Robot/NETWORK 11 Enhancements

Monitor IBM i System Performance

The new Performance Center displays performance metrics for the IBM i servers in your network.

- Use customizable dashboards to display graphs and charts with current and historical data for the following performance metrics:
 - CPU usage Disk percentage busy
 - System ASP usage Disk percentage used
 - Database faults
- Interactive response time
- Non-database faults
- Jobs in system



• Create multiple threshold levels for performance statistics on each Node, and easily identify them in different areas of the Performance Center:

Robot/NETWORK Performance Center							
3 🖻 🐵 i 🖹 i 🛠 i 🍣 -							
Summary CBK Disk Info							
	CPU % Used	System ASP % Used	Database Faults	Non-Database Faults	Average Interactive Response Time	Last Update Date/Time	
My Network Big Bert Q- Cybrking						Performance Metr	
	ø	0	0	0	0	06/12/2012 13:4	
G2 G2 G2 G2 G2 G2 G2 G2 G2 G2	0	0	0	0	Ø	06/12/2012 13:4	
🛛 🗾 galahad	Ø	Ø		Ø		06/12/2012 13:4	
o- J Lancelot ∟ J seven	•	<u> </u>	<u> </u>	©		06/12/2012 13:4	
Last Refresh: 06/12/2012 13:47:11 CDT							

Create graphs of user-specified collection ranges and statistics:



You can easily use your graphs outside of Robot/NETWORK by right-clicking it and selecting an option.

•

• View detailed performance statistics for a Node:

ection Range: Day 💌 Select Date: (6/27/12 3			
is to Graph: 📝 CPU % Used	System AS	° % Used	✓ DB Capability %	
Permanent Address % Use	d 🗹 Temporary	Address % Used		
aph Data				
Collection Date/Time	Host Date/Time	Description		Value
06/27/2012 03:45:00 CDT	06/27/2012 03:45:16 CDT	System ASP % Used		78.5200
06/27/2012 03:45:00 CDT	06/27/2012 03:45:16 CDT	Temporary Address % Used		1.600
06/27/2012 03:45:00 CDT	06/27/2012 03:45:16 CDT	Permanent Address % Used		0.085
06/27/2012 03:45:00 CDT	06/27/2012 03:45:16 CDT	DB Capability %		1.6
06/27/2012 03:45:00 CDT	06/27/2012 03:45:16 CDT	CPU % Used		5.6
06/27/2012 03:30:00 CDT	06/27/2012 03:30:41 CDT	System ASP % Used		78.5200
06/27/2012 03:30:00 CDT	06/27/2012 03:30:41 CDT	Temporary Address % Used		1.600
06/27/2012 03:30:00 CDT	06/27/2012 03:30:41 CDT	Permanent Address % Used		0.085
06/27/2012 03:30:00 CDT	06/27/2012 03:30:41 CDT	DB Capability %		5.4
06/27/2012 03:30:00 CDT	06/27/2012 03:30:41 CDT	CPU % Used	Copy to Clipboard	13.1
06/27/2012 03:15:00 CDT	06/27/2012 03:15:24 CDT	System ASP % Used	Select All	78.5100
06/27/2012 03:15:00 CDT	06/27/2012 03: 15: 24 CDT	Temporary Address % Used	Save selected	1.600
06/27/2012 03:15:00 CDT	06/27/2012 03:15:24 CDT	Permanent Address % Used	Save selected	0.085
06/27/2012 03:15:00 CDT	06/27/2012 03: 15: 24 CDT	DB Capability %		2.3
06/27/2012 03:15:00 CDT	06/27/2012 03:15:24 CDT	CPU % Used		8.5
06/27/2012 03:00:00 CDT	06/27/2012 03:00:23 CDT	System ASP % Used		78.4900
06/27/2012 03:00:00 CDT	06/27/2012 03:00:23 CDT	Temporary Address % Used		1.600
06/27/2012 03:00:00 CDT	06/27/2012 03:00:23 CDT	Permanent Address % Used		0.085
06/27/2012 03:00:00 CDT	06/27/2012 03:00:23 CDT	DB Capability %		0.8
06/27/2012 03:00:00 CDT	06/27/2012 03:00:23 CDT	CPU % Used		3.3
06/27/2012 02:45:00 CDT	06/27/2012 02:45:11 CDT	System ASP % Used		78.4900
06/27/2012 02:45:00 CDT	06/27/2012 02:45:11 CDT	Temporary Address % Used		1.600

You can view metrics collected per day, week, month, year, all, or create a custom range.

