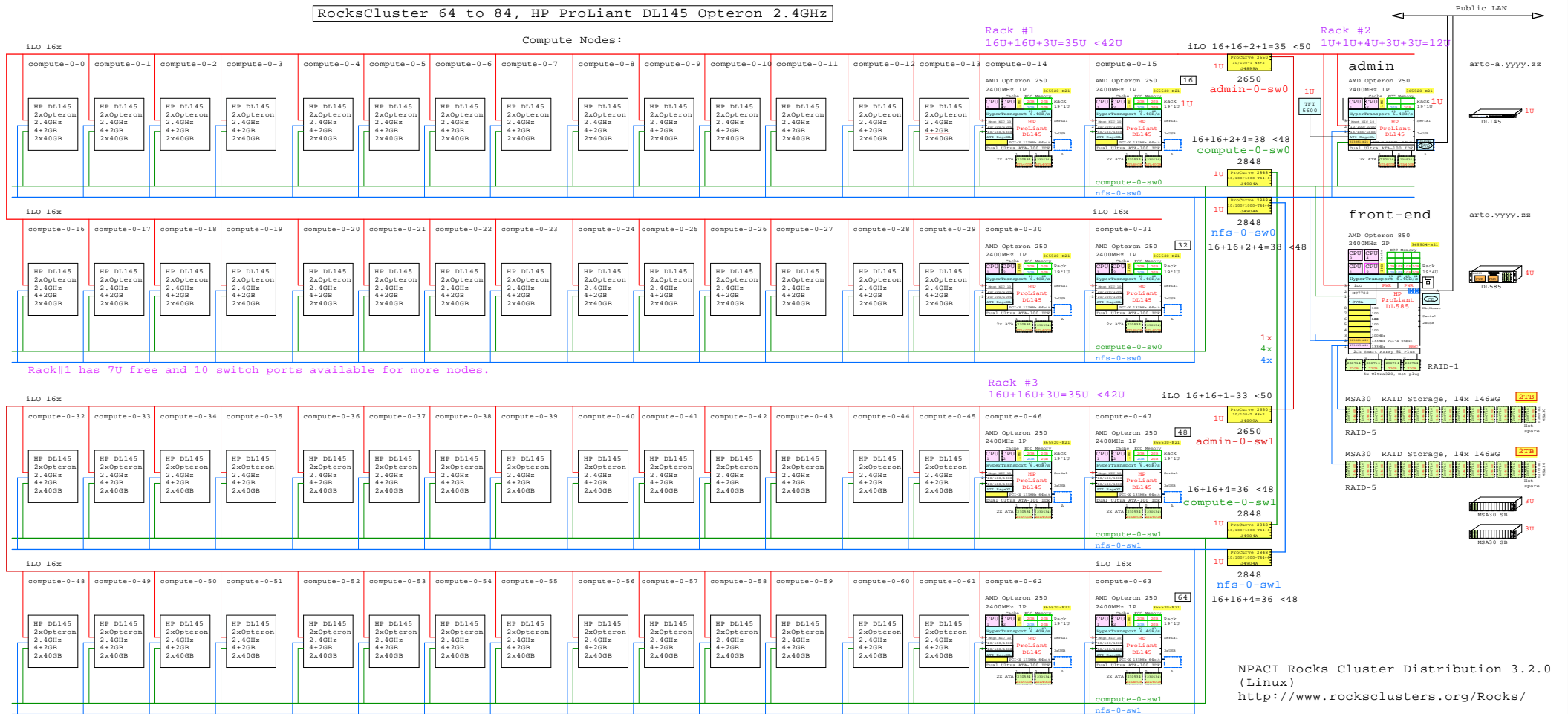


RocksCluster 64 to 84, HP ProLiant DL145 Opteron 2.4GHz



Server fixed IP addresses

| Node Name | IP Address |
|--------------|-------------|
| front-end | 10.13.1.1 |
| admin | 10.13.1.1 |
| compute-0-0 | 10.13.1.254 |
| compute-0-1 | 10.13.1.253 |
| compute-0-2 | 10.13.1.252 |
| compute-0-3 | 10.13.1.251 |
| compute-0-4 | 10.13.1.250 |
| compute-0-5 | 10.13.1.249 |
| compute-0-6 | 10.13.1.248 |
| compute-0-7 | 10.13.1.247 |
| compute-0-8 | 10.13.1.246 |
| compute-0-9 | 10.13.1.245 |
| compute-0-10 | 10.13.1.244 |
| compute-0-11 | 10.13.1.243 |
| compute-0-12 | 10.13.1.242 |
| compute-0-13 | 10.13.1.241 |
| compute-0-14 | 10.13.1.240 |
| compute-0-15 | 10.13.1.239 |
| compute-0-16 | 10.13.1.238 |
| compute-0-17 | 10.13.1.237 |
| compute-0-18 | 10.13.1.236 |
| compute-0-19 | 10.13.1.235 |
| compute-0-20 | 10.13.1.234 |
| compute-0-21 | 10.13.1.233 |
| compute-0-22 | 10.13.1.232 |
| compute-0-23 | 10.13.1.231 |
| compute-0-24 | 10.13.1.230 |
| compute-0-25 | 10.13.1.229 |
| compute-0-26 | 10.13.1.228 |
| compute-0-27 | 10.13.1.227 |
| compute-0-28 | 10.13.1.226 |
| compute-0-29 | 10.13.1.225 |
| compute-0-30 | 10.13.1.224 |
| compute-0-31 | 10.13.1.223 |
| compute-0-32 | 10.13.1.222 |
| compute-0-33 | 10.13.1.221 |
| compute-0-34 | 10.13.1.220 |
| compute-0-35 | 10.13.1.219 |
| compute-0-36 | 10.13.1.218 |
| compute-0-37 | 10.13.1.217 |
| compute-0-38 | 10.13.1.216 |
| compute-0-39 | 10.13.1.215 |
| compute-0-40 | 10.13.1.214 |
| compute-0-41 | 10.13.1.213 |
| compute-0-42 | 10.13.1.212 |
| compute-0-43 | 10.13.1.211 |
| compute-0-44 | 10.13.1.210 |
| compute-0-45 | 10.13.1.209 |
| compute-0-46 | 10.13.1.208 |
| compute-0-47 | 10.13.1.207 |
| compute-0-48 | 10.13.1.206 |
| compute-0-49 | 10.13.1.205 |
| compute-0-50 | 10.13.1.204 |
| compute-0-51 | 10.13.1.203 |
| compute-0-52 | 10.13.1.202 |
| compute-0-53 | 10.13.1.201 |
| compute-0-54 | 10.13.1.200 |
| compute-0-55 | 10.13.1.199 |
| compute-0-56 | 10.13.1.198 |
| compute-0-57 | 10.13.1.197 |
| compute-0-58 | 10.13.1.196 |
| compute-0-59 | 10.13.1.195 |
| compute-0-60 | 10.13.1.194 |
| compute-0-61 | 10.13.1.193 |
| compute-0-62 | 10.13.1.192 |
| compute-0-63 | 10.13.1.191 |

Switch fixed IP addresses

| | |
|---------------|-----------|
| compute-0-sw0 | 10.11.1.3 |
| compute-0-sw1 | 10.11.1.4 |
| nfs-0-sw0 | 10.12.1.3 |
| nfs-0-sw1 | 10.12.1.4 |
| admin-0-sw0 | 10.13.1.3 |
| admin-0-sw1 | 10.13.1.4 |

