



IBM Performance Management for Power Systems

www.ibm.com/systems/power/support/perfmgmt/



Performance Management for Power Systems: Getting Started and Managing PM Groups

<http://www.ibm.com/systems/power/support/perfmgmt/>

PM for Power Systems levels of support

- **Summary (No Charge) support**
This level of support is available for systems under warranty or a maintenance agreement. Users with Summary support have access to monthly statistics for the Server or LPAR via the Server Information Page, as well as the Management Summary Graph report.
- **Full Function support**
This level of support is available for a nominal fee as either a standalone offering, or included in a comprehensive services package. Please consult with your local country IBM contact for availability in your location:
<http://www-03.ibm.com/systems/power/support/perfmgmt/contact.html>

This option gives the user access to a monthly detailed report, as well as the Interactive Graphing capability of PM for Power Systems. With Interactive Graphing, a user is able to view the PM data within 1 business day of IBM receiving the data.

Registering for an IBM ID

- An IBM ID is required in order to securely access the PM for Power Systems Web application.
- To register for an IBM ID, please visit www.ibm.com and click on the “Register” link at the top of the page or visit

<https://www.ibm.com/account/profile/>



- Complete the form to receive an IBM ID.

Login Page and URL

<https://pmeserver.rochester.ibm.com/>

United States [change] | Terms of use

IBM

Home | Products | Services & solutions | Support & downloads | My account

Performance Management for Power Systems

Related links

- PM for Power Systems Home
- News and Announcements
- PM for Power Systems FAQs
- Country Contact Information
- PM for Power Systems Redbook

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Please select user login type, Then enter Userid and Password:

Customers login with:

- IBM Web ID

Business Partners login with:

- IBM Web ID

IBM Employees login with:

- Intranet ID

Login ID:

Password:

