

Today

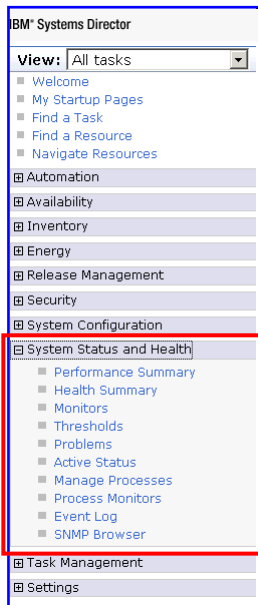


Cooking with Systems Director

→ Health, Performance, CEC ←



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System Status and Health

- Performance Summary → CEC
- Health Summary → OK
 - Mini graph “um! No comment”!
 - Multiple stats via groups just possible
- Monitors → OK+tricky
- Threshold X → Auto-Plans
- Problems → OK
- Active Status = ⚠ → NOP
- Manage Processes → OK
- Process Monitors → Start/stop
- Event Logs → Detailed
- SNMP Browser → who cares!

Health – with Favourites

Scoreboard

Active Status

Compliance - - -

Problems - 9 -

Dashboard

ATKHLT0041
There are no monitors selected to be displayed on the dashboard.
Close Message

[View Monitors](#)

Health Summary

Actions ▾

Favorites - nag (View Members)

Name	Type	Access	Problem
bronze2.aixncc.uk.i...	Operating...	OK	OK
bronze3.aixncc.uk.i...	Operating...	OK	OK
bronze4.aixncc.uk.i...	Operating...	OK	OK
bronze5.aixncc.uk.i...	Operating...	OK	OK
bronze9.aixncc.uk.i...	Operating...	OK	OK
bronzevios1.aixncc....	Operating...	OK	OK

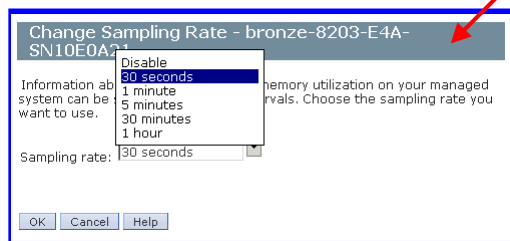
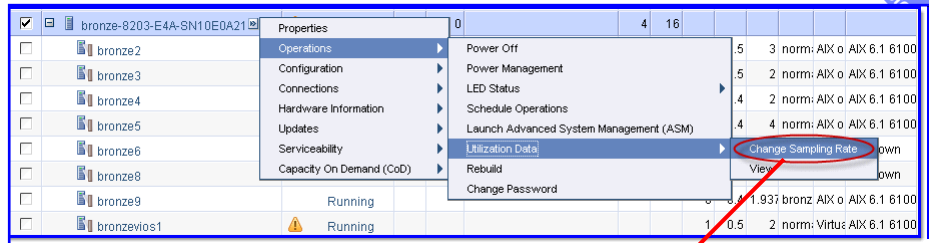
Systems with Problems (View Members)

Name	Access	Problems	Compli.
595vio1	OK	Warning	OK
595vio2	OK	Warning	OK
diamond-8233-E8B...	OK	Warning	OK
diamond3 AIX6141	OK	Minor	OK
diamond5 NIM	OK	Minor	OK
diamond6 Dir6 virgin	OK	Minor	OK
diamond8 AIX7 Gold	OK	Minor	OK
diamond9 AIX53_10	OK	Minor	OK
purplevio3	OK	Warning	OK

Performance Summary=CEC/whole machine view

- Statistics come from the HMC

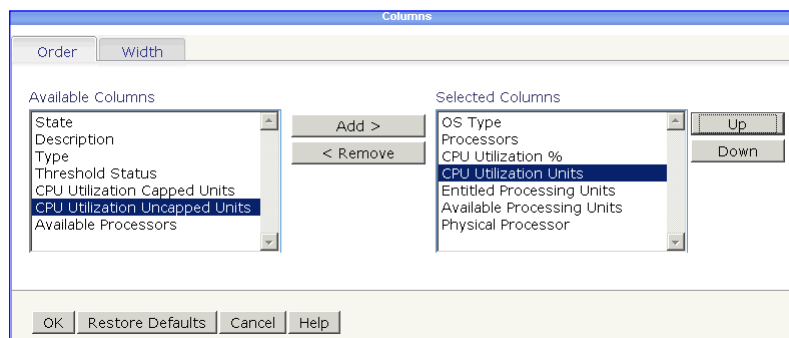
HMC – to get updates faster



Status & Health + Performance Monitors

1. Select the Server = machine
2. Select all the Virtual Servers = LPARs
3. Wait ...a few minutes
4. Then Select Columns:

