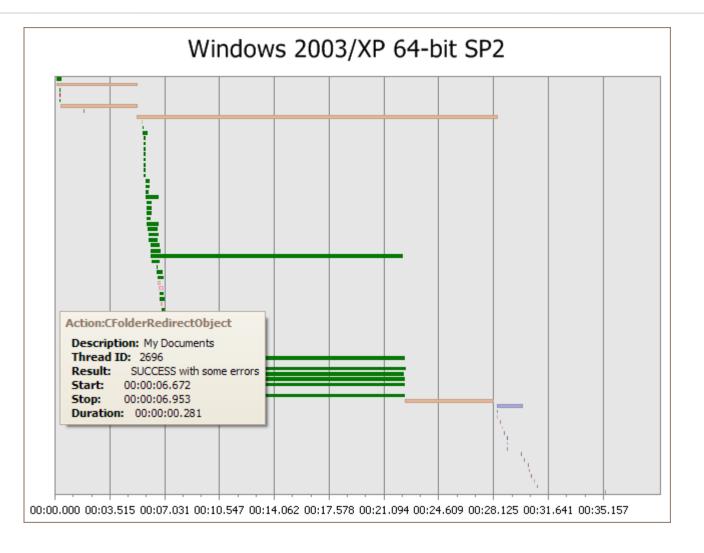


Log Viewer - Reports View





Log Viewer - Reports View





AppSense[®]

Demo

user environment management[™]



Environment Manager

Personalization

Troubleshooting and Debugging

user environment management[™]

Personalisation

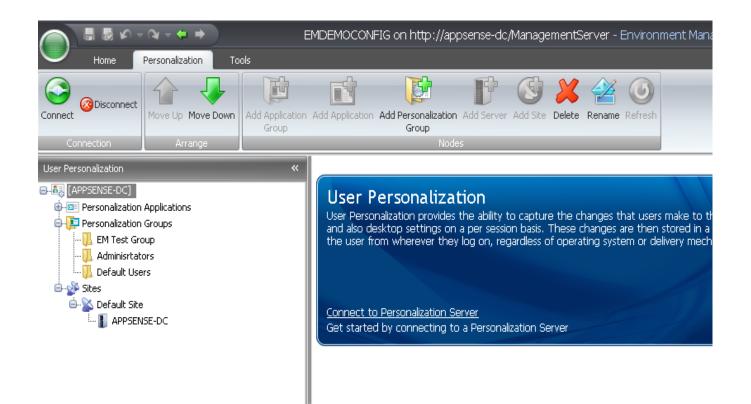
• Confirm you have enabled the Personalization Server in the Policy side of the configuration



	Select from: All	Servers	- 13 10	× • • •	
Location	Name	Server	Protocol	Port	
<u>,</u>	📜 APPSENSE-DC	appsense-dc	http	80	
Personalization Servers					



Confirm you have at least one site





How to test the Personalisation Server Connection

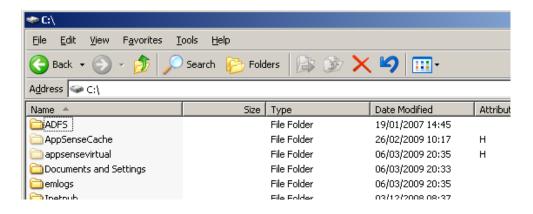
http://machinename/personalizationserver/status.aspx

€	http://apbkamcv8/personalizationserver/status.aspx		👻 😽 🗙 🚼 bubba shrimp		
Favorites	🌈 http://apbkamcv8/personalizationserver/status.a		🛐 🔻 🔝 👻 🚍 🔶 Page 🕶	Safety 🔻	Tools
<table by="" se<="" second="" th="" the=""><th>Successfully connected to the profile server The request uri is: http://apbkamcv8/perso The identity of the client is: The dns name of the client is: 192.168.16.24 The ip address of the client is: 192.168.16.24 The client's user identity authentication is: The client's request authentication is: False No data was received The database provider is :System.Data.Sql0 Using a secured connection string The database name (Initial Catalog) is: App The authentication type is: Impersonate The account credentials are encrypted and The configured db connection string without log=appsensepersonalisationserver;integra attempting to make a connection to the constant of the connection to the constant of the secure is a transmission of the connection to the constant of the constant of the constant of the connection to the constant of the</th><th>onal 02< 202 Fals Clier Clier Sen tat> will t created confientia</th><th><pre>lizationserver/status.aspx /stat> /stat> /stat> .se .se .se .sePersonalisationServer .</pre></th><th></th><th></th></table>	Successfully connected to the profile server The request uri is: http://apbkamcv8/perso The identity of the client is: The dns name of the client is: 192.168.16.24 The ip address of the client is: 192.168.16.24 The client's user identity authentication is: The client's request authentication is: False No data was received The database provider is :System.Data.Sql0 Using a secured connection string The database name (Initial Catalog) is: App The authentication type is: Impersonate The account credentials are encrypted and The configured db connection string without log=appsensepersonalisationserver;integra attempting to make a connection to the constant of the connection to the constant of the secure is a transmission of the connection to the constant of the constant of the constant of the connection to the constant of the	onal 02< 202 Fals Clier Clier Sen tat> will t created confientia	<pre>lizationserver/status.aspx /stat> /stat> /stat> .se .se .se .sePersonalisationServer .</pre>		



How to test the Personalisation Server Connection

- Check the client machine and look for the ProfileConfig.XML
 - C:\AppSenseCache\SID\ProfileConfig.XML



🗁 C:\appsensevirtual\5-1-5-21-1106967183-2838695684-1123011392-1105						
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u>	ools <u>H</u> elp					
🚱 Back 🔹 🕥 🚽 🏂 🔎 Search 🌮 Folders 🛛 😰 🍞 🗙 🍤 💷 🔹						
Address 🛅 C:\appsensevirtual\5-1-5-21-1106967183-2838695684-1123011392-1105						
Name 🔺 Size Type Date Modified Attributes						
Session1		File Folder	06/03/2009 15:29	Н		



Check the PVC has loaded..

	•
PVCload_s0-pid6108-t20995281.log - Notepad	
<u>File E</u> dit F <u>o</u> rmat <u>V</u> iew <u>H</u> elp	
T3940 20995281 Logging started T3940 20995281 Acquiring config T3940 20995281 Sending cfg req (85 bytes), T3940 20995437 Got cfg reply (0 bytes) T3940 20995437 Process NOT managed by PMM T3940 20995437 All done T3940 20995437 PVCloader all done	"C:\WINDOWS\system32\NOTEPAD.EXE"



Check the AppInit Key...

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Windows

Edit String
Value name:
AppInit_DLLs
Value data:
:\PROGRA~1\AppSense\ENVIRO~1\Agent\PVCLOA~1.DLL.avgrsstx.dll
OK Cancel





Questions

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