



Technical Architecture Solutions

# TAS VI Build / Design TOC

## ***Virtual Infrastructure Build / Design***

TAS is experienced in building and designing virtual infrastructure environments for companies of all sizes based upon a combination of VMware and TAS best practices. A sample table of contents for the deliverable report is presented below.

<b>2. INTRODUCTION .....</b>	
2.1. PURPOSE OF DOCUMENT.....	
2.2. KEY DELIVERABLES.....	
2.3. ISSUES AND DEPENDENCIES .....	
2.4. ASSUMPTIONS .....	
2.5. DATA SOURCES .....	
<b>3. DESIGN &amp; BUILD SPECIFICATIONS FOR ESX SERVERS .....</b>	
3.1. HARDWARE .....	
3.2. HARDWARE DISTRIBUTION.....	
3.3. DISK PARTITIONING.....	
3.4. SAN CONFIGURATION .....	
3.5. ESX SWAP FILE CONFIGURATION .....	
3.6. VIRTUAL NETWORKING .....	
3.7. USING VMWARE VIRTUAL SMP.....	
3.8. ISO IMAGE STORAGE.....	
3.9. SECURITY.....	
3.10. AUTHENTICATION .....	
<b>4. VIRTUAL MACHINE BEST PRACTICE .....</b>	
4.1. RESOURCE ALLOCATION.....	
<b>5. BACKUP APPROACHES .....</b>	
5.1. DISASTER RECOVERY.....	
<b>6. VIRTUALCENTER (VC) .....</b>	

- 6.1. AUTHENTICATION AND AUTHORISATION.....
- 6.2. TEMPLATES AND CLONES .....
- 6.3. VMOTION .....
- 7. CREATING MACHINES IN VI.....**
- 7.1. NEW VM CREATION .....
- 7.2. P2V.....
- 7.2.1. *VMware P2VAssistant* .....
- 7.2.2. *Platespin PowerConvert* .....
- 7.3. MOVING BETWEEN PHYSICAL AND VIRTUAL ENVIRONMENTS.....
- 8. INDEX.....**
- 8.1. Software Requirements

**For more information....**

For more information on other VMware related services offered by TAS, please visit our website at [www.techarchsolutions.com](http://www.techarchsolutions.com) and select VMware option from the services menu.

Otherwise, simply contact TAS via any of the contact methods below and one of our consultants will contact you regarding mentoring today.

