

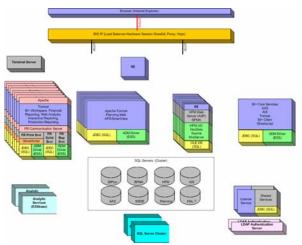
Session 47040 Hyperion 41020 Room 708

Preserving System 9 reliability in large distributed environments

Caroline Cuviello Principal Technical Architect Network Engineering

Sal Rapacciuolo Global Director of Financial & Enterprise Management Systems Liz Claiborne, Inc

Frank Standafer Application & Database Administrator Tempur-Pedic







Agenda

- About the speakers
- Challenges
- Available tools
- Solution
- Summery
- Q&A



Please set to silent



Network Engineering



Caroline Cuviello Principal Technical Architect



Liz Claiborne, Inc.



Sal Rapacciuolo Global Director of Financial & Enterprise Management Systems









Frank Standafer Application & Database Administrator





The Challenges



- Startup
- Troubleshooting
- Downtime Prevention







Startup Challenges

- Locate & access required processes
- Enforce start order dependencies
- Confirm process startup before starting the next process
 - url availability url login SCM UNIX scripts & script output
- Eliminate Workspace initialization wait time
- Automatically initiate Planning RMI connection
- Automate entire startup process







COLLABORAT



TroubleShooting Challenges

- Identify cause of abnormal condition
- Identify & locate failed process(es)
- What happened? Locate log files









Downtime Prevention

- Monitor all processes for an abnormal condition
- Notify of failed processes
- Recover failed processes and restart dependent processes







Tools

PsTools • Microsoft download

- PsExec execute processes remotely
- Psinfo list information about a system
- PsKill kill processes by name or process ID
- PsList list detailed information about processes
- PsService view and control services
- PsShutdown shuts down and optionally reboots a computer
- PsSuspend suspends processes





Tools

- Microsoft remote desktop
- J2EE / web services monitors / process monitors
- UNIX Scripts
- Microsoft SCM

A	(be ()# ()ee region ()				101 101 - 200			
	🗆 😨 🔘 🏠 🛰 [] Ng guand (kontrator pa			A 10 10 10 10 10 10 10 10 10 10 10 10 10				
81-6-		Seath Mill: * 😤 * 🙀	· Etereter @m	naturi e Senaturi e	al feator = 🔤 mai = 4	Pierce *		
C States describes To	anhie View							
	and Severals	Search.						
R Costanas (Sapart)							-	
S #1000 Servers 1	OverView							
	and Status			Service Water				
R @Depart.Ander		Eine.			Dynaki			
8 Wine second (Device Tubles			Dervice			
8 Constants		/ = +			Dimme			
R & Collecture A.M.	\sim			-	B a			
R & Collector & D	internal Westmaning West	ada a						
R Winkidd gros				Secular				
B Braylan, Jack, State	DOVAL UMERO	CALL FORMO	UP Tearrain	ORDER WARRED	UNION TODAO	00 144	i.	
					5 7 7	141	_	
	1							
# #Corport on 6								
R & Corport on R	1. Indiat hadge age							
Compart on 1					e men insekted services			
Corport on 9 R Corport on 2 R Corport on 2	nutited Ready maps		PERCENC	Notypes all as	nan Taalad analas nana		-	
R of Corport on 1 R of Corport on 2 R of Striptoners R of M (Servers	nadina Nody naji	more is added family	PERCENC	Berly name with star				
Copyret on 1 Copyret on 2 Copyret on 2 Copyret on 2 Copyret Copyret Copyret Copyret Copyret Copyret Copyret Copyret	andried Nordgrauge Scient	anana kasabisa hasaha UMPENDAJISA	PERCENC	Notypes all as	nomena umad	** *	4740	
R & Corport on 1 R & Corport on 2 R & B (Corport on 2) R & B (Corport) R & B (andrine Productions Science Sc	nov kodela hoda Unicovalui	ноно	Andyrays off and	nomena ununa I	** *	4940	
R & Corpert on 1 R & Corpert on 2 R & D'C (Jonann R & Jonann R & Jonann R & Jonann R & Jonann R & Jonann R & Donalmat	andried Nordgrauge Scient	anana kasabisa hasaha UMPENDAJISA	PERCENC	Notypes all as	nomena umad	** *	4.00	
Conset on 1 K @Conset on 1 K @Conset on 2 B @Conset o	andred Rody mys Silver Silver National Solid Rodications	nov todala hada Unicebala	Pictoria Balanda di yuni		ResterChecks	200 20 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
R & Corpert on 1 R & Corpert on 2 R & Fright Jones R & State R & Second Strep R & Second Strep R & Second R &	inutina Parigraga Salari Salar	Anna Isaddod harda UMI(school)ul Anna Anna Anna Anna Anna Anna Anna Anna	Richte C Disabilitären Ga jar		Persident T Sector	200 20 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
R Corport on 1 R Corport on 2 R Corport on 2 R Corport R	andrie Productions Colores Col	Anna it subbad hands Unitic Could all Anna its Statements Statement its Statement its	Nicht Strategy Bardet Street Bard Bard Strategy	Antigraph of an	Antifetti Janei J Restari Danka Rest Rest		490	