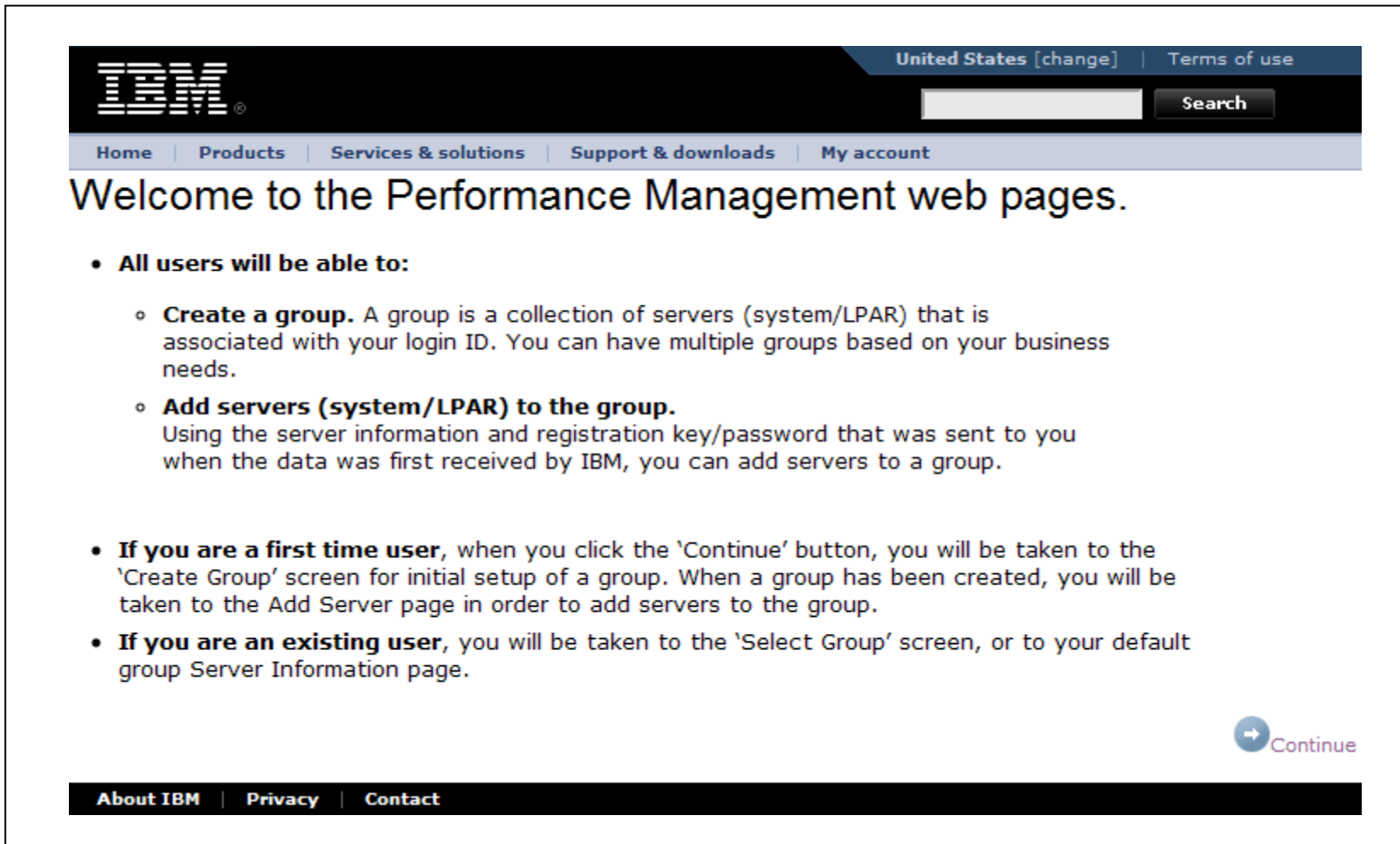
Hot Topics

- [IBM POWER processor-based Blades now supported by PM for Power Systems](#)
- [July 2009 Website Enhancements](#)
- [PM data transmission via SNA will be unavailable after July 1, 2009](#)
- [Interactive Graphing Advantages](#)
- [PM for AIX requires PM Collection Agent version 5.0.6.0](#)

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Important information regarding updates or changes to PM for Power Systems can be found in the Hot Topics section, on the right side of the PM Login Page.

Welcome Page



The screenshot shows the IBM Performance Management web page. At the top left is the IBM logo. To the right, it says "United States [change]" and "Terms of use". Below this is a search bar with a "Search" button. A navigation bar contains links for "Home", "Products", "Services & solutions", "Support & downloads", and "My account". The main heading reads "Welcome to the Performance Management web pages." Below this is a list of user capabilities and instructions:

- **All users will be able to:**
 - **Create a group.** A group is a collection of servers (system/LPAR) that is associated with your login ID. You can have multiple groups based on your business needs.
 - **Add servers (system/LPAR) to the group.** Using the server information and registration key/password that was sent to you when the data was first received by IBM, you can add servers to a group.
- **If you are a first time user,** when you click the 'Continue' button, you will be taken to the 'Create Group' screen for initial setup of a group. When a group has been created, you will be taken to the Add Server page in order to add servers to the group.
- **If you are an existing user,** you will be taken to the 'Select Group' screen, or to your default group Server Information page.

At the bottom right of the main content area is a "Continue" button with a right-pointing arrow. The footer contains links for "About IBM", "Privacy", and "Contact".

Creating a Group

Create Group of Servers for Account

* Group Name: [Help]

* Group Description: [Help]

Owner Name:

Owner User ID: [Help]

* - required fields

A group is a collection of servers that have been 'grouped' together for purposes of viewing in PM. The content of a group can be based along organizational lines of business, geographic placement of servers, or any other rationale that you determine is valuable. Note that a server could be included in multiple groups based on the purpose of that group and who will have access to the group.

Managing Access to the PM for Power Systems Reports and Graphs

- **Performance Management for Power Systems (PM) contains a number of features that will allow you to manage the access to the reports and graphs.**
- **It all starts with the Registration Key that is sent when data is first received by IBM. The Registration Key will allow an individual to add a server to a group for the purposes of viewing the reports and graphs.**
- **The first step is to manage the access to the registration key.**
 - The registration key is emailed to email address retrieved from the electronic Service Agent contact information or from the PM configuration information (IBM i only).
- **There should be an individual (PMAdm) who has responsibility for managing access to the PM reports and graphs, the same way you manage access to your server and applications.**

