



**EUROPEAN UNION RULE OF LAW MISSION IN KOSOVO**

**EULEX KOSOVO**

Ndertesë Farmëd  
 “Muharrem Fejza” p.n.  
 Lagja e Spitalit  
 10 000 Pristina, Kosovo  
 Tel: + (381) 38 78 2000  
<http://www.eulex-kosovo.eu>

**CLARIFICATIONS (2)**

**PUBLICATION REFERENCE: ( EuropeAid/138026/IH/SUP/XK) Purchase of Next Generation Firewall (Lot 1) and Network Load Balancers (Lot 2) (PROC/635/16)**

**Questions regarding Tender Dossier**

No	ITEM	Question	Answer
1		<ol style="list-style-type: none"> <li>1. Are you setting up a perimeter firewall (North to South only)?</li> <li>2. Are you setting up an in-line firewall? (North to South and East to West traffic)</li> <li>3. Are putting the NGFW in the center of the network will allow you to see, inspect, protect and control the data between different kind of network segments. This because the danger is also in the network it self!</li> <li>4. What is the minimum download file size that you need to scan (like updates, ISO)? (Think about drive-by downloads and large files like Adobe Flash 60MB, 85MB + JAVA ISO DVD etc.)</li> <li>5. What kind of Sandbox environment are you looking for? Must the sandbox block and log the zero day or, just log the zero day without blocking?</li> <li>6. What minimum stateful packet inspection throughput are you looking for (SPI).</li> <li>7. What minimum deep packet inspection security throughput are you looking for (DPI) DPI is the throughput with all security features on (Full DPI/GatewayAV/Anti-Spyware/IPS)                         <ol style="list-style-type: none"> <li>a. Application inspection throughput?</li> <li>b. Anti-malware inspection throughput?</li> <li>i. IMIX throughput?</li> </ol> </li> <li>8. The only value that is being ask for is the SPI connections table. What is the minimum value when turning on the security</li> </ol>	<ol style="list-style-type: none"> <li>1. No, we don't have requirement for setting up a perimeter firewall.</li> <li>2. Yes, it will be used as TMG proxy replacement.</li> <li>3. Please refer to the topology diagram specified Annex II, Technical Specifications, of the tender dossier.</li> <li>4. We don't have requirement for minimum download file size that need to be scanned.</li> <li>5. Proposed solution must <b>block and log</b> zero day attacks.</li> <li>6. We require minimum 50 GBps. Please refer to firewall throughput defined in Annex II, Technical Specifications, of the tender dossier.</li> <li>7. We require minimum 1.5 Gbps NGFW throughput with all security features enabled. <b>(see Corrigendum no.1)</b></li> <li>8. We require minimum 1.5 Gbps NGFW throughput with all security features enabled. <b>(see Corrigendum no.1)</b></li> </ol>

	<p>features like Anti-malware inspection.</p> <p>9. What minimum firewall security inspection throughput on SSL Inspection and Decryption (DPI SSL) are you looking for?</p> <p>10. What kind of internet connection speed (upload/download) do you have?</p> <p>11. Must the firewall be able to do full duplex security scanning?</p> <p>12. What minimum RDS/CTX servers are running in the network?</p> <p>13. What minimum amount of devices are you running in the network?</p> <p>14. What minimum amount of BYOD devices are you running in the network?</p> <p>15. What minimum amount of (SSL) web servers are you running in the DMZ,LAN?</p> <p>16. Are the 2 non spare Firewalls are intended to be configured a simple HA and/or Load-Sharing cluster or at two different locations?</p> <p>17. Are the 2 logging appliances are to be installed at the same location in HA or are they supposed to serve different firewalls and different locations?</p> <p>18. What are the REAL performance requirements? REAL means: that matches their Internet access and internal firewalling throughput requirements, REAL means: real traffic and not UDP/1500bytes, REAL means: desired services turned on including IPS.</p> <p>19. Ref.: Technical Specification / Next Generation Firewall LOT 1 / General Specification  <i>"The solution must have separate and dedicated hardware appliance for logging, monitoring and/or management purposes"</i>  Question 1: What is the required level of logging, monitoring and managing. Basic, meaning the appliance will perform some basic logging, monitoring and managing tasks or advanced, meaning the appliance will perform in depth logging, monitoring and managing tasks?</p> <p>20. Ref.: Technical Specification / Next Generation Firewall LOT 1 / URL Filtering</p>	<p>9. The proposed solution must handle SSL inspection for minimum 1500 users defined in General specification.</p> <p>10. We use two different providers with current speed of 1 Gbps. However, this may be upgraded in the future.</p> <p>11. Full duplex security scanning is not a requirement.</p> <p>12. RDS/CTX servers not relevant to the required installation and topology needs.</p> <p>13. Annex II, Technical Specifications, of the tender dossier, i.e. the solution must handle traffic from at least 1500 internal users.</p> <p>14. BYOD devices are not requirement.</p> <p>15. Please refer to the specified Installation and Topology needs stipulated in Annex II, Technical Specifications, of the tender dossier.</p> <p>16. Both firewalls must be installed in 2 different locations and should be configured in HA mode supporting load balancing capabilities.</p> <p>17. Both logging appliance must be installed in 2 different locations.</p> <p>18. We require minimum 1.5 Gbps throughput with all security features enabled. Please refer to IPS firewall throughput defined in Annex II, Technical Specifications, of the tender dossier.</p> <p>19. Required level is advanced logging, monitoring and managing.</p> <p>20. It is not acceptable Time Frames to be applicable only for URL Filtering.</p>
--	--	--

