

# VM Benchmarks

VM Setup	VM Only	VM + D100	VM + D150
1 Cores 1GIG Memory Network Bridged	30 Session  SW Media Processing  <ul style="list-style-type: none"> <li>No Transcoding</li> <li>No SRTP</li> </ul> *	60 Sessions  HW Media Processing  <ul style="list-style-type: none"> <li>Transcoding</li> <li>SRTP</li> <li>VQE</li> </ul>	120 Sessions  HW Media Processing  <ul style="list-style-type: none"> <li>Transcoding</li> <li>SRTP</li> <li>VQE</li> </ul>
2 Cores 2GIG Memory Network Bridged	60 Session  SW Media Processing  <ul style="list-style-type: none"> <li>No Transcoding</li> <li>No SRTP</li> </ul> *	120 Sessions  HW Media Processing  <ul style="list-style-type: none"> <li>Transcoding</li> <li>SRTP</li> <li>VQE</li> </ul>	400 Sessions HW Media Processing  <ul style="list-style-type: none"> <li>Transcoding</li> <li>SRTP</li> <li>VQE</li> </ul>
4 Cores 2GIG Memory Network Bridged	120 Session  SW Media Processing  <ul style="list-style-type: none"> <li>No Transcoding</li> <li>No SRTP</li> </ul> *	400 Sessions  HW Media Processing  <ul style="list-style-type: none"> <li>Transcoding</li> <li>SRTP</li> <li>VQE</li> </ul>	TBA
Host Platform: ICore7 3.4Ghz Quad Core, Windows Hyper-V			

## VM Only

Software Only Solution

- SIP Signaling handled in Application
- RTP Media handled in Applications

## VM + D100

Software + Hardware Solution

- SIP Signaling handled in Application (VM)
- RTP Media handled in Hardware
- RTP Media routed through VM Kernel
- Single IP address for Signaling and Media

## VM + D150

Software+ Hardware Solution

- SIP Signaling handled in Application (VM)
- RTP Media handled in Hardware
- Media does not traverse through the VM at all.
- Different IP for Signaling and Media