



## CONSELHO REGIONAL DE ENFERMAGEM DE SÃO PAULO

### ESCLARECIMENTOS Nº 3

#### Pregão Eletrônico nº 30/2023

Considerando o questionamento recebido a respeito da licitação nº 30/2023, o Coren-SP torna público:

*“Em referência ao item “2.7.2. Desempenho mínimo dos equipamentos (throughput mínimo) conforme Datasheet do fabricante: 2.7.2.1. UTM/NGFW (Full com todas as funcionalidades de segurança): 3.5Gbps;”, entendemos que fornecendo equipamento que atenda as funcionalidades de FireWall, Application Control e IPS dentro do throughput mínimo de 3,5Gbps atendemos ao edital.*

*Está correto nosso entendimento?”*

*Segue as especificações:*

	FG-90G	FG-100F	FG-200F	FG-400F
Firewall Throughput (1518/512/64 byte UDP)	28 / 28 / 27.9 Gbps	20 / 18 / 10 Gbps	27 / 27 / 11 Gbps	79.5 / 78.5 / 70 Gbps
IPsec VPN Throughput (512 byte) <sup>1</sup>	25 Gbps	11.5 Gbps	13 Gbps	55 Gbps
IPS Throughput (Enterprise Mix) <sup>2</sup>	4.5 Gbps	2.6 Gbps	5 Gbps	12 Gbps
NGFW Throughput (Enterprise Mix) <sup>2,4</sup>	2.5 Gbps	1.6 Gbps	3.5 Gbps	10 Gbps
Threat Protection Throughput (Ent. Mix) <sup>2,5</sup>	2.2 Gbps	1 Gbps	3 Gbps	9 Gbps
Firewall Latency	3.23µs	4.97µs	4.78 µs	4.19 µs / 2.5 µs <sup>8</sup>
Concurrent Sessions	1.5 Million	1.5 Million	3 Million	7.8 Million
New Sessions/Sec	124000	56000	280000	500000
Firewall Policies	5000	10000	10000	10000
Max G/W to G/W IPSEC Tunnels	200	2000	2000	2000
Max Client to G/W IPSEC Tunnels	2500	16000	16000	50000
SSL VPN Throughput	1.4 Gbps	1 Gbps	2 Gbps	3.6 Gbps <sup>9</sup>
Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode)	500	500	500	5000
SSL Inspection Throughput (IPS, avg. HTTPS) <sup>3</sup>	2.6 Gbps	1 Gbps	4 Gbps	8 Gbps
Application Control Throughput (HTTP 64K) <sup>2</sup>	6.7 Gbps	2.2 Gbps	13 Gbps	28 Gbps
Max FortiAPs (Total / Tunnel)	96 / 48	128 / 64	256 / 128	512 / 256
Max FortiSwitches	24	32	64	72
Max FortiTokens	500	5000	5000	5000
Virtual Domains ( Default/Max)	10 / 10	10 / 10	10 / 10	10 / 10
Interfaces	8x GE RJ45, 2x 10GE Shared Port Pairs	2x 10 GE SFP+, 18x GE RJ45, 4x Shared Port Pairs, 8x GE SFP	4x 10 GE SFP+, 18x GE RJ45, 8x GE SFP	8x 10GE SFP+ , 8x GE SFP, 18 x GE RJ45
Local Storage	120 GB (91G)	480 GB (101F)	480 GB (201F)	960 GB (401F)

#### Resposta da Área Técnica:

Pelo print encaminhado pelo licitante, os itens indicados abaixo são os exigidos em Edital em termos de throughput.

Sobre o atendimento ou não, reforçamos que o próprio fornecedor deverá comprovar todos os itens relatados no Edital, ponto a ponto, conforme detalhamento no Edital e seus Anexos.



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São Paulo, 19 de Setembro de 2023.

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Pregoeira**

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