Example: Cost of Large Cloud Solution

MEMSET COSTS

Item	Calculation	Cost Per Month
35 VM's @ IL2*	730 Hours per month 5 x 30 GB RAM VM @ 0.370 PH 15 x 15 GB RAM VM @ 0.210 PH 10 x 8 GB RAM VM @ 0.110 PH 5 x 2 GB RAM VM @ 0.030 PH	£4,562.50
8 Additional VM's for four months of the year	8 x 2 GB RAM VM @ 0.030 PH	£175.20
1 Terabyte of Cloud Storage	0.10p Per GB per month	£100.00
Windows OS Licenses + 3 SQL Server Std Edition Licenses.	5 x 30 GB RAM VM @ 0.134 PH 15 x 15 GB RAM VM @ 0.090 PH 10 x 8 GB RAM VM @ 0.052 PH 5 x 2 GB RAM VM @ 0.018 PH 3 SQL Std @ 0.34 PH	£2,664.50
10 Terabytes of Bandwidth	0.10p per GB per month	£1,000.00
Total Upfront Costs		£0.00
Total Cost of Ownership over 3 years	Above costs x 36 (excluding the temporary VM's)	**£299,772.00 Ex VAT**

UK VENDOR 2014 – USING VMWARE

Component	Notes	Cost calculation	Cost
Upfront costs			
None			£0.00
Recurring costs			
35 VMs (various sizes)	IL2 at BASIC service level. Running 24x7 = 730 hours per month	5 x Large HM @ £0.90/VM/hr 15 x Medium @ £0.28/VM/hr 10 x Small @ £0.15/VM/hr 5 x Tiny @ £0.13/VM/hr	£7,920.50
8 additional VMs four months per year	Additional 8 VMs to handle peak load **one month per quarter only**	8 x Small @ £0.15/VM/hr including OS license	£951.92 [3]
Additional 1000GB Storage		£0.35 per GB per month	£350.00
Windows and SQL Licenses	SPLA licenses for Microsoft Windows and SQL	5 x Large HM @ £0.526/VM/hr 15 x Medium @ £0.026/VM/hr 10 x Small @ £0.013/VM/hr 5 x Tiny @ £0.007/VM/hr	£2,325.05
10TB Internet Bandwidth	Required for developers to access the IL2 environment	£0.12 per GB per month	£1,200.00
Totals			
Total upfront costs			£0.00
Total recurring costs over 3 years			£436,062.84
Total costs (ex VAT)			£436,062.84

OVERALL Summary

Cost of Large Cloud Solution	Memset	UK VENDOR	Diff	
Total upfront costs	£0	£0		
Total cost over 3 yrs.	£299,772	£436,063		
Total	£299,772	£436,063	**£136,291**	saving