

Often different workloads have different resource type requirements
Like t-shirts there are different fits!
Different VM series have different focus in terms of resource ratios
Within a series there are sizes with resources proportionally increasing
Some VMs have vCPU constrained options to meet licensing requirements
Processor measured in ACU

• In ARM there is more than just the VM
• VM [spot]
• NC[s] (connected to a subnet)
• OS disk (managed disk, could be ephemeral in cache/temp space)
• Temp disk (normally, some do not have)
• Data disks (cache options)
• Extensions
• [Public IP]
• [Infiniband, GPU, NVMe]
• Availability Set, Availability Zone, Proximity Placement Groups
• [Managed identity]

125

Windows Linux Large number of images in Azure marketplace Create your own images and can make easily available through shared image gallery Then apps inside and other agents as required

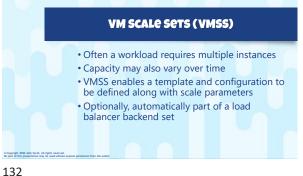
• VMs can encounter various types of issues and maintenance
 • Planned maintenance (VM no-reboot vs reboot)
 • Unplanned hardware maintenance
 • Unexpected downtime
 • Remember to use Availability Sets/Availability Zones to reduce impact (FDs and UDs)
 • Multiple regions in case of region outage

129

127

ONLY CHILD OPTIONS VMs are normally placed on a host with resources from other tenants • There are options where the host is dedicated • Isolated VMs • Dedicated host • Azure Stack Hub, Edge and HCI (on-premises) · Bare-metal such as SAP HANA solutions 130







questions?

133



134