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| Task No. | 1 | Task Title | | First Day Assessment | | | | Due Date | 03/10/16 | |
| Unit / Module details | | | | | | | | | | |
| Qualification/Course | | | Code | **ICT60515** | Title | **ADVANCED DIPLOMA OF COMPUTER SYSTEMS TECHNOLOGY** | | | | |
| Unit/Module | | | Code | **ICTNWK525** | Title | Configure an Enterprise Virtual Computing Environment | | | | |
| Assessment details | | | | | | | | | | |
| Assessor | | | Assessor’s name | | Murad Quazi | | Assessor’s phone | | | 92546131 |
|  | | | Assessor’s email | | [mquazi@kangan.edu.au](mailto:mquazi@kangan.edu.au) | | | | | |
| Elements / Learning outcomes | | | Element 1 | | | | | | | |
| Task overview*(see below for specific instructions and criteria)* | | | In this Assessment, students are required to answer the following  1. What do you mean by Hypervisor? **A hypervisor is a program that provides an abstraction layer from the netwotk layer. Hypervisors allow nerwork engineers to create virtual networks that are completely independent from the underlying physical network. The hypervisor enable segments of a virtual network to be managed independently and to be arranged dynamically.**  2. List few Hypervisors in the Market?  **Heres a few hypervisors on the market. Type1 hypervisors**  **Linus KVM (Kernal based virtual machine) VMware Xen Microsoft Hyper V Type2 hypervisors Xvisor Oracle VirtualBox.**  3. What is Software Defined Data Centre (SDDC) Mean? **A SDDC is a data storage facility in which all infrastructure elements networking, storage, CPU and security are virtualized and sent out as a service. The three major parts of SDDC are.  Network Virtualization combines network resources by splitting the available bandwidth into virtual independent channels.  Storage virualization pools physical storage from multiple network storage devices into what appears to be a single storage device managed from a central console.  Server virtualization Masks server resources, including the number of individual physical servers, processors and operating systems from server uses.**  4. Explain in your own words, what are the advantages of SDDC? **The benefits of using a Software Defined Center is that it can extend the benefits of automation into any IT service delivery workflow. It also simpliefies data center by creating a single platform for monitoring, updating and upscaling server, storage and networking resources** | | | | | | | |
| Assessment conditions | | | This information is to be handed to each student to outline the assessment requirements.  • This is open book assessment, which means, students need to do the reasonable amount of research.  • Students are required to use computer lab  • Read the Plagiarism policy and procedure carefully to understand the consequences that you could face if your work is plagiarized.   * Please attach all the relevant Screen shots of the Assessment. * Each screen shots require the description of the task achieved. * Students need to submit the signed lab form from the teacher. * Its student’s responsibility to complete the assessment and get it checked by the teacher. * Assessments after the due date or incomplete, will not be accepted. * Students need to inform the teacher if they need extension in submission date. | | | | | | | |
| Resources | | | Resources are available through MyLearning | | | | | | | |
| How to submit | | | Electronic Copy | | | | | | | |

| Assessment instructions and criteria |
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With the Graded assessment **all** assessment requirements for each assessment task must be assessed as satisfactory **(S)** for a Pass **(P)** result to be recorded. If an assessment result for any task is assessed as not satisfactory **(NS)** a resubmission will be required for the outstanding **(NS)** assessment task or the result will be **(F).**

**Marking Criteria**

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| **Grade** |  |
| NP  0-49% | * Assessment aims have not been met |
| CA | * All questions answered satisfactorily |

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| Student details | | | | | | | | | | | |
|  | Student’s name | | | Benjamen Calleja | | Student’s ID | | | Cal14385330 | | |
| Unit/Module details | | | | | | | | | | | |
| Unit/Module | Code | | **ICTNWK525** | Title | **Configure an Enterprise Virtual Computing Environment** | | | | | | |
|  | Task title | | First Day Assessment | | | | | | | | |
| Assessment feedback / comments | | | | | | | | | | | |
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| Re-submission (where applicable) | | | | | | | | | | | |
| Unsatisfactory tasks are to be re-submitted according to the details below. Type NA if not applicable. | | | | | | | | | | | |
| **Task (or component of task) to be re-submitted** | | **Additional evidence required** | | | | | **Re-Submission date** | | | **S** | **NS** |
| Task for re-submission | | Evidence | | | | | Date | | |  |  |
| Task for re-submission | | Evidence | | | | | Date | | |  |  |
| Task for re-submission | | Evidence | | | | | Date | | |  |  |
| Result for this assessment task | | | | | | | | | | | |
|  | Your final result for this unit will be provided on the ***Unit Result Record*** at completion of all assessment tasks | | | | | | | | | | |
|  | Result | | | Choose an item. | | | | | | | |
|  | Assessor’s signature | | |  | | | **Date** |  | | | |