



# HMC ENHANCED GUI QUICK START GUIDE 1.0






Classic GUI to Enhanced GUI Mappings and Enhanced GUI Improvements

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## Table of Contents

<b>Introduction.....</b>	<b>4</b>
<b>Menus Available – Enhanced GUI Only .....</b>	<b>4</b>
Enhanced GUI Path New Features .....	4
<b>Classic GUI to Enhanced GUI Mapping .....</b>	<b>4</b>
Main Menu Navigation .....	4
Managing Servers -> All Actions .....	4
Managing Servers.....	6
Managed System Advanced Options .....	7
Partition Management.....	7
Partition Properties.....	8
Serviceability Options .....	8
Capacity Upgrade On Demand.....	9
Groups and Power Enterprise Pools .....	9
Management of the HMC and Administration .....	9
Service Management/Serviceability .....	10

Code Update .....	11
Enhanced GUI Advantages.....	11
Network Topology.....	11
Storage Topology .....	12
Optional views for System and LPAR Objects .....	12
 Box View.....	12
 List View.....	13
Shortcuts to menus.....	13
 Resources and Performance Dashboard.....	13
 Additional Information and firmware level.....	13
 Relational view .....	14
• Tasks Log .....	14
Appendix: .....	15
<b>Demo</b> .....	15
Nigel's HMC 870 Enhanced GUI demo:.....	15
<b>Techdocs for Enhanced GUI</b> .....	15
Dynamic Partitioning: .....	15
How to Dynamically Add/Remove Virtual Ethernet Adapters Using the New HMC "Enhanced" GUI.....	15
How to DLPAR Virtual Fibre Channel Adapters Using the HMC Enhanced GUI.....	15
Dumps: .....	15
HMC V8 enhanced: Initiating a System Dump .....	15
How to Initiate a Resource Dump from the HMC - V8 Enhanced GUI.....	15
HMC Version 7 and later: Retrieving an FSP or System Dump Using the HMC .....	15
Performing a Main Storage Dump (MSD) on an HMC Managed Server .....	15
User Roles: .....	15
8 Enhanced: Creating a customized task role to allow HMC 5250 Remote Console .....	15
Presentations and Developerworks .....	15
HMC V8 R8.6.0 Enhanced UI Updates .....	15
Synchronize Current Configuration and configuration change on inactive partition in HMC Enhanced UI .....	15
Partition Virtual Storage Management using HMC Enhanced UI .....	15
Virtual Network Management with HMC Enhanced UI.....	15



## Introduction

This document describes the new Enhanced GUI interface navigation on the HMC released in Version 8 Release 8.2.0 and higher with mappings from the Classic GUI interface. These maps are provided for ease of use when adapting to the new Enhanced GUI for quick searchability for equivalent menus. In addition, Enhanced GUI unique navigation views, options and menus are also listed. The HMC at Version 8 Release 8.7.0 will be the first release of HMC to remove the Classic GUI completely. This new GUI transitions the user into modern navigation using a different interaction model that not only provides a simplified navigational path for completing virtualization management tasks, but also provides new functions that are not available in the HMC Classic interface. The guide that follows outlines and highlights each of these difference and new functional advantages.

## Menus Available – Enhanced GUI Only

Enhanced GUI Path New Features
Resources -> All Systems -> Select <managed system> -> (Left Navigation) ^ <b>Topology (View examples in the GUI screenshot section)</b> View Network Diagram (end to end of the managed system) Virtual Storage Diagram (physical and virtual storage of the managed system)

## Classic GUI to Enhanced GUI Mapping

Classic GUI Task	Enhanced GUI Task
Decipher keys: +- = expandable menu Left or Right Navigation noted for navigation locale or page load	Decipher keys: ^ = expandable menu * 870 and higher menu ** Enhanced-Only Left or Right Navigation noted for navigation locale or page load
<b>Main Menu Navigation</b>	
Welcome +- <b>Systems Management</b> Servers Frames +- <b>Custom Groups</b> All Partitions All Objects Power Enterprise Pools System Plans HMC Management Service Management Updates	<b>Resources (Left Navigation)</b> All Systems All Partitions All Virtual I/O Servers All Frames All Shared Storage Pool Clusters All Power Enterprise Pools All Groups <b>HMC Management</b> Console Settings Console Management Templates and OS Images All System Plans * Updates <b>Users and Security</b> Users and Roles Systems and Console Security <b>Serviceability</b> Tasks Log Console Events Log Serviceable Events Manager Events Manager for Call Home Service Management
<b>Managing Servers -&gt; All Actions</b>	
Systems Management -> Servers -> <managed system> -> (Split lower window Navigation) + for All Actions	Resources -> All Systems -> Select <managed system> -> ^ <b>Actions</b>