Eile Action ⊻iew	Help					
← → 🖬 🔄	🗟 😫 🖬 🕨 🔺 🗉					
🗞 Services (Local)	Name 🛆	Description	Status	Startup Type	Log On As	
	NET Runtime Opti	Microsoft		Manual	Local System	
	Alerter 🖏	Notifies sel		Disabled	Local Service	
	Application Experie	Process ap	Started	Automatic	Local System	
	Application Layer G	Provides s	Started	Manual	Local Service	
	Application Manage	Processes i	Started	Manual	Local System	
	ASP.NET State Ser	Provides s	Started	Manual	Network S	
	automatic Updates	Enables th	Started	Automatic	Local System	
	Background Intellig	Transfers f		Manual	Local System	
	CipBook	Enables Cli		Disabled	Local System	
	COM+ Event System	Supports S	Started	Automatic	Local System	
	COM+ System Appl	Manages t		Manual	Local System	
	Computer Browser	Maintains a	Started	Automatic	Local System	
	Cryptographic Serv	Provides th	Started	Automatic	Local System	
	DCOM Server Proc	Provides la	Started	Automatic	Local System	
	DefWatch		Started	Automatic	Local System	
	DHC Client	Registers a	Started	Automatic	Network S	
	Distributed File Sys	Integrates		Manual	Local System	
	Distributed Link Tra	Enables cli	Started	Automatic	Local System	
	Distributed Link Tra	Enables th		Disabled	Local System	
	Distributed Transac	Coordinate	Started	Automatic	Network S	
	DNS Client	Resolves a	Started	Automatic	Network 5	
	Error Reporting Ser	Collects, st	Started	Automatic	Local System	
	Event Log	Enables ev	Started	Automatic	Local System	
	File Replication	Allows files		Manual	Local System	





Solution

Network Services Managertm

🔛 Network Services Manager - C:\Program	Files\Network Engineering\Network Services Manager\sample.nsm	
File Process Tools Help		
🗋 🚰 🛃 🎁 🗽 📴 💺 🔺 🔻 🖣		
😑 Contract Al 🛛 💠 Expand All	0% 25% Resource Usage 75%	100%
Hyperion S9Apache 20		_
🔊 NEI4		
🔄 🌙 Hyperion S9BI+9.3 Core Services 1		
- 🖉 NEI4		
Hyperion S9BI+9.3Works		
NEI4		
🌙 Hyperion S9BI+9.3 Financial		
NEI4		
Hyperion S9BI+9.3Fin		
NEI4		
Hyperion S9BI+9.3Fin		
NEI4		
Hyperion S9BI+ 9.3 Fin		
NEI4		-
	Memory: Processor:	



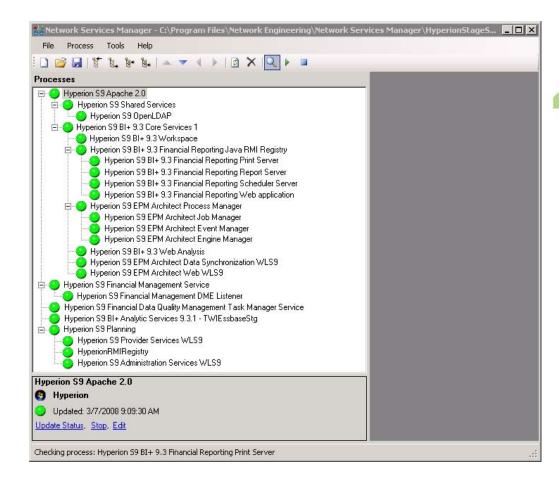


Liz Claiborne, Inc.