Entitlement + CPU Units



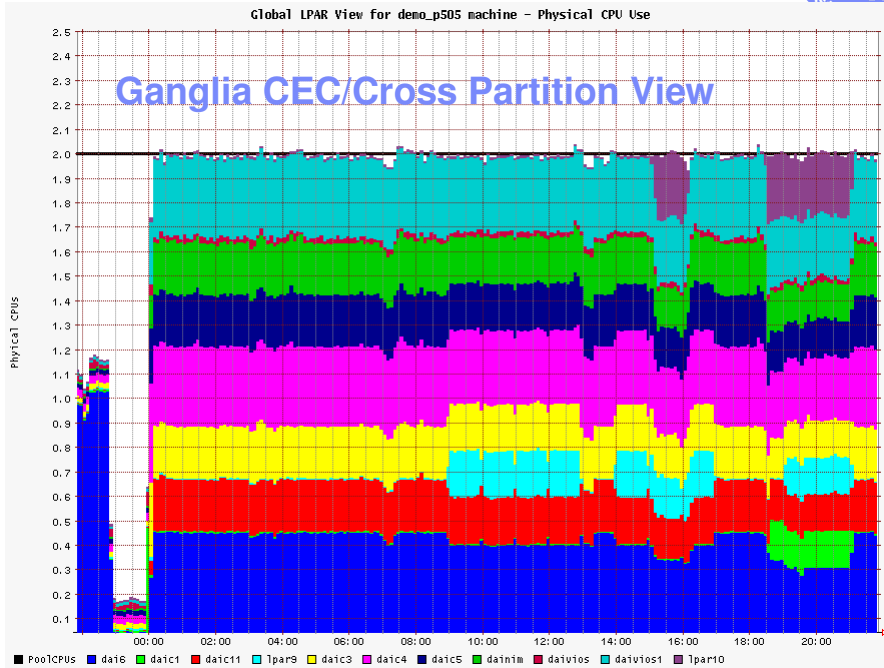
Status & Health + Performance Monitors

Utilisation Unit = Physical CPU time
Utilisation % is VERY misleading

Performance Summary (bronze-8203-E4A-SN10E0A21, bronze2, bronze2.a...)

Select	Name	OS T	Proces	CPU Utilization	CPU Utilizi	Entitled Pr	Availab	Physical Pr
<input type="checkbox"/>	bronze-8203-E4A-SN1		4	27%	1.088		1.1	
<input type="checkbox"/>	bronze2	AIX	2	201%	1.01	0.5		
<input type="checkbox"/>	bronze3	AIX	2	1%	0.007	0.5		
<input type="checkbox"/>	bronze4	AIX	2	3%	0.014	0.4		
<input type="checkbox"/>	bronze5	AIX	2	8%	0.033	0.4		
<input type="checkbox"/>	bronze6		1	-	-	0		
<input type="checkbox"/>	bronze8		1	-	-	0		
<input type="checkbox"/>	bronze9	AIX	2	5%	0.012	0.4		
<input type="checkbox"/>	bronzevios1	VIOS	1	2%	0.01	0.5		

Ganglia CEC/Cross Partition View



Systems Director Enterprise


includes IBM Tivoli Monitoring (ITM)

- IBM's top-gun monitoring tool
 - Admittedly fair large and complex to setup but can do just about anything you want in any colour you want in any graph style you want combining any stats you want from any multiple sources you want
 -

Cooking with Systems Director What Next?

- Follow on sessions on particular areas:
 - Done Active Energy Management,
 - 9th September 2010 - Health Checks, Performance
 - Graphs, Alerts and CEC performance
 - **23rd September 2010 - Drill Down and Up**
 - HMC functions, AIX pConsole and dsh
 - 7th October 2010 - Automation plans
 - Updating HMC, firmware, VIOS and AIX,
 - VMControl Image Manager,

- nag@uk.ibm.com



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Related links

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- alphaWorks (emerging technologies)
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- IBM Virtual Innovation Center (Bus. Partners)
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Cooking with Systems Director

View Info

Added by [naager](#), last edited by [naager](#) on Jul 14, 2010 ([view change](#))

Labels: (None)

Cooking with Systems Director

As a Systems Administrator you may have heard of IBM Systems Director 6, you may even have seen a presentation on it but have you wondered:

- What its like to actually use?
- What are the key features for POWER and AIX?
- How will it save me systems administration time and reduce weekend working?
- What do I need to run it and how do I get started?

Well 9:30 AM (UK time) on August 5th starts a series of live hand-on demonstration of Systems Director focused on AIX and POWER systems.

- The first session is a quick look around Systems Director running on AIX and the main features.
- The sessions aim to be 30 to 40 minutes long and once a fortnight.

Access:

- This will involve using the web based Genesys Webinar conference system which includes Voice Over IP so this is zero cost to you.
- A small tools needs to be download for this VoIP service otherwise you can use a phone for audio while watching the web session on screen.

Who:

- Nigel Griffiths on the EMEA Power Systems Advanced Technology Support has been using Systems Director 6 for a couple of years and uses it to manage our internal systems and save time too.

Longer term:

- These sessions are aimed at being techie to techie and in a dynamic cookbook style.
- You may want to install Systems Director after the second session and then follow along with the "master cook" to fully learn the recipes.
- As this format is a little experimental we look forward to your feedback and suggestions.
- If you are really keen you can download Systems Director 6 from <http://www.ibm.com/systems/software/director/resources.html> it is free but you need to get yourself a IBM Id but that takes only a minute or so.

Follow on sessions will include:

<https://www.ibm.com/developerworks/wikis/display/WikiPtype/Cooking+with+Systems+Director>