

# Phased Adoption of Recommendations

Last updated by | Paul Kelleher | 17 Jun 2020 at 07:45 GMT

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## Initial Focus

From looking at the previous billed amounts, the cost savings sought should be achievable without drastic measures or changes

For all VBL understand the most expensive resources and resource types

## VMs

1. 1st pass should be development systems
2. 2nd pass should be other non-production instances
3. With the autostart/resize processes tested on DEV and SysTest, we should have the technical solutions tried and verified for planning into production
4. The focus for production should be
  - highest cost VM out of hours shutdown and daily autostart
  - other production instances that cannot be powered down but potentially resized
5. Ops/Build/Utility services should be on-demand only outside office hours

## Storage

1. find orphaned resources and remove
2. find superfluous / surplus storage accounts and disks and remove
3. find lowusage accounts and merge or remove
4. Use lastAccess and lastModified to archive or keep
5. check storage account file shares for high quotas that are unused
6. check for under-utilized disks for re-size

## Duplicate/Migrated Systems

TBC

29/06/19

- ✓ Distilled Cost Figures and identified 1st focus areas (non-production compute auto-off)
  - ✓ Created and Validated AutoStop and AutoStart for named instances in Azure Automation
  - ✓ Created and Validated Manual Triggered Start/Stop for VMs out of hours
  - ✓ Adapted control mechanisms so that multi-user calendar entries can be used to control start and stops
  - ✓ Identified immediate potential for
- Data Engineering ~£1000/mo
  - AAD DevTest ~£700/mo
  - Core IaaS easy ~£6000/mo on just dev and systest systems

## Potential Savings from initial review

- £7700/mo
- £46,200/6 months
- £92,400/year

these figures are subject to change | the current total covers only 3 of the 14 subscriptions | The total figure would seem achievable with VM alone

[Stats and Figures Compute](#) 

[Azure VMs active Overnight.xlsx](#)

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