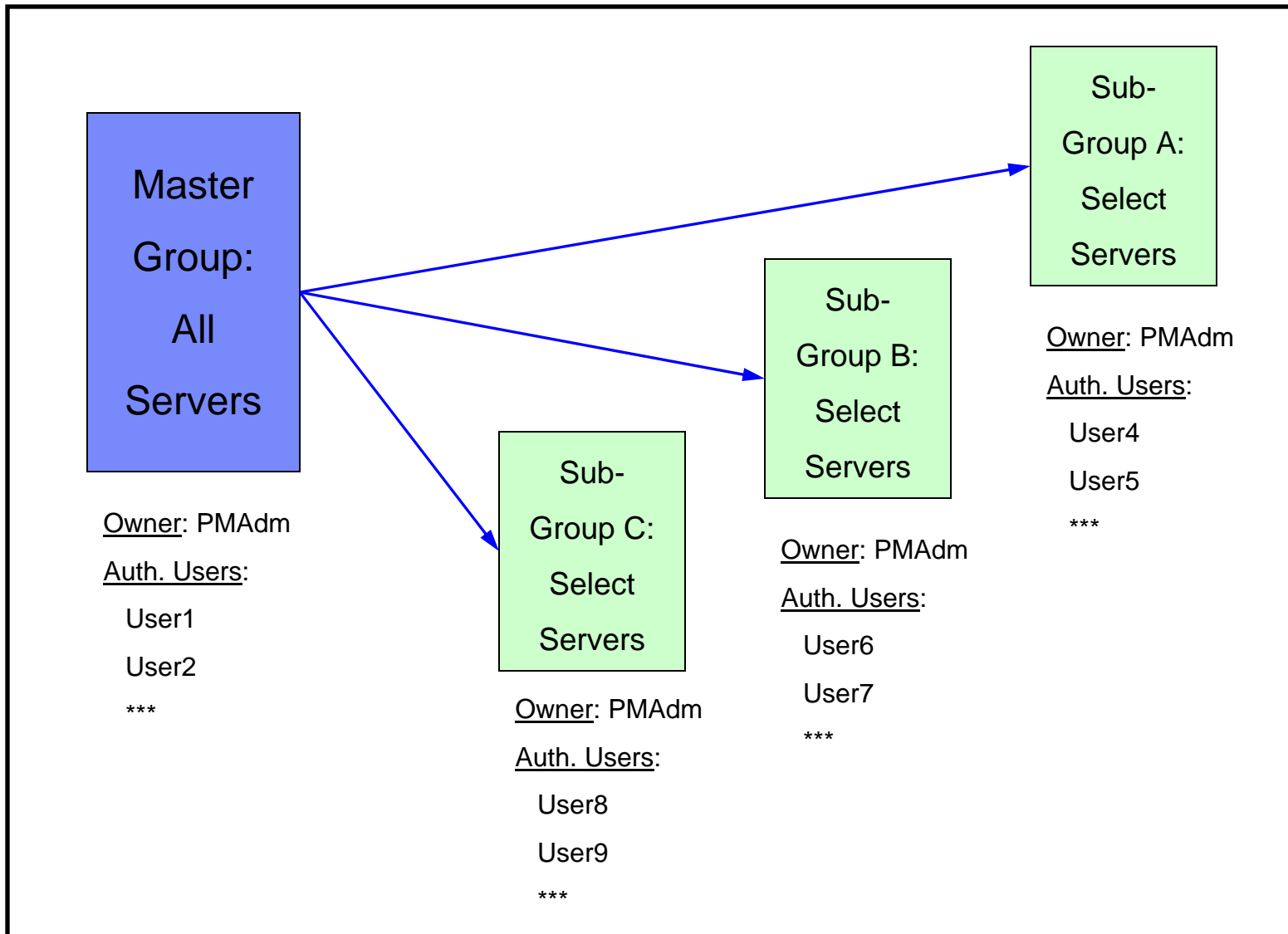
Who Can Create a Group?

- **Anybody that has a valid IBM ID and logs into the PM website can create a group.**
- **HOWEVER, only individuals that know the registration key for a server can add servers to a group.**
- **The individual that creates a group is considered to be the ‘owner’ of the group. The ‘owner’ can:**
 - Add/delete servers (assuming they know the registration key)
 - Authorize other individuals to view the group. The authorized users can only view the group. They can not add servers to the group or copy servers from the group.
 - Transfer ownership of the group. This would be the case if the owner were to change responsibilities within the company or leave the company.

