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| **Batch: B1 Roll No.:16010121045**  **Experiment / assignment / tutorial No.1**  **Grade: AA / AB / BB / BC / CC / CD /DD**  **Signature of the Staff In-charge with date** |

Experiment No: 1

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| Title: Study of Cloud Computing & Architecture |

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| **Aim and Objective of the Experiment:** |
| To study cloud computing architecture  To explore any 5 Desktop-as- a-Service |

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| **COs to be achieved:** |
| **CO1:** Comprehend the issues related to cloud computing and its application |

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| **Theory:** Cloud Computing provides us means of accessing the applications as utilities over the Internet. It allows us to create, configure, and customize the applications online.  The term Cloud refers to a Network or Internet.  Cloud models   * Deployment models * Service models   Deployment models:  The cloud deployment model identifies the specific type of cloud environment based on ownership, scale, and access, as well as the cloud’s nature and purpose.   * Public * Private * Hybrid * Community cloud |
| **Service models**   * [Infrastructure as a Service (IaaS)](https://www.javatpoint.com/cloud-service-models#IaaS) * [Platform as a Service (PaaS)](https://www.javatpoint.com/cloud-service-models#PaaS) * [Software as a Service (SaaS)](https://www.javatpoint.com/cloud-service-models#SaaS) * Desktop as a Service(DaaS)   **Desktop as a service**  **Desktop as a Service (DaaS)** is a cloud computing offering where a service provider delivers virtual desktops to end users over the Internet, licensed with a per-user subscription. The provider takes care of backend management for small businesses that find creating their own virtual desktop infrastructure to be too expensive or resource-consuming. This management typically includes maintenance, backup, updates, and data storage.  Cloud service providers may also handle security and applications for the desktop, or users may manage these service aspects individually.  **Tabular comparative analysis between the DaaS services :**    **TASK: ( paste the screenshots)** |

**Conclusion:** Explored various DaaS services and compared them .

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| **References**   1. <https://www.vmware.com/in/topics/glossary/content/desktop-as-a-service.html#:~:text=Desktop%20as%20a%20Service%20(DaaS)%20is%20a%20cloud%20computing%20offering,with%20a%20per%2Duser%20subscription>. 2. <https://aws.amazon.com/workspaces/> |