



ISI Snapshot Data Collection, Analysis & Modeling

Making a Move to the Cloud Easy

Snapshot/CRA

ISI Snapshot

Data Collection

- Inventory
- Utilization
- Applications

Analysis

- Consumption
- Capacity
- Dependencies

Cloud Modeling

- Green, Amber, Red
- Best Fit
- Monthly Costs

Cloud Success

ISI-Cloud Readiness Assessment

Cloud Readiness-Loaded_Sample 1.xlsxm - Excel

Gary Johnson

File Home Insert Page Layout Formulas Data Review View Help Tell me what you want to do

Clipboard Font Alignment Number Styles Cells Editing

A1 Host Name

| Host Name | IP Address | Physical / Virtual | Host Make/Model | OS Name | OS Version | Processor Type | Physical Processor Count | Cores Per Physical Processor | Total Number of Processor Threads | Processor Speed (MHz) | RAM (MB) | Logical Disk Sizes | Total Storage GB | NIC Count | NIC Speed Total (bps) | CPU % Peak Avg | RAM % Peak Avg | Network % Peak Avg (all NICs) | Storage % (Consumed / Available - All Disks) | Disk I/Os per Second Peak Avg | Disk Bytes per Second Peak Avg (MB) | CP |
|-----------|-----------------|--------------------|-------------------------|---|------------|--|--------------------------|------------------------------|-----------------------------------|-----------------------|----------|--------------------|------------------|-----------|-----------------------|----------------|----------------|-------------------------------|--|-------------------------------|-------------------------------------|----|
| 1 | xxx.xxx.xxx.xxx | Virtual | VMware Virtual Platform | Microsoft Windows Server 2003, Enterprise Edition | 5.2.3790 | Intel(R) Xeon(R) CPU E5630 @ 2.53GHz | 1 | 1 | 1 | 2833 | 1023 | C:\10GB | 10 | 2 | 11000000000 | 61 | 94 | 0.0828 | 88% /1.2GB | 1173.1 | 20.5 | 1 |
| 2 | xxx.xxx.xxx.xxx | Virtual | VMware Virtual Platform | Microsoft Windows Server 2003, Enterprise Edition | 5.2.3790 | Intel(R) Xeon(R) CPU E5630 @ 2.53GHz | 1 | 1 | 1 | 2833 | 383 | C:\10GB | 10 | 2 | 11000000000 | 45 | 70 | 0.0063 | 77% /2.3GB | 1959 | 0.4 | 1 |
| 3 | xxx.xxx.xxx.xxx | Physical | PowerEdge R320 Dell | Microsoft Windows Server 2008 R2 Standard | 6.1.7601 | Intel(R) Xeon(R) CPU E5-1410 0 @ 2.80GHz | 1 | 4 | 8 | 2800 | 16339 | C:\10GB | 10 | 2 | 11000000000 | 45 | 70 | 0.0063 | 77% /2.3GB | 2401 | 100 | 3 |
| 4 | xxx.xxx.xxx.xxx | Physical | PowerEdge R320 Dell | Microsoft Windows Server 2008 R2 Standard | 6.1.7601 | Intel(R) Xeon(R) CPU E5-1410 0 @ 2.80GHz | 1 | 4 | 8 | 2800 | 16339 | C:\10GB | 10 | 2 | 11000000000 | 45 | 70 | 0.0063 | 77% /2.3GB | 471.5 | 69.9 | 5 |
| 5 | xxx.xxx.xxx.xxx | Physical | PowerEdge R320 Dell | Microsoft Windows Server 2008 R2 Standard | 6.1.7601 | Intel(R) Xeon(R) CPU E5-1410 0 @ 2.80GHz | 1 | 4 | 8 | 2800 | 16339 | C:\10GB | 10 | 2 | 11000000000 | 45 | 70 | 0.0063 | 77% /2.3GB | 471.5 | 69.9 | 5 |

Settings Legend Logical Disks Utilisation Summary Charts Report

Ready

The Sever Utilization Summary (SUS) report rolls up information on server configurations, capacities, utilization of those capacities and server resource consumption information.



