

Project 1 . Azure Cloud Infrastructure Deployment and Management

Week 1: Azure Fundamentals & Setup

- **Task:** Define cloud computing, cloud models, and benefits. Set up an Azure subscription and create a Resource Group.
- **Deliverables:** Document outlining cloud concepts, a configured Azure subscription, and Resource Group setup.

Week 2: Deploy and Manage Azure Resources

- **Task:** Deploy virtual machines (VMs) and configure network settings (virtual networks, subnets). Install and configure Azure Active Directory (Azure AD).
- **Deliverables:** Configuration documentation of deployed VMs and network settings, and Azure AD setup report.

Week 3: Implement Storage Solutions

- **Task:** Set up Azure storage accounts, configure Blob Storage, and set up backup solutions for VMs and files.
- **Deliverables:** Storage configuration report, including Blob Storage setup, and backup solution implementation.

Week 4: Final Integration and Documentation

- **Task:** Integrate all components, test the setup, and prepare a final report. Present the project findings and setup to stakeholders.

Deliverables: Final project report, presentation, and a summary of testing results.