	<p>and Application Control  <i>"URL Filtering / Application Control must include capabilities to filter based on specific timeframes"</i>          Is it acceptable if Time Frames are only applicable for URL Filtering and not for Application Control?</p> <p>21. Ref.:Technical Specification / Next Generation Firewall LOT 1 / URL Filtering and Application Control  <i>" URL Filtering / Application Control must visually indicate hit counts on policies / rules defined, which will enable the administrator to automatically see usage statistics"</i>          Question 3: Is it acceptable if the Hit Counts on policies / rules are visually indicated on another appliance and not in Next Generation Firewall appliance itself, appliance for logging for instance?</p> <p>22. Ref.:Technical Specification / Next Generation Firewall LOT 1 / URL Filtering and Application Control  <i>"Solution must provide mechanisms to limit application usage based on bandwidth consumption / specified quota"</i>          Is it acceptable if the Quota is applicable only for URL Filtering and not for Application Control?</p> <p>23. Ref.:Technical Specification / Next Generation Firewall LOT 1 / VPN Capabilities  <i>"Must support all cipher suites for IKE Phase I and II IKEv2"</i>          Is it acceptable if only IKE Phase I is supported?</p> <p>24. Ref.:Technical Specification / Next Generation Firewall LOT 1 / Logging and Monitoring  <i>"Monitoring should provide system information for each appliance: Operating System, Processor Usage, Memory utilization, HDD partition information"</i>          Question 6: Is this monitoring going to take place in the Next Generation Firewall itself or in another appliance dedicated for Monitoring and is it acceptable if the monitoring does not include Operating System information?</p>	<p>21. It is acceptable the Hit Counts on policies/rules to be visually indicated on another manufacture hardware appliance.</p> <p>22. It is not acceptable the defined quota to be applicable only for URL Filtering.</p> <p>23. No, it is not acceptable only IKE I support.</p> <p>24. No, it is not acceptable. Monitoring must include all Operation System information.</p> <p>25. Logging appliances must be pre-installed on its own hardware appliances.</p>
--	---	--

	<p>25. Ref.: Technical Specification / Next Generation Firewall LOT 1 / Logging Appliance Specs  <i>"Must be in the form of a dedicated Hardware Appliance (2 identical hardware appliances)"</i>  Does dedicated hardware mean that the appliance will have to come pre-installed on its own hardware or can the appliance be installed on another hardware?</p> <p>26. Ref.: Supply Contract Notice/ Terms of Participation/ 15. Period of implementation of tasks/ Llot1 /  <i>"All installation and configuration activities must be completed within 2 weeks after the delivery according to the requirements and provided topology diagram"</i>  Can you define installation and configuration? Does it mean the entire implementation?</p> <p>27. Ref.: Tender Dossier/ Tender Guarantee/  Can we provide the Tender guarantee by Financial Institution like Insurance Company that are in Kosovo?</p> <p>28. Reference: The solution must have Sandboxing capabilities  Question 1: Since there are no specifications for Sandboxing in the tender document, we understand that the offered solution should support sandboxing technology without offering licenses and/or hardware. Please confirm.</p> <p>29. Reference: Real time monitoring must include real time URL connections through the gateway and link specific entries to rules that generated them.  Question 2: Such feature can impact GW performance, is it enough to provide real time connections list and details about URLs and rules in form of near-realtime log?</p> <p>30. Reference: Capabilities for a minimum 6GB per day (logs).  Question 3: For the functionalities requested in the tender dossier a solution with 3.5GB of logs per day is compliant. The request for 6GB per day exceeds current functionality requirements and increase overall project</p>	<p>26. The entire solution implementation must be completed in 2 weeks after the delivery as stipulated in Article 19, Period of implementation of the tasks, of the draft contract special conditions, of the tender dossier.</p> <p>27. Yes.</p> <p>28. We require software licenses for <b>all components</b> including Sandboxing and <b>all features must be unlocked</b> without any hidden cost.</p> <p>29. It is not acceptable. We require link specific entries to rules.</p> <p>30. It is not acceptable. We require capabilities for minimum 6 GB logs per day.</p>
--	---	---

	<p>costs, which we find not necessary. Please confirm that a solution with minimum of 3.5GB of logs per day is acceptable.</p> <p>31. Reference: Next Generation Firewall Technical Specs-hardware Question 4: Please specify and confirm that 10Gbps interfaces (RJ-45 or SFP+) is required to be offered.</p> <p>32. Please confirm that for future expansion the offered solution must be capable of supporting 40Gbps interfaces?</p>	<p>31. We require minimum 10 Cooper 10/100/1000 RJ45 ports and minimum 2 SFP Plus 10 GB ports with MM modules (<b>see Corrigendum no.1</b>)</p> <p>32. We do not require support for 40 GB interfaces.</p>
--	---	--