BOM for the switches

| Part Number | Qty | Description |
|-------------|-----|--|
| 449392 | 2 | ProCurve 2650 10/100-T 48+250 Port 1U |
| 43904A | 4 | ProCurve 2848 10/100/1000-T 44+48 Port |

BOM for one Compute Node

| Part Number | Qty | Description |
|-------------|-----|--|
| 365520-B21 | 1 | HP ProLiant DL145 IP 2.4GHz 2GB 40GB ATA |
| 230534-B21 | 1 | 4x2GB ATA/100 7200r disk drive 1" |
| 361038-B21 | 3 | PC2700 2GB Memory option kit 2x1GB |
| 366619-B21 | 1 | DL145 2.4GHz AMD64 250 CPU option kit |

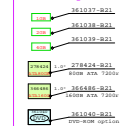
BOM for the Admin

| Part Number | Qty | Description |
|-------------|-----|--|
| 365520-B21 | 1 | HP ProLiant DL145 IP 2.4GHz 2GB 40GB ATA |
| 230534-B21 | 1 | 4x2GB ATA/100 7200r disk drive 1" |
| 313881-B21 | 1 | NC7170 PCI-X 10/100/1000-T Dual copper |
| 361038-B21 | 1 | PC2700 2GB Memory option kit 2x1GB |
| 361030-B21 | 1 | DVD-ROM Option kit slimline |
| 366619-B21 | 1 | DL145 2.4GHz AMD64 250 CPU option kit |

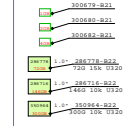
BOM for the Front-End and Storage

| Part Number | Qty | Description |
|-------------|-----|--|
| 365504-B21 | 1 | HP ProLiant DL585 2.4GHz 1MB 2GB 2P |
| 273915-B21 | 1 | Smart Array 6402/128 Ultra320 2-cham |
| 286714-B22 | 4 | 72.8GB 10000r U320 disk 1" |
| 300679-B21 | 6 | 1GB ECC PC2100 DDR DIMM kit (2x512MB) |
| 313881-B21 | 1 | NC7170 PCI-X 10/100/1000-T Dual copper |
| 366725-B21 | 2 | DL585 2.4GHz AMD64 850 CPU option kit |
| 302969-B21 | 1 | MSA30 Single Bus Ultra320 14x1" |
| 286716-B22 | 14 | 146.8GB 10000r U320 disk 1" |
| 302969-B21 | 1 | MSA30 Single Bus Ultra320 14x1" |
| 286716-B22 | 14 | 146.8GB 10000r U320 disk 1" |

DL145 Options



DL585 Options



Base Nodes

Base Nodes section containing diagrams and text for the Admin node (DL145) and Front-End node (DL585). It includes part numbers, quantities, and descriptions for the base hardware and options. The Admin node is based on the 365520-B21 configuration, and the Front-End node is based on the 365504-B21 configuration. The diagrams show the internal components and connections for each node type.

If this diagram has influenced your purchase decision, please let me know: Matti.Pata@ulabim.fi @GE-Architect.

If you need a customized PDF diagram from this template, please let me know. Send your "wish list" to: Matti.Pata@ulabim.fi

Date: 09-Nov-2004

Golden Eggs Visuals
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