**IT 3300 : Virtualization**

**Troubleshooting**

**Monitoring**

You can monitor various things in the panels provided by XenCenter.

- graphs

**Performance Alerts**

- Properties -> alerts

**Email Notifications**

- Pool -> right click -> properties
  - email options

**XenCenter Logs**

- Help -> view XenCenter log files
- Notifications in bottom left pane
- Tools -> Server Status report

**XenServer Tools**

These provide the paravirtualized drivers. Helps to see the full VM performance data. XenServer Tools provides high performance Windows drivers and a management agent, enhancing disk and network performance for XenServer VMs.

**XenServer Tools**

Without the tools installed, you will not be able to do any of the following:

- Cleanly shut down, reboot or suspend a VM.
- View VM performance data in XenCenter.
- Migrate a running VM (via XenMotion).
- Create quiesced snapshots or snapshots with memory (checkpoints), or revert to snapshots.
- Adjust the number of vCPUs on a running Linux VM (Windows VMs require a reboot for this to take effect).

**VM Utility**

[http://support.citrix.com/article/CTX127065](http://support.citrix.com/article/CTX127065)

**Metrics**

- Performance -> Actions -> New graph