



SCORE:
GRADE:
1st Attempt
2nd Attempt
PASS / FAIL

ASSESSMENT PLAN

DIN: (Version 1.0) Level 6, Credits 45

Diploma in Networking

ASSESSMENT 4 PART A

Outcome: To enable students to explore an area of specialization in the area of networks and Network administration

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PROJ100 - Specialisation Project

Student ID No: _____

Student Name: _____

Date: _____

Assessor: _____

Candidate's Instructions

You are being **assessed** against the Essential for the Diploma in Networking

- This is a **project based assessment**. **You must complete all the tasks.**
- If you do not understand any of the instructions, **ask your assessor before** starting to design project. You may also inform the assessor about any **special needs** that you may require before completing this assessment.
- You are expected to complete this assessment in **Four weeks**.
- If not competent, you can repeat the assessment and can book the time with the tutor for **resubmission**.
- This is an **open book activity**. Reference materials (i.e. Books, Internet, and Phones & Tablets) allowed in the completion of this assessment.
- Assistance by other students or the lecturer allowed during the assessment.
- Your completed assessment paper is the property of Yoobee Colleges and **should never be removed** from the premises at any time.
- If you wish to discuss your assessor's grading, please talk to the Team Leader/Campus Manager who will advise you of the Yoobee Colleges appeals procedure.

Please confirm that you have understood this section.

Student's Signature: _____ **Date:** _____

Project Instructions

You are required to create a technical report, a presentation and a proof of concept environment to sell the company on an upgrade plan.

There may be questions about your report, presentation and proof of concept environment.

Brief: Adatum is currently running a server 2003 R2 environment on x86 and they have 2 Domain controllers, 1 DNS server and 1 DHCP server and 10 Clients Running windows 8.1. The company is wanting to upgrade to a server 2016 environment as the company is always expanding; it needs to be able to expand easily for new clients and can keep the whole infrastructure updated, as well as recover and still run in case of a failure.

Your technical report and presentation should include:

- A. Server hardware specifications
- B. Plan for new and current server roles including licensing requirements
- C. Upgrade plan with designing architecture using supported networking tools
- D. Plan for redundancy and backups
- E. And additional roles and feature that would aid the company

Your proof of concept environment should include:

- A. Network and Server infrastructure
- B. Required and Additional servers
- C. Required and additional roles and features that would aid the company
- D. Redundancy and backups
- E. Health and Safety requirements

Project Preparation Guideline: Students can use exiting Microsoft technologies knowledge with previously completed practical activities and lab scenarios. Online research must be referenced.

Suggested tools for project preparation:

- Windows Server 2016 Datacenter edition with installed Hyper-V feature
- Application software to design network infrastructure
- Forms and planning manuals
- Recorded security issues and warning
- Contracts and maintenance manuals for clients
- Licensing records
- Manuals of Privacy Act 1993

Outcome Grading

Grade		Score Band
A+	Achieved with Excellent	90 - 100%
A	Approaching Professional	85 - 89%
A-	Very Good Understanding	80 - 84%
B+	Good Understanding	75 - 79%
B	Achieved with Satisfactory	70 - 74%
B-	Satisfactory	65 - 69%
C+	Sufficient	60 - 64%
C	Adequate	55 - 59%
C-	Pass with Poor Performance	50 - 54%
D	Fail or Not Yet Competent	below 50%

Your Grade is determined by the percentage of the Outcome question you get correct other than Critical areas where if it is not done correct it is considered automatically as a Grade D.

The overall grade for all questions will determine your final Grade.

To pass this assessment a grade of C- is required.

Outcomes

Learning Outcomes Covered (PC 8.1, 8.2, 8.3, 9.1, 11.1, 11.2)	Score	Max
Server hardware specifications	10	
Plan for new and current server roles including licensing requirements	10	
Upgrade plan with designing architecture using supported networking tools	10	
Plan for redundancy and backups	10	
And additional roles and feature that would aid the company	10	
Network and Server infrastructure	10	
Required and Additional servers	10	
Required and additional roles and features that would aid the company	10	
Redundancy and backups	10	
Health and Safety requirements	10	
Total	100	

Assessor's General Comments

Assessor's Signature an Date

Student's Signature and Date