<ul style="list-style-type: none"> <li>Properties</li> <li>+ Operations <ul style="list-style-type: none"> <li>Power Off</li> <li>Power On</li> <li>Power Management</li> </ul> </li> <li>+ LED Status <ul style="list-style-type: none"> <li>Deactivate Attention LED</li> <li>Identify LED</li> <li>Test LED</li> </ul> </li> <li>Schedule Operations</li> <li>Launch Advanced System Management (ASM)</li> <li>+ Utilization Data <ul style="list-style-type: none"> <li>Change Sampling Rate</li> <li>View</li> </ul> </li> <li>Rebuild</li> <li>Change Password</li> <li>Update Password</li> <li>+ Configuration <ul style="list-style-type: none"> <li>+ Create Partition <ul style="list-style-type: none"> <li>AIX or Linux</li> <li>VIO Server</li> <li>IBM i</li> </ul> </li> <li>+ System Plans <ul style="list-style-type: none"> <li>Create</li> <li>Deploy</li> </ul> </li> <li>Partition Availability Priority</li> <li>View Workload Management Groups</li> <li>Manage Custom Groups</li> <li>+ Manage Partition Data <ul style="list-style-type: none"> <li>Restore</li> <li>Initialize</li> <li>Backup</li> <li>Delete</li> </ul> </li> <li>Manage System Profiles</li> <li>+ Virtual Resources <ul style="list-style-type: none"> <li>Shared Processor Pool Management</li> <li>Virtual Storage Management</li> <li>Virtual Network Management</li> <li>Reserved Storage Device Pool Management</li> </ul> </li> </ul> </li> <li>+ Connections <ul style="list-style-type: none"> <li>Service Processor Status</li> <li>Reset or Remove Connections</li> <li>Disconnect Another Management Console</li> <li>Add Managed System</li> </ul> </li> <li>+ Hardware Information <ul style="list-style-type: none"> <li>+ Adapters <ul style="list-style-type: none"> <li>Host Ethernet</li> <li>Host Channel</li> </ul> </li> <li>View Hardware Topology</li> </ul> </li> <li>+ Updates <ul style="list-style-type: none"> <li>Change Licensed Internal Code for the current release</li> <li>Upgrade Licensed Internal Code to a new release</li> <li>Check System Readiness</li> <li>View system information</li> <li>SR-IOV Firmware Update</li> </ul> </li> <li>+ Serviceability <ul style="list-style-type: none"> <li>Manage Serviceable Events</li> <li>Create Service Event</li> <li>Reference Code History</li> <li>+ Control Panel Functions <ul style="list-style-type: none"> <li>(20) Type, Model, Feature</li> </ul> </li> <li>+ Hardware <ul style="list-style-type: none"> <li>Prepare For Hot Repair/Upgrade</li> <li>Exchange FRU</li> <li>Power On/Off Unit</li> </ul> </li> <li>+ MES Tasks <ul style="list-style-type: none"> <li>Add Enclosure</li> <li>Add FRU</li> <li>Close MES</li> <li>Open MES</li> <li>Remove Enclosure</li> <li>Remove FRU</li> </ul> </li> <li>Manage Dumps</li> <li>Collect VPD</li> </ul> </li> <li>+ FSP Failover</li> </ul>	<ul style="list-style-type: none"> <li>View System Partitions</li> <li>View System Properties</li> <li>View Performance Dashboard</li> <li>Performance Data Collection <ul style="list-style-type: none"> <li>Turn On/Off</li> <li>Export Data</li> </ul> </li> <li>Turn Attention LED Off...</li> <li>Scheduled Operations</li> <li>Updates <ul style="list-style-type: none"> <li>View System Information</li> <li>Change Licensed Internal Code -&gt; <ul style="list-style-type: none"> <li>for the Current Release</li> <li>to a New Release</li> </ul> </li> <li>Check System Readiness</li> <li>SR-IOV Firmware Update</li> </ul> </li> <li>Serviceable Event Manager ...</li> <li>Reference Code Log ...</li> <li>Reset or Remove System Connection</li> <li>View All Actions -&gt; <ul style="list-style-type: none"> <li>Operations -&gt; <ul style="list-style-type: none"> <li>Power Off</li> <li>Power On</li> <li>Power Management</li> <li>Schedule Operations</li> <li>Launch ASM</li> <li>Rebuild System</li> <li>Change System Password</li> </ul> </li> <li>Attention LED -&gt; <ul style="list-style-type: none"> <li>Turn Attention LED Off</li> <li>Identify Attention LED</li> <li>Test Attention LED</li> </ul> </li> <li>Connections -&gt; <ul style="list-style-type: none"> <li>Service Processor Status</li> <li>Reset or Remove System Connection</li> <li>Disconnect another Management Console</li> </ul> </li> <li>Templates -&gt; <ul style="list-style-type: none"> <li>Deploy System from Template</li> <li>Create Partition from Template</li> </ul> </li> <li>Capture Configuration as Template <ul style="list-style-type: none"> <li>with Physical I/O</li> <li>without Physical I/O</li> </ul> </li> <li>Updates -&gt; <ul style="list-style-type: none"> <li>View System Information</li> <li>Change Licensed Internal Code <ul style="list-style-type: none"> <li>for the Current Release</li> <li>to a New Release</li> </ul> </li> <li>Check System Readiness</li> <li>SR-IOV Firmware Update</li> </ul> </li> <li>Legacy -&gt; Partition Availability Priority/Manage <ul style="list-style-type: none"> <li>System Profiles</li> <li>Manage Partition Data <ul style="list-style-type: none"> <li>Restore</li> <li>Initialize</li> <li>Backup</li> <li>Delete</li> </ul> </li> </ul> </li> </ul> </li></ul>
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Setup Initiate <b>+ Capacity On Demand (CoD)</b> Enter CoD Code View History Log <b>+ Processor</b> View Capacity Settings <b>+ CUoD (permanent)</b> View Code Information <b>+ Trial CoD</b> Start Stop View Capacity Settings View Code Information <b>+ PowerVM</b> Enter Activation Code View History Log View Code Information <b>+ Enterprise Enablement</b> Enter Activation Code View History Log View Code Information <b>+ Other Advanced Functions</b> Enter Activation Code View History Log View Code Information Performance	
<b>Managing Servers</b>	
Systems Management -> Servers -> <managed system> -> Properties Performance	Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^Properties</b> General Settings Migration, Power-On Parameters, Capabilities, Advanced Processor, Memory, I/O <b>^Capacity</b> Performance Dashboard
Systems Management -> Servers -> <managed system> -> <b>+ Operations</b> Power On Power Off Power Management <b>+ LED Status</b> Deactivate Attention LED Identify LED Test LED Schedule Operations Launch Advanced System Management (ASM) Rebuild Change Password	Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^System Actions</b> <b>^Operations</b> Power On Power Off Power Management Schedule Operations Launch Advanced System Management (ASM) Rebuild System Change System Password <b>^Attention LED</b> Turn Attention :LED Off Identify Attention LED Test Attention LED
Systems Management -> Servers -> <managed system> -> <b>+ Operations</b> <b>+ Utilization Data</b> Change Sampling Rate View	Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^Legacy</b> Utilization Data * Change Sampling Rate View
Systems Management -> Servers -> <managed system> -> <b>+ Configuration</b> <b>+ Create Partition</b> AIX or Linux VIO Server IBM i <b>+ System Plans</b> Create Deploy	Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^Partitions</b> (Opens new pane to the right for navigation) Click right upper button "Create Partition" Create New Partition or Create using Templates hyperlink <b>^Power VM</b> <b>^Virtual I/O Servers</b> (Opens new pane to the right for navigation) Click right upper button "Create Virtual I/O Server" Add VIOS Wizard
Systems Management -> Servers -> <managed system> -> <b>+ Configuration</b> <b>+ System Plans</b> Create Deploy	<b>HMC Management -&gt; All System Plans</b> (Opens new pane to the right for navigation) Create Import Deploy
Systems Management -> Servers -> <managed system> -> <b>+ Configuration</b> <b>+ Virtual Resources</b> Shared Processor Pool Management Shared Memory Pool Management	Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^Power VM</b> Virtual I/O Servers Virtual Networks Virtual Storage