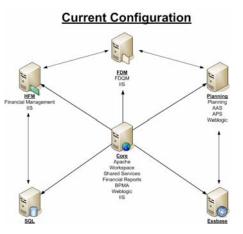
Network Services Manager - D:\Hyperion\Network Services Manager\Liz Claiborne	: Test.nsm*	Services			
File Process Help		Eile Action View Help	P		
•		⇔ → 💽 😭 🖸	≧ 2 ⊡) > ■ II ■>		
i 🗋 💕 🛃 ii ii. ii+ ii+ 🔺 🤜 🗍 🖄 🗙 🔍 🕨 💷		Services (Local) Na	ame 🛆 Desi	ription Status S	Startup Type 🔺
Processes					Manual
 USANBRHYP02: Hyperion Licensing Service USANBRHYP04: Hyperion SharedServices9 OpenLDAP USANBRHYP04: Hyperion S9 Shared Services WLS8 USNYCU20: Essbase Server USANBRHYP03: Hyperion S9 AAS aas WLS8 USANBRHYP02: Hyperion S9 AAPS aps WLS8 USANBRHYP02: Pace Application Framework - Server RETLRP USANBRHYP02: Pace Application Framework - Server RETBUD USANBRHYP02: Pace Application Framework - Server RETBUD USANBRHYP02: Pace Application Framework - Server RETBUD USANBRHYP04: Hyperion S9 Apache 2.0 USANBRHYP04: Hyperion S9 BI + 9.3 Financial Reporting Java RMI Registry USANBRHYP04: Hyperion S9 BI + 9.3 Financial Reporting Print Server USANBRHYP04: Hyperion S9 BI + 9.3 Financial Reporting Web application USANBRHYP04: Hyperion S9 BI + 9.3 Financial Reporting Web application USANBRHYP04: Hyperion S9 Performance Scorecard 9.3.0.1.0 WLS8 USANBRHYP04: Hyperion S9 BI + 9.3 Web Analysis 		Services Services	a HTP SSL This Hyperion SA APS aps WLSB Hyperion SV APS aps WLSB Hyperion-MySQL-4.0.12 Prov Hyperion-MySQL-4.0.12 Frame	Servic Started N stori L Started N Started N Started N Started N Description Status This servic Acache?c Started	Asrual Asrual Asrual Asrual Asrual Asrual Asrual Asrual Asrual Marual Marual Marual Marual Marual Marual
Update Status, Stop, Edit					
Checking process: Essbase Server	.#				















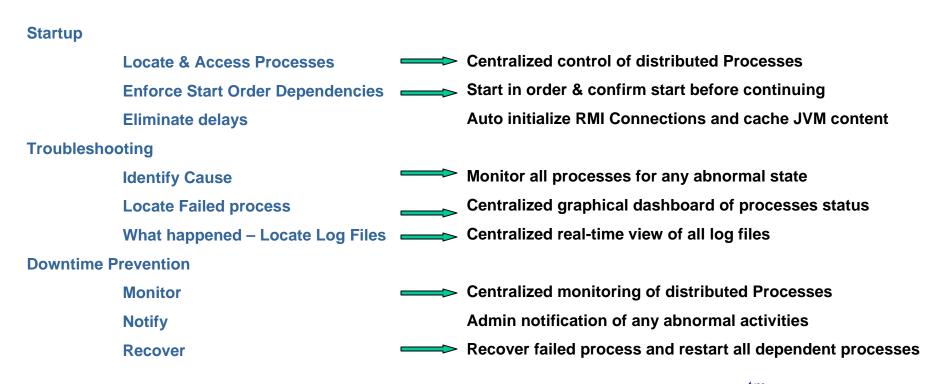


Solution Demonstration





Summary



Automate the entire process with Network Services Managertm





Contact Info

Sal Rapacciuolo

Phone: (201) 295-7982

Email: Sal.Rapacciuolo@liz.com

Frank Standafer

Phone: (859) 514-4817

Email: frank.standafer@tempurpedic.com

Caroline Cuviello

Phone: (630) 922-8193

Email: CCuviello@NetworkEngineering.com







Have a Sparkling Day

