Pearson
Higher Nationals in

Computing

ASSESSMENT BRIEF - 01

Unit: 5 Security

For use with the Higher National Certificate and

Higher National Diploma in Computing

Brief Number: 1

First teaching from

Issue   1

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Higher National Certificate/Diploma in Computing

Assessment Brief

Student Name/ID Number	
Unit Number and Title	**5: Security**
Academic Year	
Unit Tutor	
Assignment Title	
Issue Date	
Submission Date	
IV Name & Date	

Submission Format
The submission is in the form of a ten-minute Microsoft® PowerPoint® style presentation to be presented to your colleagues. The presentation can include links to performance data with additional speaker notes and a bibliography using the Harvard referencing system. The presentation slides for the findings should be submitted with speaker notes. You are required to make effective use of headings, bullet points and subsections as appropriate. Your research should be referenced using the Harvard referencing system. The recommended word limit is 500 words, including speaker notes, although you will not be penalised for exceeding the total word limit.

Learning Outcomes
LO1. Assess risks to IT security.   **LO2.** Describe IT security solutions.
Assignment Brief and Guidance
*Please note that assignment guidance is for reference only and should be more specific in detail to meet customised needs.   You have been appointed as a trainee IT Security Specialist at Lithan Academy. You have been given the responsibility to create an engaging presentation to help train junior staff members on the tools and techniques associated with identifying and assessing IT security risks together with the organisational policies to protect business critical data and equipment.   Your presentation should include: • Security legislation, technology solutions brief and the management associated with operating effective IT security procedures.   • A review of different security technologies supported with the tools and software used to develop effective IT security practice in an organisation.   *Please access HN Global for additional resources support and reading for this unit. For further guidance and support on report writing please refer to the Study Skills Unit on HN Global. Link to www.highernationals.com

Learning Outcomes and Assessment Criteria			
LO1 Assess risks to IT security	**P1** Identify types of security risks to organisations. **P2** Describe organisational security procedures.	**M1** Propose a method to assess and treat IT security risks.	**D1** Investigate how a 'trusted network' may be part of an IT security solution.
LO2 Describe IT security solutions	**P3** Identify the potential impact to IT security of incorrect configuration of firewall policies and third-party VPNs. **P4** Show, using an example for each, how implementing a DMZ, static IP and NAT in a network can improve Network Security. (Prepare a Logical diagram)	**M2** Discuss three benefits to implement network monitoring systems with supporting reasons.	