Virtual Storage Management Virtual Network Management Reserved Storage Device Pool Management	Hardware Virtualized I/O -> HEA/HCA Reserved Storage Pool Shared Processor Pool Shared Memory Pool
Systems Management -> Servers -> <managed system> -> Partition Availability Priority View Workload Management Groups Manage Custom Groups <b>+-- Manage Partition Data</b> Restore Initialize Backup Delete Manage System Profiles	Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^Legacy</b> Partition Availability Priority Manage System Profiles Manage Partition Data Restore Initialize Backup Delete
Systems Management -> Servers -> <managed system> <b>+-- Connections</b> Service Processor Status Reset or Remove Connections Disconnect Another Management Console Add Managed System	Resources -> All Systems -> No Selection (Right upper button) Connect Systems Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^System Actions</b> <b>^Connections</b> Service Processor Status Reset or Remove System Connection Disconnect another Management Console
Systems Management -> Servers -> <managed system> <b>+-- Hardware Information</b> <b>+-- Adapters</b> Host Ethernet -> Select Port -> Configure -> Speed/Duplex/MaxRecvPacketSz/Port GroupMCS/Promiscuous LPAR/Flow control enabled Host Channel View Hardware Topology	Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^Power VM</b> Hardware Virtualized I/O -> (Opens new pane to the right for navigation) HEA -> Select Adapter -> Modify HEA Adapter -> Port Group MCS HEA Adapter Ports list -> right click on port -> Modify Port -> Dedicated/Speed/Duplex/Owner/MaxRecvPacketSz/Flow Control HEA Adapter Ports list -> right click on port -> View Partitions HCA -> Launch Manage Host Channel Adapters To set Promiscuous Mode -> Resources -> All Systems -> Select <managed system> Select Partition/Select VIOS-> (Left Navigation) <b>^Virtual I/O</b> Hardware Virtualization -> HEA -> Select adapter -> right click -> Modify Port OR Actions -> Modify port -> Check or uncheck Dedicated Mode Mac Address Settings and VLAN ID Settings Hardware Virtualization -> HEA -> Select adapter -> right click -> Remove Port OR Actions -> Remove port
Systems Management -> Servers -> <managed system> <b>+-- Updates</b> Change Licensed Internal Code for the current release Upgrade Licensed Internal Code to a new release Check system readiness View system information SR-IOV Firmware Update	Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^System Actions</b> <b>^Updates</b> View System Information Change Licensed Internal Code for the Current Release to a New Release Check System Readiness SR-IOV Firmware Update
<b>Managed System Advanced Options</b>	
Systems Management -> Servers -> <managed system> -> Select Managed System -> Properties Click Advanced tab Display advanced settings -> Barrier Synchronization Register Huge Page Memory Memory Mirroring Processor Performance Virtual Trusted Platform Module	Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^Properties</b> -> General Settings Scroll to "Advanced" Barrier Synchronization Register (BSR) Huge Page Memory Memory Mirroring Processor Performance Virtual Trusted Platform Module
<b>Partition Management</b>	
Systems Management -> Servers -> <managed system> -> Select Managed System -> (Right Navigation) Select Partition Properties Change Default Profile <b>+-- Operations</b> <b>+-- Activate</b> Profile	Resources -> All Systems -> Select <managed system> -> (Right Navigation) Select Partition <b>^Partition Actions</b> <b>^Operations</b> Restart Shutdown Activate Schedule Operations

