

Below are some questions (and answers) that were asked during the **Session 67: HMC 870 Enhanced+ Graphical User Interface (GUI) Live Demo** session.

Provided as-is on 17th August 2017.

Q) Can the new POWER based virtual HMC (vHMC) run in POWER6/7 servers as a PowerVM LPAR?

A) The POWER vHMC requires POWER8 and requires a LPAR - so you can't re-purpose older machines, sorry.

POWER Linux based KVM Virtual machine is not supported.

Q) Is there a way to export the view for connectivity diagrams?

A) You can export any of the Topology Diagrams to PNG/PDF using the top right advanced features pop-down then Export -> Export to data to PNG or Export to data to PDF

Q) Are System Plans back in the Enhanced GUI+ in 870?

A) Yes

Q) How can we login FC in the SAN with the Enhanced+ ?

From the Enhanced+ GUI

From the main menu **Partition** -> Select your **PartitionName** -> From the menu select **Virtual Storage** -> Select the **Virtual Fibre Channel** tab

It will list your **Virtual Fibre Channel Devices** (if any)

From here can **Add a a Virtual Fibre Channel Device**.

Once you have a FC Device you can see the WWPN pair and their status

You can also **Log In** and **Log Out**

Q) How is the performance compared to 860? Is it faster again?

A) Just by personal observation the HMC 870 software is a little faster than 860 (screen updates start a little faster) which is much faster than 850.

Using HMC 870 on a POWER8 machine is a little faster again - but I expect the POWER8 HMC to handle lots more users, background task, REST API, remote command executions etc. because it has 6 POWER8 CPUs and SMT=8 i.e. 48 concurrent threads rather than the 2 or 4 in the Intel HMCs.

Q) What are the requirements for running virtual HMC on Power system?

A) vHMC will only run on POWER8 since Little Endian is required.

POWER8 with 830 or greater level firmware.

Nigel suggests a good starting config would be 4 CPUs, 16 GB of memory and two x 2 TB disks.

Check the Readme details for a minimum and recommended config, when it is actually released.