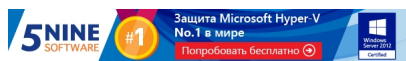


Автор:
16.01.15 04:07 -

16/01/2015

Реклама:



Пост:

Не все из вас знают, что у компании Teradici, чей протокол PCoIP используется в инфраструктуре виртуальных ПК [VMware Horizon View](#), есть интересный и полезный калькулятор для расчета необходимых параметров канала при доступе к виртуальным ПК - [Teradici PCoIP bandwidth calculator](#). Напомним, что

мы писали о нем [тут](#).

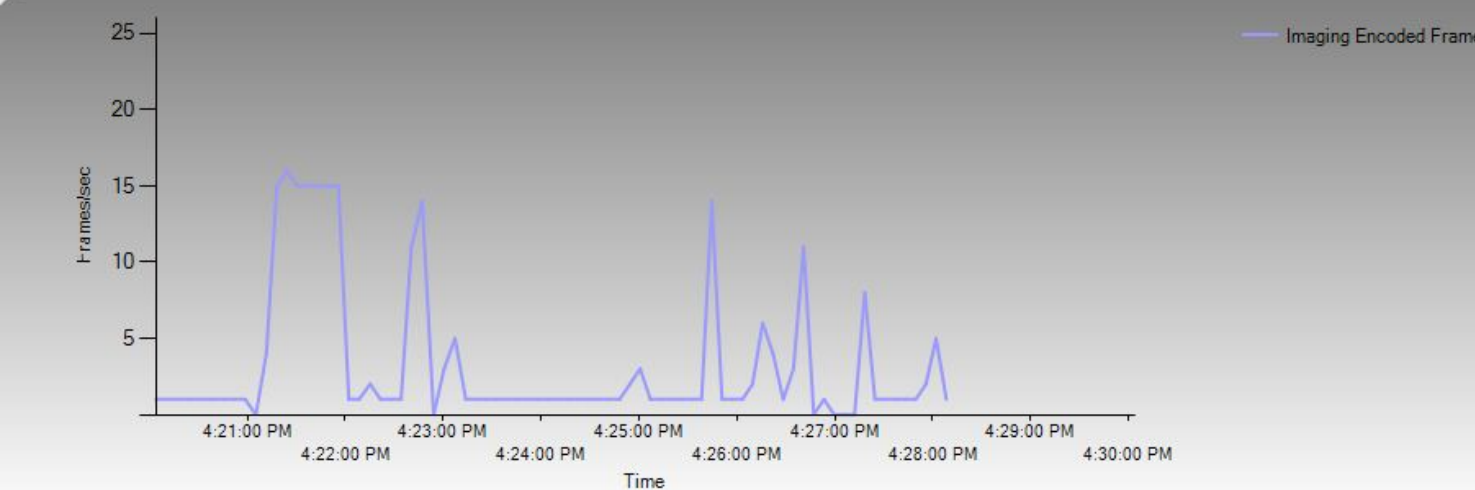
Калькулятор не только отвечает на основной вопрос VDI - сколько нужно полосы пропускания для доступа пользователей инфраструктуры к своим десктопам с учетом используемой нагрузки - но и показывает некоторые другие параметры.

| Sample Virtual Desktop User Categories | | | | | | | | | | | | | | | | | | |
|---|-------------------------------|----------------------|-----------------------|-----------------|--------------------|------|------|------|-------|-------------|----------|---------------|-----------------|------|-------------------|-------------------|--|-----------------------|
| Example Virtual Desktop User Categories | General Office | | | | Video Resolution | | | | | Video Usage | | Audio Quality | | | | | 3D Graphics (CAD, Creation, or equivalent) | |
| | Simple Screen Data/Text Entry | Basic Office and Web | Fast window switching | Win7 Aero Glass | Embedded Web Flash | 360p | 480p | 720p | 1080p | Occasional | Frequent | No Audio | Compressed Mono | Mono | Compressed Stereo | CD Quality Stereo | Occasional image review | Static image analysis |
| Task Worker | ✓ | | | | | | | | | | | ✓ | | | | | | |
| Basic Office | ✓ | ✓ | | | ✓ | | | | | | | ✓ | ✓ | | | | | |
| Office Productivity | ✓ | ✓ | | | ✓ | ✓ | ✓ | | | ✓ | | | | ✓ | | | | |
| Advanced Office | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | | | | ✓ | | | | |
| Basic CAD - WAN | ✓ | ✓ | | | ✓ | ✓ | ✓ | | | ✓ | | | | ✓ | | | ✓ | |
| Basic CAD - LAN | ✓ | ✓ | | | ✓ | ✓ | ✓ | | | ✓ | | | | ✓ | | | ✓ | |
| Video User | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | | | | ✓ | | |
| Power User - Video | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | | ✓ | | |
| Power User - CAD | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | | ✓ | | ✓ | ✓ | |
| Extreme User | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | | ✓ | ✓ | ✓ |