<ul style="list-style-type: none"> <li>Current Configuration</li> <li>Deactivate Attention LED</li> <li>Schedule Operations</li> <li>Delete</li> <li>+ <b>Mobility</b> <ul style="list-style-type: none"> <li>Migrate</li> <li>Validate</li> <li>Recover</li> </ul> </li> <li>+ <b>Suspend Operations</b> <ul style="list-style-type: none"> <li>Recover</li> </ul> </li> <li>+ <b>Configuration</b> <ul style="list-style-type: none"> <li>Manage Profiles</li> <li>Manage Custom Groups</li> <li>Save Current Configuration</li> </ul> </li> <li>+ <b>Hardware Information</b> <ul style="list-style-type: none"> <li>+ <b>Adapters</b> <ul style="list-style-type: none"> <li>Host Channel</li> <li>Host Ethernet</li> </ul> </li> </ul> </li> <li>+ <b>Dynamic Partitioning</b> <ul style="list-style-type: none"> <li>+ <b>Physical Adapters</b> <ul style="list-style-type: none"> <li>Move or Remove</li> </ul> </li> </ul> </li> <li>+ <b>Console Window</b> <ul style="list-style-type: none"> <li>Open Terminal Window</li> <li>Close Terminal Connection</li> </ul> </li> <li>+ <b>Serviceability</b> <ul style="list-style-type: none"> <li>Manage Serviceable Events</li> <li>Reference Code History</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Suspend Operations</li> <li>Recover</li> <li><b>^Console</b> <ul style="list-style-type: none"> <li>Open Terminal Window</li> <li>Close Terminal Window</li> </ul> </li> <li><b>^Templates</b> <ul style="list-style-type: none"> <li>Capture Partition as a Template</li> </ul> </li> <li><b>^Profiles</b> <ul style="list-style-type: none"> <li>Change Default Profile</li> <li>Manage Profiles</li> </ul> </li> </ul>
<b>Partition Properties</b>	
<p>Systems Management -&gt; Servers -&gt; &lt;managed system&gt; -&gt; Select Managed System -&gt; Select &lt;partition name&gt; -&gt; Properties</p> <p>General tab -&gt;</p> <ul style="list-style-type: none"> <li>Allow performance information collection</li> <li>Allow this partition to be suspended</li> <li>Virtual Trusted Platform Module (VTPM)</li> <li>Sync current configuration Capability</li> </ul> <p>Settings tab -&gt;</p> <ul style="list-style-type: none"> <li>Boot</li> <li>Boot Mode</li> <li>Keylock position</li> <li>Automatically start with the managed system</li> </ul> <p>Service and support</p> <ul style="list-style-type: none"> <li>Connection monitoring</li> <li>Service partition</li> <li>Redundant error path reporting</li> <li>Time reference</li> </ul> <p>Other tab</p> <ul style="list-style-type: none"> <li>Workload management <ul style="list-style-type: none"> <li>Partition workload group</li> <li>Workload group</li> </ul> </li> <li>Power controlling partitions</li> </ul>	<p>Resources -&gt; All Systems -&gt; Select &lt;managed system&gt; -&gt; Partitions load (Right Navigation)</p> <p>Select &lt;partition name&gt; -&gt; Actions -&gt; View Partition Properties</p> <ul style="list-style-type: none"> <li>Virtualization Capabilities (Suspend/Resume)</li> <li>Remote Restart</li> </ul> <p>Click right upper box "Advanced"</p> <p>Advanced Settings</p> <ul style="list-style-type: none"> <li>Enable Connection Monitoring</li> <li>Enable Redundant Error Path Reporting</li> <li>Enable Time Reference</li> <li>Disable Migration</li> <li>Service Partition</li> <li>Maximum Virtual Adapters</li> <li>Save configuration changes to profile</li> <li>Enable Performance Information Collection</li> </ul>
<b>Serviceability Options</b>	
<p>Systems Management -&gt; Servers -&gt; &lt;managed system&gt; -&gt;</p> <p><b>Serviceability -&gt;</b></p> <ul style="list-style-type: none"> <li>Manage Serviceable Events</li> <li>Create Service Event</li> <li>Reference Code History</li> </ul> <p><b>Control Panel Functions</b></p> <p>(20) Type, Model, Feature</p> <p>Manage Dumps</p> <p>Collect VPD</p>	<p>Resources -&gt; All Systems -&gt; Select &lt;managed system&gt; -&gt; (Left Navigation)</p> <p><b>Serviceability -&gt;</b></p> <ul style="list-style-type: none"> <li>Tasks Log</li> </ul> <p><b>Serviceability</b> (Opens new pane to the right for navigation)</p> <p><b>View and Collect</b></p> <ul style="list-style-type: none"> <li>Serviceable Events Manager</li> <li>Create Serviceable Events</li> <li>Manage Dumps</li> <li>Collect VPD</li> </ul> <p><b>Control Panel Functions</b></p> <p>(20) Type, Model, Feature</p> <ul style="list-style-type: none"> <li>Reference Code Log</li> <li>RIO Configuration</li> <li>PCI Configuration</li> </ul>
<p>Systems Management -&gt; Servers -&gt; &lt;managed system&gt; -&gt;</p> <p><b>Serviceability -&gt;</b></p> <p><b>Hardware -&gt;</b></p> <ul style="list-style-type: none"> <li>Prepare for Hot Repair/Upgrade</li> </ul>	<p>Resources -&gt; All Systems -&gt; Select &lt;managed system&gt; -&gt; (Left Navigation)</p> <p><b>Serviceability -&gt; Serviceability</b> (Opens new pane to the right for navigation)</p> <p><b>Hardware Operations</b></p> <ul style="list-style-type: none"> <li>Prepare for Hot Repair/Upgrade</li> </ul>



