Overview
**Production System**

**Proposed network installation strategy:**

WebCT system comprised of internal IP addresses with a NAT translation for the traffic manager server (Load Balancer in the diagram above) and an external address NAT translation to the Administrator Server with external address restrictions limited to WebCT support and WebCT administrator’s home IPs.

This will allow access from the students on the internal LAN to access WebCT with minimal impact on the routers and firewall as they will be addressing the systems directly. Using the above sample diagram when a client queries for webct the internal NS system will resolve client queries to localhost and the external NS system will resolve client queries to the domain.

<table>
<thead>
<tr>
<th>Public names &amp; addresses</th>
<th>Production names &amp; addresses</th>
</tr>
</thead>
<tbody>
<tr>
<td>205.221.16.164 wct6adm *</td>
<td>10.220.199.234 wct6adm</td>
</tr>
<tr>
<td>205.221.16.165 wct6ora *</td>
<td>10.220.199.235 webct6</td>
</tr>
<tr>
<td>205.221.16.166 webct6</td>
<td>10.220.199.236 wct6ora</td>
</tr>
<tr>
<td></td>
<td>10.220.199.237 wct6ap1</td>
</tr>
<tr>
<td></td>
<td>10.220.199.238 wct6ap2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Development names &amp; addresses</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.220.220.234 dwct6adm</td>
</tr>
<tr>
<td>10.220.220.235 dwct6</td>
</tr>
<tr>
<td>10.220.220.236 dwct6ora</td>
</tr>
<tr>
<td>10.220.220.237 dwct6ap1</td>
</tr>
<tr>
<td>10.220.220.238 dwct6ap2</td>
</tr>
</tbody>
</table>

* denotes restricted access from specified or all IP's
Enter Hardware Requirements

Traffic analyzer Server:
- Current Requirements: Intel® Xeon® E5-2650 8 x 2.10GHz B 128GB RAM 1TB HDD edat at S
- Proposed: Intel® Xeon® E5-2650 8 x 2.10GHz B 128GB RAM 1TB HDD edat at S
- Rationale: Virtualizing or combining the Traffic Manager software with the Administration server is not supported. It is only supported if it is run on its own independent hardware. Our base server spec I've been pushing is a 12 x 1.6GHz B 24GB RAM 1TB HDD Alt server system. The 8 x 2.10GHz B SAS 1TB will perform better, have a longer life span for redeployment, generate less heat and has an additional open drive bay.
- Hardware Cost: $4,500 plus $100 for year 3/4 8 hour response
- S Cost: $4,500 + edhat at S edition

Administration Server:
- Current Requirements: Intel® Xeon® E5-2650 8 x 2.10GHz B 128GB RAM 1TB HDD edat at S
- Proposed: Intel® Xeon® E5-2650 8 x 2.10GHz B 128GB RAM 1TB HDD edat at S
- Rationale: Virtualizing or combining the Administration Server software with another server is not supported. The administration server is only supported if it is run on its own independent hardware. Our base server spec I've been pushing is a 12 x 1.6GHz B 24GB RAM 1TB HDD Alt server system. The 8 x 2.10GHz B SAS 1TB will perform better, have a longer life span for redeployment, generate less heat and has an additional open drive bay.
- Hardware Cost: $4,500 plus $100 for year 3/4 8 hour response
- S Cost: $4,500 + edhat at S edition

Analyzer Server (Application):
- Current Requirements: Intel® Xeon® E5-2650 8 x 2.10GHz B 128GB RAM 1TB HDD edat at S
- Proposed: Intel® Xeon® E5-2650 8 x 2.10GHz B 128GB RAM 1TB HDD edat at S
- Rationale: The application (Analyzer) is primarily a www read only system with very little writes during routine operation. The 8 x 2.10GHz B SAS 1TB will perform better, have a longer life span for redeployment, generate less heat and has an additional open drive bay.
- Hardware Cost: $4,500 plus $100 for year 3/4 8 hour response
- S Cost: $4,500 + edhat at S edition

Database Server:
- Current Requirements: Intel® Xeon® E5-2650 8 x 2.10GHz B 128GB RAM 1TB HDD edat at S
- Proposed: Intel® Xeon® E5-2650 8 x 2.10GHz B 128GB RAM 1TB HDD edat at AS
- Rationale: This system is already in place and configured for initial installation. Update: SAN tray has been requested and WebCT will be hosted there on a dedicated stripe virtual drive when it arrives and is installed.
- Hardware Cost: Purchased in Q1
- S Cost: Purchased in Q1 + Oracle Standard edition

Purchased in Q1
The new Campus Edition Enterprise bundle will include the following:

- **PowerSight**: it
  - Custom value (http://www.webct.com/software/viewpage?name=software_powersight)

- **PowerLimit**: it (this is included at no charge for all Standard Campus Edition customers as well)
  - Custom value (http://www.webct.com/software/viewpage?name=software_powerlimit)

- **Node clustering for load balancing**
  - Custom value

- **Enterprise Support**
  - Custom value (http://www.webct.com/service/viewContent?contentid=77777777)

In addition to a reduced price on the bundle, they are also offering a 10% discount in the first year. Because we have recently renewed on June 1st and can take advantage of this offer for approximately 12 months of your license term if we purchase this new bundle option on or around August 1st. Since it is now October, this number has most likely changed.

The price for this combined bundle for Campus Edition and the four items above is $15000 ($S). This assumes wood will remain between $800 and $1000. Because they are offering a 10% discount in the first year, our first year price would be $13500.

Since we are currently in a bill plan, they match the license term for the bundle with the current license term. The pricing schedule would look like this:

- **Ear**: 13 months or less
  - **Ear**: 14 to 24 months
  - **Ear**: 25 to 36 months

Because we have started our first year license term, the pro rated amount for year 1 would be $4500. Since we have an approximate credit of $3000 on your current license term, the additional fee we would charge in year 1 is $1500. Ear and year license fees would be $3000 and $3000 respectively.
ERROR: undefined
OFFENDING COMMAND: `~

STACK: