**VMware ESXi**

The core of the vSphere product suite is the hypervisor, which is the virtualization layer

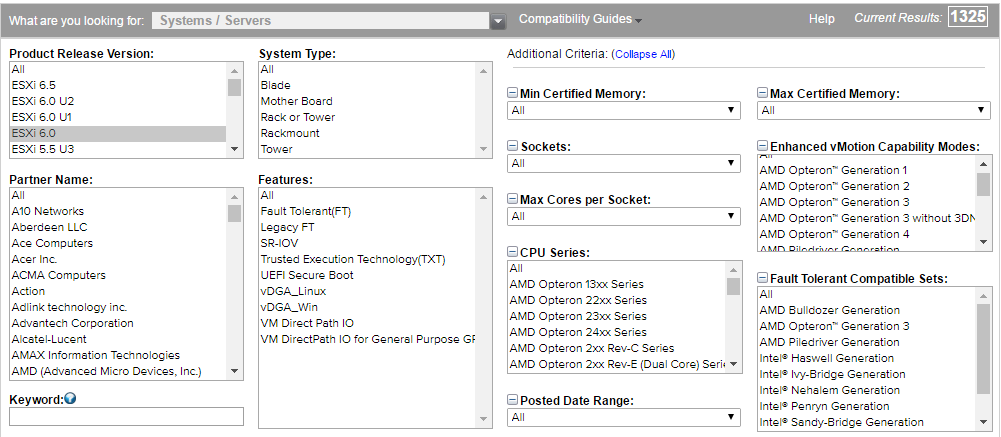
**Type 1 and Type 2 Hypervisor**

**Planning the ESXi Server Deployment.**

* **Hardware Compatibility Checks:-**

ESXi Server requires a specific set of hardware components in order to be supported by VMware. Before purchasing or deploying ESXi Servers, Confirm the software compatibility of the hardware to be used.

<http://www.vmware.com/resources/compatibility/search.php>



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* **Plan an ESXi deployment**

To plan a vSphere deployment, you must answer a number of questions (please note that this list is far from comprehensive):

What types of servers will I use for the underlying physical hardware?

What kinds of storage will I use, and how will I connect that storage to my servers? How will the networking be configured?

These issues center on how the vSphere deployment will impact your staff, your business processes, and your operational procedures.

* **What is Required for Fibre Channel over Ethernet Support?**

Fibre Channel over Ethernet (FCoE) is a somewhat newer storage protocol. However, because FCoE was designed to be compatible with Fibre Channel, it looks, acts, and behaves like Fibre Channel to ESXi. As long as drivers for the FCoE converged network adapter (CNA) are available—and this is where you would go back to the VMware Compatibility Guide again—support for FCoE should not be an issue.