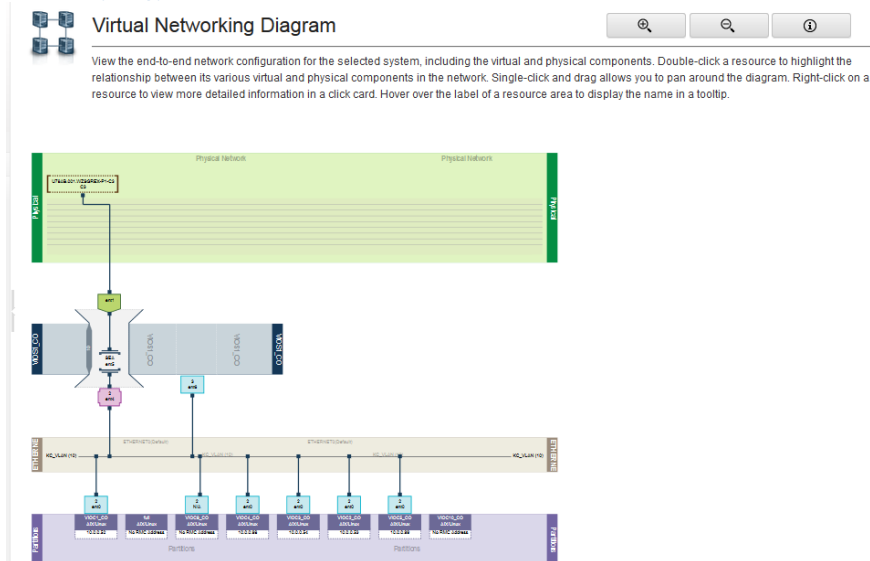
Exchange FRU Power On/Off Unit <b>MES Tasks</b> Add Enclosure Add FRU Close MES Open MES Remove Enclosure Remove FRU <b>FSP Failover</b> Setup Initiate	Power On/Off Unit <b>FRU Tasks</b> Add FRU Exchange FRU Remove FRU <b>Enclosure Tasks</b> Add Enclosure Remove Enclosure <b>MES Tasks</b> Open MES Close MES <b>FSP Failover</b> Setup Initiate
<b>Capacity Upgrade On Demand</b>	
Systems Management -> Servers -> <managed system> -> <b>+ Capacity On Demand (CoD)</b> Enter CoD Code View History Log <b>+ Processor</b> View Capacity Settings <b>+ CUD (permanent)</b> View Code Information <b>+ Trial CoD</b> Stop/Start View Capacity Settings View Code Information <b>+ Memory</b> View Capacity Settings <b>+ CUD (permanent)</b> View Code Information <b>+ Trial CoD</b> Stop/Start View Capacity Settings View Code Information <b>+ PowerVM</b> Enter Activation Code View History Log View Code Information <b>+ Enterprise Enablement</b> Enter Activation Code View History Log View Code Information <b>+ Other Advanced Functions</b> Enter Activation Code View History Log View Code Information	Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>^ Capacity On Demand</b> CoD Functions (Opens new pane to the right for navigation) Enter CoD Code View CoD History Log <b>Capacity On Demand Processor</b> View Processor Settings <b>CUD (permanent) Processor</b> View CUD Code Information <b>On/Off Processor</b> Manage View Billing Information View Capacity Settings View Code Information <b>Utility Processor</b> Manage View Capacity Settings View Code Information View Shared Processor Utilization <b>Trial Processor</b> Start/Stop Trial View Capacity Settings View Code Information <b>Capacity On Demand Memory</b> View Memory Settings <b>CUD (permanent) Memory</b> View CUD Code Information <b>On/Off Memory</b> Manage View Billing Information View Capacity Settings View Code Information <b>Utility Memory</b> Manage View Capacity Settings View Code Information View Shared Processor Utilization <b>Trial Memory</b> Start/Stop Trial View Capacity Settings View Code Information Licensed Capabilities
<b>Groups and Power Enterprise Pools</b>	
Systems Management -> Servers -> <b>+ Custom Groups</b> All Partitions All Objects	Resources -> All Groups (Opens new pane to the right for navigation) Click upper right button "Create a Group"
Systems Management -> Servers -> Power Enterprise Pools	Resources -> All Power Enterprise Pools (Opens new pane to the right for navigation) PEP Wizard for Create Pool and Pool Management > Compliance/Total Mobile Resources/Available Mobile
<b>Management of the HMC and Administration</b>	
<b>HMC Management</b> <b>Operations</b> View Management Console Events	<b>HMC Management</b> <b>Console Settings</b> (Opens new pane to the right for navigation) Launch Guide Setup Wizard

<ul style="list-style-type: none"> <li>Shut Down or Restart</li> <li>Scheduled Operations</li> <li>Format Media</li> <li>Back Up Management Console Data</li> <li>Restore Management Console Data</li> <li>Save Upgrade Data</li> <li>Change Network Settings</li> <li>Test Network Connectivity</li> <li>View Network Topology</li> <li>Tip of the Day</li> <li>View Licenses</li> <li>Change Default User Interface Settings</li> <li>Change User Interface Settings</li> <li>Change Performance Monitoring Settings</li> <li>Change Date and Time</li> <li>Launch Guided Setup Wizard</li> </ul> <p><b>Administration</b></p> <ul style="list-style-type: none"> <li>Change User Password</li> <li>Manage User Profiles and Access</li> <li>Manage Task And Resource Roles</li> <li>Manage Users and Tasks</li> <li>Manage Certificates</li> <li>Manage Certificate Revocation List</li> <li>Configure KDC</li> <li>Configure LDAP</li> <li>Remote Command Execution</li> <li>Remote Virtual Terminal</li> <li>Remote Operation</li> <li>Change Language and Locale</li> <li>Create Welcome Text</li> <li>Manage Data Replication</li> <li>Manage Install Resources</li> <li>Manage Virtual I/O Image Repository</li> </ul>	<p><b>Network Settings</b></p> <ul style="list-style-type: none"> <li>View Network Topology</li> <li>Test Network Connectivity</li> <li>Change Network Settings</li> </ul> <p><b>Performance Settings</b></p> <ul style="list-style-type: none"> <li>Change Performance Monitoring Settings</li> </ul> <p><b>Other Settings</b></p> <ul style="list-style-type: none"> <li>Change Date and Time</li> <li>Change Language and Locale</li> <li>Create Welcome Text</li> </ul> <p><b>Console Management</b> (Opens new pane to the right for navigation)</p> <p><b>Management</b></p> <ul style="list-style-type: none"> <li>Shut Down or Restart the Management Console</li> <li>Schedule Operations</li> <li>View Licenses</li> <li>Update the Hardware Management Console</li> </ul> <p><b>Maintenance and Data</b></p> <ul style="list-style-type: none"> <li>Format Media</li> <li>Backup Management Console Data</li> <li>Restore Management Console Data</li> <li>Save Upgrade Data</li> <li>Manage Data Replication</li> </ul> <p><b>Templates and OS Images</b> (Opens new pane to the right for navigation)</p> <ul style="list-style-type: none"> <li>System   Partition   OS and VIOS Images</li> <li>Import</li> <li>Select template -&gt; Action -&gt;</li> <li>View/Edit/Copy/Delete/Deploy/Export</li> <li>OS and VIOS Images <ul style="list-style-type: none"> <li>Manage Install Resource</li> <li>Manage Virtual I/O Server Image</li> </ul> </li> </ul> <p><b>All System Plans *</b> (Opens new pane to the right for navigation)</p> <ul style="list-style-type: none"> <li>Create</li> <li>Import</li> </ul>
<p><b>HMC Management</b></p> <p><b>Administration</b></p> <ul style="list-style-type: none"> <li>Change User Password</li> <li>Manage User Profiles and Access</li> <li>Manage Task And Resource Roles</li> <li>Manage Users and Tasks</li> <li>Manage Certificates</li> <li>Manage Certificate Revocation List</li> <li>Configure KDC</li> <li>Configure LDAP</li> <li>Remote Command Execution</li> <li>Remote Virtual Terminal</li> <li>Remote Operation</li> </ul>	<p><b>Users and Security</b></p> <p><b>Users and Roles</b> (Opens new pane to the right for navigation)</p> <p><b>Users</b></p> <ul style="list-style-type: none"> <li>Change User Password</li> <li>Manage User Profiles and Access</li> <li>Manage Users and Tasks</li> </ul> <p><b>Roles</b></p> <ul style="list-style-type: none"> <li>Manage Task and Resource Roles</li> </ul> <p><b>Systems and Console Security</b></p> <p><b>Security Administration</b></p> <ul style="list-style-type: none"> <li>Manage Certificates</li> <li>Manage Certificate Revocation List*</li> <li>Manage LDAP</li> <li>Manage KDC</li> </ul> <p><b>Remote Control</b></p> <ul style="list-style-type: none"> <li>Enable Remote Command Execution</li> <li>Enable Remote Operation</li> <li>Enable Remote Virtual Terminal</li> </ul>
<b>Service Management/Serviceability</b>	
<p><b>Service Management</b></p> <ul style="list-style-type: none"> <li>Create Serviceable Event</li> <li>Manage Serviceable Event</li> <li>Events Manager for Call Home</li> <li>Format Media</li> <li>Manage Dumps</li> <li>Transmit Service Information</li> </ul> <p><b>Connectivity</b></p> <ul style="list-style-type: none"> <li>Enable Electronic Service Agent</li> <li>Manage Outbound Connectivity</li> <li>Manage Inbound Connectivity</li> <li>Manage Customer Information</li> <li>Authorize User</li> <li>Manage Serviceable Event Notification</li> <li>Manage Partition Connection Monitoring</li> <li>Electronic Service Agent Setup Wizard</li> </ul>	<p><b>Serviceability</b></p> <p><b>Tasks Log</b> (New feature shows all the tasks and the status, initiator, start time, duration (also viewable on the right hand menu under Tasks)</p> <p><b>Console Events Log</b></p> <p><b>Serviceable Events Manager</b> (Manage Serviceable Events)</p> <p><b>Events Manager for Call Home</b> (Opens new pane to the right for navigation)</p> <ul style="list-style-type: none"> <li>Manage Consoles</li> <li>Event Criteria</li> <li>Events</li> </ul> <p><b>Service Management</b> (Opens new pane to the right for navigation)</p> <p><b>Serviceability</b></p> <ul style="list-style-type: none"> <li>Create Serviceable Event</li> <li>Manage Dumps</li> <li>Transmit Service Information</li> <li>Format Media</li> </ul> <p><b>Connectivity</b></p> <ul style="list-style-type: none"> <li>Electronic Service Agent Setup Wizard</li> </ul>

	Authorize User Enable Electronic Service Agent Manage Outbound Connectivity Manage Inbound Connectivity Manage Customer Information Manage Serviceable Event Notification Manage Connection Monitoring
<b>Code Update</b>	
<b>Updates</b> Update HMC Select <managed system> View system information Change Licensed Internal Code for the current release Upgrade Licensed Internal Code to a new release Check system readiness	<b>For HMC:</b> <b>HMC Management</b> <b>Console Management</b> (Opens new pane to the right for navigation) Update the Hardware Management Console  <b>For Managed Systems:</b> Resources -> All Systems -> Select <managed system> -> (Left Navigation) <b>System Actions -&gt; Updates</b> (Each task below launches a new working window pop-up in classic GUI format) View System Information <i>Change Licensed Internal Code</i> for the Current Release to a New Release Check System Readiness SR-IOV Firmware Update

## Enhanced GUI Advantages

### Network Topology



## Storage Topology



### System Virtual Storage Diagram



View the virtual storage configuration for the selected system, including the physical and virtual components of system storage. This diagram displays a high level overview of the contents of the system rather than the specific component relationships. Double-click a resource to highlight the relationship between its various virtual and physical components. Single-click and drag, allows you to pan around the diagram. Right-click on a resource to view more detailed information in a click card. Hover over the label of a resource area to display the name in a tooltip.



## Optional views for System and LPAR Objects



### Box View

The screenshot displays the 'Box View' interface for managing systems. The top navigation bar shows 'fahmc Resources > All Systems'. The main heading is 'All Systems'. Below this, there is a filter dropdown set to 'All' and a search bar containing 'operating'. A 'Connect Systems...' button is visible. The interface shows two system cards:

- Server-8408-E8E-SN10D6E8V**: Status is 'Operating'. It has 32 CPU (0 CPU Available) and 256.0 GB (0.0 GB Available) of memory.
- Server-9119-MME-SN21AEB7**: Status is 'Operating'. It has an 'Attention LED' warning, 64 CPU (15 CPU Available), and 512.0 GB (0.0 GB Available) of memory.

**List View**

fahmc Resources > All Systems

### All Systems

All operating Connect Systems...

View and monitor the state, health, and capacity information of all the systems that are connected to the management console.

Actions Total: 2 Selected: 0

<input type="checkbox"/>	Name	System State	Attention LED	Reference
<input type="checkbox"/>	Server-8408-E8E-SN10D6E8V	Operating	Off	
<input type="checkbox"/>	Server-9119-MME-SN21AEBA7	Operating	On	

10 | 20 | 30 | 50

Shortcuts to menus

**Resources and Performance Dashboard**

All Systems All Standby Connect Systems...

View and monitor the state, health, and capacity information of all the systems that are connected to the management console.

Actions Total: 1 Selected: 0

<input type="checkbox"/>	Name
<input type="checkbox"/>	Server-8286-41A-SNTU00008

#### Server-8286-41A-SNTU00008

Data Collection

Processors (CPU)  
Installed: 6  
Activated: 6  
Available: 5

Memory  
Installed: 64.0 GB  
Activated: 64.0 GB  
Available: 59.0 GB

[View Performance Dashboard](#)

Number of Partitions	Number of VIOS
2	0

10 | 20 | 30 | 50

**Additional Information and firmware level**

All Systems All operating Connect Systems...

View and monitor the state, health, and capacity information of all the systems that are connected to the management console.