You can easily use these statistics outside of Robot/NETWORK by selecting the rows you want to share, right-clicking, and selecting an option.

Display Robot Product Metrics

• The Product Metrics Dashboard displays metrics for the Robot products installed on the system to which you are connected.



- You can display statistics about:
 - Robot/NETWORK statuses
 - Robot/SCHEDULE jobs
 - Robot/CONSOLE messages and resource monitoring
 - Robot/REPORTS report sets
 - Robot/SAVE save media
- You can specify a date range and display both detail and summary information about each product graph on the dashboard.



lode: All 💌	bot/SCHEDULE Jobs on cybrking	
tart Date: 05/13/12 3 End Da	e: 06/12/12 3	
Graph Data Summary		
Node	Summary Description	Value
CYBRKING	Ended Normally	1,815
CYBRKING	Ended Abnormally	627
CYBRKING	Ended in Error	50
CYBRKING	Scheduled Jobs Run	2,936
CYBRKING	Jobs with Warnings	444
CYBRKING	Late Start Jobs	10
CYBRKING	Overrun Jobs	0
CYBRKING	Underrun Jobs	0
CYBRKING	User Jobs Run	4,426
		Refresh Close

Enhanced Robot/NETWORK Explorer Graphical Interface

- Robot/NETWORK's point-and-click graphical interface, the Robot/NETWORK Explorer, has been updated to have a cleaner, more intuitive look and feel.
- You can easily display the new Product Metrics dashboard by clicking a button on the toolbar.
- New, HTML, web-based online help puts product information right at your fingertips, anywhere.

More Status Center Options

• The Status Center toolbar and menus offer two new options: Assign to User... and Assign to Me.

• You can assign a status to a user with a user profile on the system. Robot/NETWORK won't escalate the status using SNMP traps or Robot/ALERT, and you can include a ticket number and notes.

Assign to Use	r 🛛 🛛
Assign to User:	ВОВ
Ticket:	10-13453
Notes:	Bob, please look into this issue.
	OK Cancel

• The Status Center **My Waiting Statuses** tab lists all the statuses currently assigned to the user logged into Robot/NETWORK. From this tab, the user can see details about the status message, reply to the status, unassign it, assign it to another user, and more.

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. 🕑 🔘 🍕	🔘 💽				
All Waiting My Wait	ng Statuses Filtered				
🕑 Type 🔺	Text \land	Node 🔺	Status	Received At 💙	Product
💽 🛛 Disk Unit	1 - Disk Protection Status threshold has been met. The s.	. GALAHAD	Waiting	06/03/2012 20:38:06 C	NETNODE
🚺 🚺 Disk Unit	1 - Disk Protection Status threshold has been met. The s.	. GALAHAD	Waiting	06/03/2012 20:36:06 C	NETNODE
	ERRUN did not end by 05/14/12 15:02:01.	BERT	Reply Waiting	05/30/2012 13:38:51 C	CONSOLE
	ND temporary code will expire at noon today.	BERT	Reply Waiting	04/30/2012 10:20:28 C	
🔄 🕕 Your Any	Date temporary license will expire in 8 days, on 04/27/12	ERNIE	Reply Waiting	04/19/2012 04:38:45 C	CONSOLE
,					[
Severity:	(1) Informational				[
Severity: Status:	Informational Waiting				(
Severity: Status:	(1) Informational				[
Severity: Status: Received on Host at:	Informational Waiting				[
Severity: Status: Received on Host at: Sent from Node at:	 Informational Waiting 06/03/2012 20:38:06 CDT 	hreshold has	been met. Th	e status reported w	as ACTIVE.
Severity: Status: Received on Host at: Sent from Node at: Text:	Informational Waiting 06/03/2012 20:38:06 CDT 06/03/2012 20:38:06 CDT	hreshold has	been met. Th	e status reported w	as ACTIVE.
Severity: Status:	Informational Waiting 06/03/2012 20:38:06 CDT 06/03/2012 20:38:06 CDT Disk Unit 1 - Disk Protection Status t	hreshold has	been met. The	e status reported w	as ACTIVE.
Status: Received on Host at: Sent from Node at: Text: Assigned To:	Informational Waiting 06/03/2012 20:38:06 CDT 06/03/2012 20:38:06 CDT Disk Unit 1 - Disk Protection Status t	hreshold has	been met. Th	e status reported w	as ACTIVE.

• There also are more choices for filtering the Status Center display. Now, you can filter the display by assigned statuses, unassigned statuses, and my statuses.

Flexible Escalation

• Robot/NETWORK 11 lets you combine its three escalation options—Robot/ALERT messages, SNMP traps, and calling a user program—to escalate statuses.

• You can specify one or more escalation options, either in series (one after another), or simultaneously (all at once). For example, if no one responds to a status after five minutes, Robot/NETWORK can send an e-mail using Robot/ALERT. Then, thirty minutes later, if there is still no response, Robot/NETWORK can send an SNMP trap to your enterprise monitoring software.

Easier Network Organization

• Robot/NETWORK 11 offers Node Groups to help you categorize and group your Node systems in subsets.

Robot/NETWORK Explorer						
System View Tools Help						
🚳 ಿ 🚍 Status Center 😹 Map Center 🧭 Performance Center 💦 🕶 Product Metrics 👸						
My Network	Name /	^	Description \land			
🗣 🔰 Big Bert	DISTLIST		Distribution list to ernie and guinvere			
Nodes Product Masters Node Groups Orde Groups Ouser Applications Packets						
- 🎇 System Setup		*********				
⊙- II cybrking ⊙- II galahad	Name: DISTLIST Description: Distributio	n list to ernie and	d guinvere			
Identified Consolidated Reports	Node Name		Description	Selected		
	BEDIVERE	Node on BEDI	IVERE	No		
	BERT	Node on BERT	Г	Yes		
	ERNIE	Node on ERN	IE	Yes		
	GUINVERE	Node on GUIN	IVERE	Yes		

• Using Node Groups, you can logically group, display, and work with Nodes (partitions or systems). For example, you can distribute Robot/NETWORK packets containing automation instructions to a specific set of partitions that are defined as a Node Group.

New Reports

- The Performance Metrics Report displays the performance metrics for a specific Node and date range. The report lists the Host date and time, the Node date and time, and the performance metrics description and value.
- The Product Metrics Report lists information from the Robot products in your network.
- The consolidated version of the Performance Metrics Report displays the performance metrics sent by a Node (or Nodes) for a specific date range, for each Host currently active in the network, using the date range specified.
- You can preview the reports in HTML format, print it, and schedule it using Robot/ SCHEDULE.

Product Compatibility

Robot/NETWORK 11 is compatible with the previous Robot/NETWORK release and the following software and processes:

- Robot/AUTOTUNE R07M19, or higher.
- Cross-system message redirection from Robot/CONSOLE R05M00, or higher.
- Cross-system reactivity from Robot/SCHEDULE R11M00, or higher.
- Robot/MONITOR R07M08, or higher, for statuses and statistics.
- Robot/SAVE R12M00, or higher, Data Center Managements Systems (DCMS) and statuses to help automate media management and backups.
- Packets for:
 - Robot/CONSOLE R05M00, or higher
 - Robot/REPORTS R07M31, or higher
 - Robot/SCHEDULE R11M00, or higher

If you have any questions or problems, please call Help/Systems, Inc. Technical Support at 952-933-0609.