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| Sample Virtual Desktop User Categories | | | | | | | | | |
|--|---------------------------------|------------------------------|--|------------------------------|---|---|-------------------------------|--------------------|--|
| Example Virtual Desktop User Categories | Estimated Bandwidth Consumption | | Bandwidth Settings | | | Imaging Settings | | | Windows Experience Optimiz |
| | Average Bandwidth | Minimum Bandwidth for Bursts | PCoIP Bandwidth Limit (kbps) | Audio Bandwidth Limit (kbps) | PCoIP Bandwidth Floor (kbps) | Minimum Image Quality | Maximum Initial Image Quality | Maximum Frame Rate | |
| Task Worker | <70 kbps | 500 kbps | 500 kbps | disable audio * | N/A | 40 | 70 | 8 | Ye |
| | <100 kbps | 1Mbps | 1Mbps | disable audio * | N/A | 50 | 70 | 15 | Ye |
| Basic Office | <150 kbps | 750 kbps | 750 kbps+ | 50 kbps | N/A | 40 | 70 | 15 | Ye |
| Office Productivity | <250kbps | 1 to 3 Mbps | 3 Mbps+ | 90 kbps | N/A | 50 | 90 | 20 | Limit |
| | <600 kbps | 5 Mbps | 5 Mbps+ | 200 kbps | N/A | 50 | 90 | 24 | Limit |
| Advanced Office | <1.25 Mbps | 7 Mbps | 7 Mbps+ | 450 kbps | N/A | 50 | 90 | 30 | No |
| | <2.5 Mbps | 10 Mbps+ | 10 Mbps+ | 1.6 Mbps | N/A | 50 | 90 | 30 | No |
| Basic CAD - WAN | 1Mbps+ | 2 Mbps+ | 2 Mbps+ | 90 kbps | N/A | 40 | 70 | N/A | Ye |
| Basic CAD - LAN | 3 Mbps+ | 10 Mbps+ | 10 Mbps+ | 90 kbps | N/A | 40 | 70 | N/A | No |
| Video User | 7 Mbps+ | 30 Mbps+ | 30 Mbps+ | 1.6 Mbps | N/A | 40 | 90 | N/A | No |
| Power User - Video | 30 Mbps+ | 50 Mbps+ | 90 Mbps+ | 1.6 Mbps | N/A | 40 | 90 | N/A | No |
| Power User - CAD | 30 Mbps+ | 70 Mbps+ | 120 Mbps+ | 450 kbps | N/A | 40 | 90 | N/A | No |
| Extreme User | 80 Mbps+ | 120 Mbps+ | 220 Mbps+ | 1.6 Mbps | N/A | 40 | 90 | N/A | No |
| Actual average and peak bandwidth required can vary greatly across users and enterprise environments. Your deployment may require more, or less than these suggested values. | | | Recommend not setting unless you are in a known constrained and/or WAN environment | | Recommend not setting unless you are in an environment with known packet loss | Adjustments to these initial recommendations may be needed for known constrained networks or long latency WAN networks. | | | Optimizing Experience appear vs menu item background optimization drawing window only during |

Настройка параметров VDI-инфраструктуры для обеспечения оптимальной производительности ПК



Вот какие параметры можно вывести с помощью этой утилиты:
 В отчете также предусмотрена возможность отображения графиков:
[Real-time VDI Bandwidth Usage](#) - график реального использования полосы пропускания VDI-канала для