Actions Total: 1 Selected: 0

<input type="checkbox"/>	Name
<input type="checkbox"/>	Server-8286-41A-SNTU00008

**Server-8286-41A-SNTU00008**

The system is **Operating**

Attention LED

Reference Code:  
Machine Type: 8286-41A  
Serial Number: TU000008  
System Location:  
Firmware: SV840\_FW840.30 (139)  
Group tags:



## Relational view

**All Systems** Connect Systems... Open All Close All

View and monitor the state, health, and capacity information of all the systems that are connected to the management console. The relational view shows the partitions and the virtual I/O servers of each system.

8231-E2C-100982R | System

Actions Total: 9 Selected: 0

	Name	Partition State	Partition ID	IP Address	Attention LED	Reference Code	OS Type	Processor Usage	Memory A
<input type="checkbox"/>	VIOC10_CO	Open firmware	9	-	Off	AA00E1A8	ADLinux		1.000
<input type="checkbox"/>	VIOC1_CO	Open firmware	3	-	Off	AA00E1A9	ADLinux		1.000
<input type="checkbox"/>	VIOC2_CO	Open firmware	4	-	Off	CA00E1F5	ADLinux		1.000
<input type="checkbox"/>	VIOC3_CO	Open firmware	5	-	Off	AA00E158	ADLinux		1.000
<input type="checkbox"/>	VIOC4_CO	Open firmware	6	-	Off	AA00E158	ADLinux		1.000
<input type="checkbox"/>	VIOC5_CO	Open firmware	7	-	Off	AA00E158	ADLinux		1.000
<input type="checkbox"/>	VIOC8_CO	Open firmware	8	-	Off	AA00E158	ADLinux		1.000
<input type="checkbox"/>	VIOS1_CO	Running	2	-	Off	0c31	Virtual IO Server		8.250
<input type="checkbox"/>	full	Not activated	1	-	Off	00000000	ADLinux		0.000

10 | 20 | 30 | 50

## Tasks Log

**Tasks**

All 0 25 133

Activate partition (8231-E2C-100982R>VIOC9_8231-E2C-100982R > VIOC9_CO	8:22 AM
Change network settings	7:47 PM
Manage user profiles and access	08-09-2017
Change network settings	07-25-2017
Shut down or restart the management console	07-25-2017
Change the date and time for the management console	07-25-2017
Change network settings	07-12-2017
Manage user profiles and access	07-11-2017

## Appendix:

### Demo

Nigel's HMC 870 Enhanced GUI demo:

[https://www.youtube.com/watch?v=RRexXDp4gxc&feature=youtu.be&cm\\_mc\\_uid=83274121593515029014082&cm\\_mc\\_sid\\_50200000=1502985391](https://www.youtube.com/watch?v=RRexXDp4gxc&feature=youtu.be&cm_mc_uid=83274121593515029014082&cm_mc_sid_50200000=1502985391)

### Techdocs for Enhanced GUI

Dynamic Partitioning:

How to Dynamically Add/Remove Virtual Ethernet Adapters Using the New HMC "Enhanced" GUI

<http://www-01.ibm.com/support/docview.wss?uid=nas8N1020484>

How to DLPAR Virtual Fibre Channel Adapters Using the HMC Enhanced GUI

<http://www-01.ibm.com/support/docview.wss?uid=nas8N1020483>

Dumps:

HMC V8 enhanced: Initiating a System Dump

<http://www-01.ibm.com/support/docview.wss?uid=nas8N1021886>

How to Initiate a Resource Dump from the HMC - V8 Enhanced GUI

<http://www-01.ibm.com/support/docview.wss?uid=nas8N1021901>

HMC Version 7 and later: Retrieving an FSP or System Dump Using the HMC

<http://www-01.ibm.com/support/docview.wss?uid=nas8N1014349>

Performing a Main Storage Dump (MSD) on an HMC Managed Server

<http://www-01.ibm.com/support/docview.wss?uid=nas8N1015896>

User Roles:

8 Enhanced: Creating a customized task role to allow HMC 5250 Remote Console

<http://www-01.ibm.com/support/docview.wss?uid=nas8N1022222>

### Presentations and Developerworks

#### HMC V8 R8.6.0 Enhanced UI Updates

<https://www.ibm.com/developerworks/community/wikis/home?lang=en#/wiki/Power%20Systems/page/HMC%20V8%20R8.6.0%20Enhanced%20UI%20Updates>

Synchronize Current Configuration and configuration change on inactive partition in HMC Enhanced UI

<https://www.ibm.com/developerworks/community/wikis/home?lang=en#/wiki/Power%20Systems/page/Synchronize%20Current%20Configuration%20and%20configuration%20change%20on%20inactive%20partition%20in%20HMC%20Enhanced%20UI>

Partition Virtual Storage Management using HMC Enhanced UI

<https://www.ibm.com/developerworks/community/wikis/home?lang=en#/wiki/Power%20Systems/page/Partition%20Virtual%20Storage%20Management%20using%20HMC%20Enhanced%20UI>

Virtual Network Management with HMC Enhanced UI

<https://www.ibm.com/developerworks/community/wikis/home?lang=en#/wiki/Power%20Systems/page/Virtual%20Network%20Management%20with%20HMC%20Enhanced%20UI>