# **DP201 - Designing an Azure Data Platform Solution**

## Lab 6 – Designing for Efficiency and Operations

**Exercise 1**

**Task 1: Maximize the efficiency of your cloud environment.**

List the Azure price calculator below:

|  |
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| https://azure.microsoft.com/en-us/pricing/calculator/ |

Provide a list of best practises that the IS department should follow to minimize costs.

|  |  |  |
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| # | Best practise | Service |
| 1 | Save deployments as templates rather than be dependent on user’s manual creation |  |
| 2 | Set up schedules for scaling resources during busy times/months. (autoscaling) |  |
| 3 | Creating resource groups by importance/cost/access. |  |
| 4 | Standard base images for VM’s |  |
| 5 | Have documentation for all aspects of azure. Source control, disaster recovery plans |  |
| 6 | Ensure all patching and updates are done on IaaS environments |  |
| 7 | Estimate vm’s/computes/storage slightly high and adjust as needed |  |
| 8 | Monitor system via dashboards and perfmon. |  |
| 9 |  |  |