

vtAlpha version 2.3 Release Notes

Changes since the last version

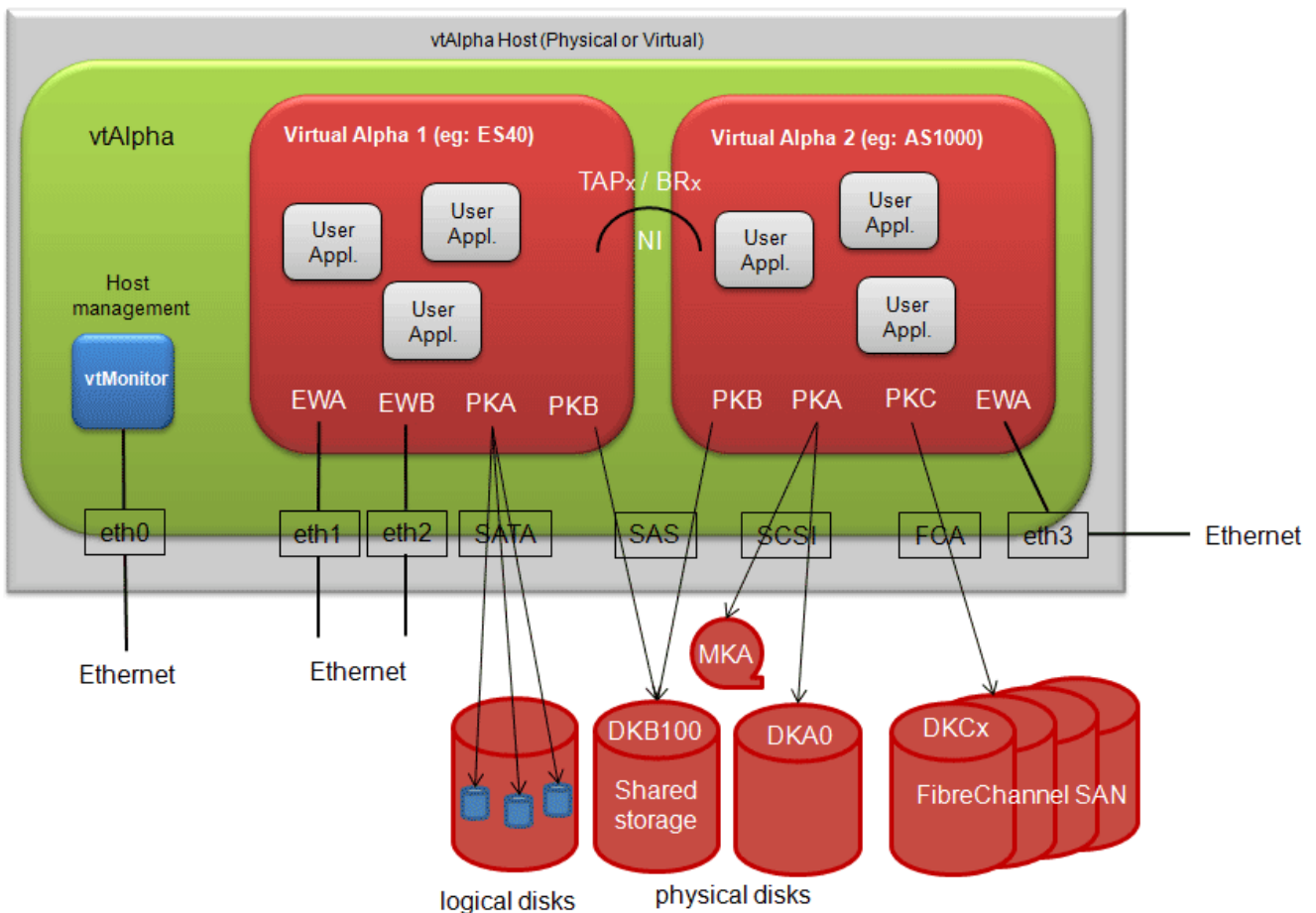
FibreChannel storage support

The main change in version 2.3. is that vtAlpha (and with that your virtual Alpha's) can now use storage space on a FibreChannel SAN.

Please note that version 2.3 includes the first stage of the FibreChannel support which allows you to attach the host to FibreChannel devices. It does not yet propagate the full FibreChannel functionality to the Alpha operating systems OpenVMS or Tru64. The Alpha software sees the storage still as SCSI-devices, which will be presented with the DKxxxx-reference.

Therefore FibreChannel clustering, etc is not supported. You can only reference to your storage via DKxxxx device names, so you may have to adjust logical names pointing at these disks.

Full FibreChannel support will become available in a next release, probably Q2/2012.



This image shows a vtAlpha installation, that has turned the x86-host into a virtual Alpha environment in which you can run multiple virtual Alpha's. In this example 2. These two virtual Alpha's can store Alpha disks as logical disks on the host storage, where the Alpha disks are container files in a directory (Virtual Alpha 1, PKA). Or it can connect to physical disks (virtual Alpha 2, PKA), it can share disks (PKB in both virtual Alpha's) , or it can connect to storage elements in a FibreChannel SAN (virtual Alpha 2, PKC).

For this purpose vtAlpha includes support for SATA, SAS, SCSI and FibreChannel storage adapters.

For FibreChannel support we have qualified FCA's from Emulex and Qlogic, these are most widely used. Others may work too, but are not tested by us.