Managing Groups

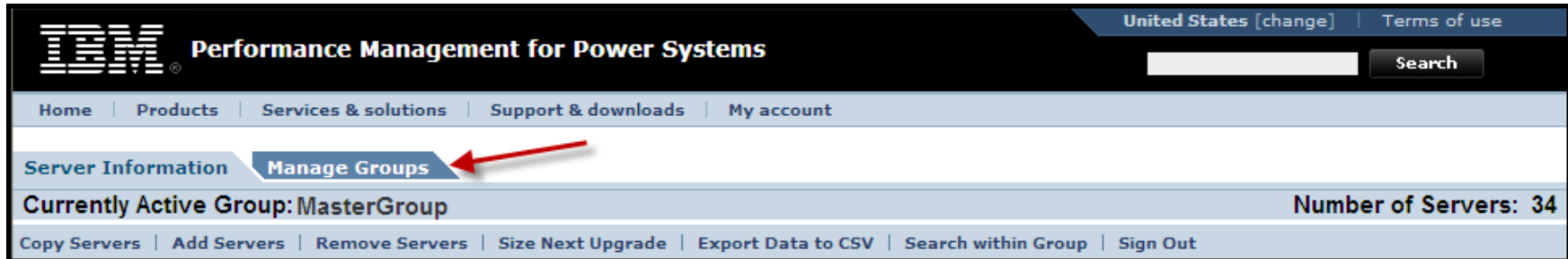
- **There should be one or two individuals that are allowed to create groups and manage the access to the groups. These individuals would have access to the registration keys.**
- **If a particular business unit needs access to the reports and graphs for servers for that business unit:**
 1. The individual (PMAAdm) with access to the registration keys would create a group for that business unit.
 2. Add the appropriate servers to the group using the registration keys or copy the servers from a master group to the new group for that business unit.
 3. Authorize the appropriate individuals to the new group.
 - If an individual that is authorized to the new group changes job responsibilities or leaves the business, they can be removed for the Authorized User list.

Example of how PM Groups might be organized



Managing a Group

From the Server Information page, click the Manage Groups tab



You will see the Group Information, click the Edit Current Group button



Edit Group Page

IBM Performance Management for Power Systems United States [change] Terms of use

Home | Products | Services & solutions | Support & downloads | My account

Edit Group of Servers for Account

Group Name:

* Group Description: [Help]

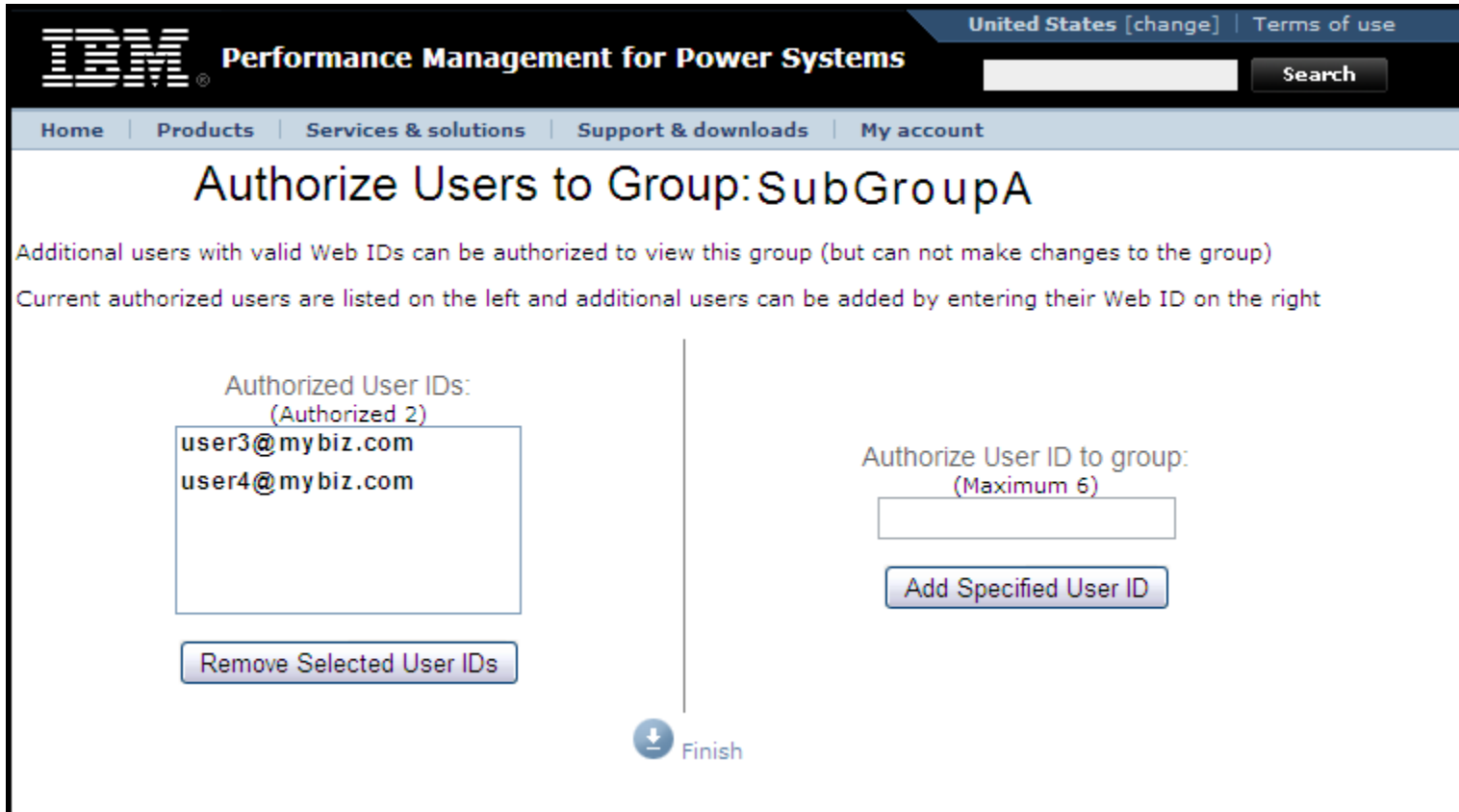
Owner Name:

* Owner User ID: [Help] *abc@abc_company.com*

* - required fields

From the Edit Group Page you can change the ownership of a group. Otherwise click 'Continue' to Add or Delete Authorized Users.

Add or Delete Authorized Users



The screenshot shows the IBM Performance Management for Power Systems web interface. At the top, there is a navigation bar with the IBM logo, the text 'Performance Management for Power Systems', and links for 'United States [change]' and 'Terms of use'. Below this is a search bar with a 'Search' button. A secondary navigation bar contains links for 'Home', 'Products', 'Services & solutions', 'Support & downloads', and 'My account'. The main content area is titled 'Authorize Users to Group: SubGroupA'. It includes instructions: 'Additional users with valid Web IDs can be authorized to view this group (but can not make changes to the group)' and 'Current authorized users are listed on the left and additional users can be added by entering their Web ID on the right'. On the left, under 'Authorized User IDs: (Authorized 2)', a box lists 'user3@mybiz.com' and 'user4@mybiz.com', with a 'Remove Selected User IDs' button below. On the right, under 'Authorize User ID to group: (Maximum 6)', there is an empty input field and an 'Add Specified User ID' button. A 'Finish' button with a downward arrow icon is centered at the bottom.

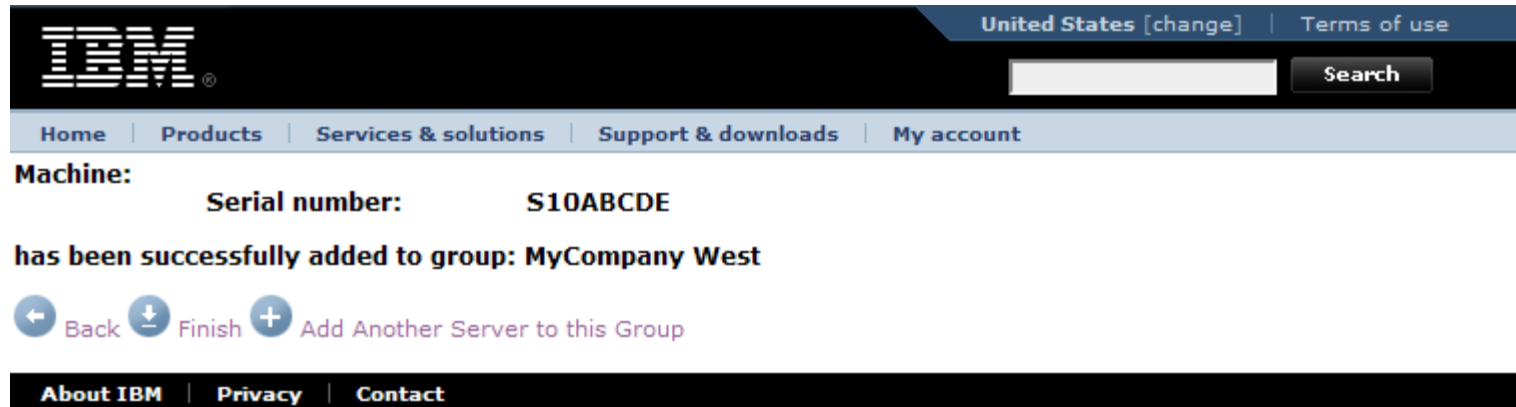
Once you have Add or Deleted Authorized Users, click 'Finish'
Authorized Users will only be allowed to view the servers in the Group

Adding Servers to a Group

The screenshot shows the IBM Performance Management for Power Systems web interface. The top navigation bar includes the IBM logo, a search box, and links for Home, Products, Services & solutions, Support & downloads, and My account. The main content area is titled 'Performance Management for Power Systems' and shows a group named 'MyCompany West (PMP)'. Below the group name are buttons for 'Copy Servers', 'Add Servers', and 'Remove'. A message states 'This group contains no machines'. The 'Add Servers' button is highlighted, leading to a form titled 'Enter Information for Server to Add to Group: MyCompany West'. The form contains two required fields: '* Serial number:' and '* Registration key/password:'. The serial number field has a text box and a note: 'The serial number and registration key/password for this server were sent when server data was first received by IBM. Type the serial number as specified on the password letter.' The registration key/password field has a text box and a note: 'If you do not have the registration key/password press [here](#).' Below the fields are 'Cancel' and 'Submit' buttons. The footer includes 'About IBM', 'Privacy', and 'Contact' links.

Once a group is created, servers may be added to it. To add a server, use the information provided in the registration letter which was sent after the server or LPAR's first PM data transmission. If the registration key has been lost or forgotten, a link is provided on the Add Server page to request a new one.

Confirmation of Server Addition



The screenshot shows the IBM server management interface. At the top left is the IBM logo. To the right, it says "United States [change]" and "Terms of use". Below this is a search bar with a "Search" button. A navigation menu includes "Home", "Products", "Services & solutions", "Support & downloads", and "My account". The main content area displays "Machine:" followed by "Serial number: S10ABCDE". Below this, it states "has been successfully added to group: MyCompany West". At the bottom of the main content area, there are three buttons: "Back" (with a left arrow icon), "Finish" (with a down arrow icon), and "Add Another Server to this Group" (with a plus icon). At the very bottom of the page, there is a footer with "About IBM", "Privacy", and "Contact" links.

If there are additional servers or LPARs to add, click on Add Another Server to this Group. Otherwise, click Finish to return to the Server Information Page.

Server Information Page

Server Information **Manage Groups**

Currently Active Group: pctest (PMP) Number of Servers

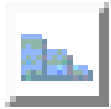
Copy Servers | Add Servers | Remove Servers | Size Next Upgrade | BP Authorization | Search within Group | Sign Out

Refresh Group Data

Actions	Company Name	Serial Number	LPAR	Shift Nbr	O/S	System View	GTS Cust Contract	Server Name	Last Data Recv'd	Config'd Cores	Peak Total Core %	M C
		65		1	i5/OS			HONBU	2012-03-19	5.00	24.07	
		65		2	i5/OS			HONBU	2012-03-19	5.00	47.21	
		10		1	AIX			PMROGER	2012-03-19	2.00	2.41	
		10		2	AIX			PMROGER	2012-03-19	2.00	0.89	
		06		1	i5/OS			RCHASPM8	2012-03-19	12.00	13.68	
		06		2	i5/OS			RCHASPM8	2012-03-19	12.00	29.17	

The Server Information Page displays monthly statistics for the first and second shift for each server in the group. Action Buttons, which provide access to additional functions, are located to the left of each server or LPAR.

Action Buttons



Interactive Graphing – Detailed performance reports and graphs at the monthly, daily, and hourly levels, with customizable date ranges. Servers with the Summary option will only have access to the interactive Management Summary Graphs (MSG). See the Interactive Graphing Tours for more information.



PDF Report – A detailed monthly version of the performance reports and graphs in document format. Servers with the Summary option will only have access to a single-page Management Summary Report.



Transmission History – A chart of which days and shifts have been processed to quickly identify any problems in transmitting PM data.



Contact Information – Access the contact information for the server or LPAR.

Explanation of Status Indicators



Yellow Triangle- Indicates a resource is marginal or a tuning metric is marginal. Marginal means that periodic degradation is occurring due to the condition.



Red Box with white X - Indicates a resource is critical or a tuning metric is critical. Critical means that degradation is occurring due to the condition.



On many PM graphs, colored bars are used to indicate resource or metric guidelines. Green indicates acceptable ranges. Yellow indicates marginal ranges, and red indicates the range considered to be above the critical guideline. The current or trended usage for the period is then overlaid on the colored bars.

For More Information

- See the Graph Reference Document at:

<http://www.ibm.com/systems/power/support/perfmgmt>