ISI-Cloud Readiness Assessment

| Readiness Stat | Candidate | OS Name | Processor Speed MHz | Processor Count | Logical Disk Sizes | CPU MHz Cons | Memory MB Cc | Disk IOps | Network | Cloud Model |
|----------------|-----------|---|---------------------|-----------------|---------------------------|--------------|--------------|-----------|----------|-------------|
| 238 | 101 | Microsoft(R) Windows(R) Server 2003, Standard Edition | 3400 | 2 | C:\30 E:\10 F:\520 G:\230 | | | | 115968 | Model 3 |
| 239 | 48 | Microsoft Windows Server 2003, Standard Edition | 1995 | 4 | C:\20 D:\1390 N:\20 | 3348.4 | 1636.4 | 701.8 | 775.9 | Model 3 |
| 240 | 4 | Microsoft Windows Server 2008 R2 Standard | 2800 | 8 | C:\120 D:\590 V:\30 | 5205.8 | 12744.4 | 471.5 | 11187.6 | Model 3 |
| 241 | 116 | Microsoft Windows Server 2003 Standard x64 Edition | 2533 | 24 | C:\40 D:\100 E:\650 | 7027.6 | 13758.4 | 605.6 | 60149.2 | Model 3 |
| 242 | 144 | Microsoft Windows Server 2012 Datacenter | 2893 | 6 | C:\40 E:\40 | 7974.3 | 8329.9 | 2718 | 180584 | Model 3 |
| 243 | 145 | Microsoft Windows Server 2012 Datacenter | 2893 | 4 | C:\60 E:\10 | 8470.7 | 3130.6 | 1410.3 | 4238 | Model 3 |
| 244 | 136 | Microsoft Windows Server 2008 R2 Datacenter | 2893 | 2 | C:\40 | 2593.9 | 3686.4 | 4643 | 644.7 | Model 4 |
| 245 | 284 | Microsoft Windows Server 2008 R2 Standard | 2666 | 2 | C:\50 | 2778 | 3563.5 | 5282 | 147459.8 | Model 4 |
| 246 | 49 | Microsoft Windows Server 2003, Standard Edition | 1995 | 4 | | | | | | odel 4 |
| 247 | 98 | Microsoft Windows Server 2008 R2 Standard | 2666 | 8 | | | | | | odel 4 |
| 248 | 13 | Microsoft Windows Server 2008 R2 Standard | 2800 | 8 | | | | | | odel 4 |
| 249 | 47 | Microsoft Windows Server 2003, Standard Edition | 2793 | 4 | | | | | | odel 4 |
| 250 | 15 | Microsoft Windows Server 2008 R2 Standard | 2800 | 8 | | | | | | odel 4 |
| 251 | 288 | Microsoft Windows Server 2012 Datacenter | 2893 | 8 | | | | | | odel 4 |
| 252 | 149 | Microsoft Windows Server 2012 Datacenter | 2893 | 4 | | | | | | odel 4 |
| 253 | 76 | Microsoft Windows Server 2008 R2 Standard | 2000 | 12 | | | | | | odel 4 |
| 254 | 117 | Microsoft Windows Server 2003 Standard x64 Edition | 2667 | 8 | | | | | | odel 4 |
| 255 | 289 | Microsoft Windows Server 2012 Datacenter | 2893 | 8 | | | | | | odel 4 |
| 256 | 6 | Microsoft Windows Server 2008 R2 Standard | 2800 | 8 | | | | | | odel 4 |
| 257 | 120 | Microsoft Windows Server 2008 R2 Standard | 3000 | 4 | | | | | | odel 4 |
| 258 | 112 | Microsoft Windows Server 2003, Standard Edition | 2833 | 1 | | | | | | XXXX |
| 259 | 68 | Microsoft Windows Server 2008 R2 Standard | 1586 | 16 | | | | | | XXXX |
| 260 | 92 | Microsoft Windows Server 2008 R2 Standard | 2000 | 12 | | | | | | XXXX |
| 261 | 236 | Microsoft Windows Server 2008 R2 Datacenter | 2893 | 2 | | | | | | XXXX |
| 262 | 254 | Microsoft Windows Server 2003, Standard Edition | 2000 | 8 | | | | | | XXXX |
| 263 | 180 | Microsoft Windows Server 2003, Standard Edition | 2128 | 4 | | | | | | XXXX |
| 264 | 204 | Microsoft Windows Server 2003, Standard Edition | 2833 | 2 | | | | | | XXXX |
| 265 | 148 | Microsoft Windows Server 2012 Datacenter | 2893 | 2 | | | | | | XXXX |

This report shows stoplights that indicate model status, OS that are no longer supported, which parameters caused this to be the model recommended, whether this parameter is over the Utilization Threshold set in the Settings, but less than 100% of the recommended Model's capacity.

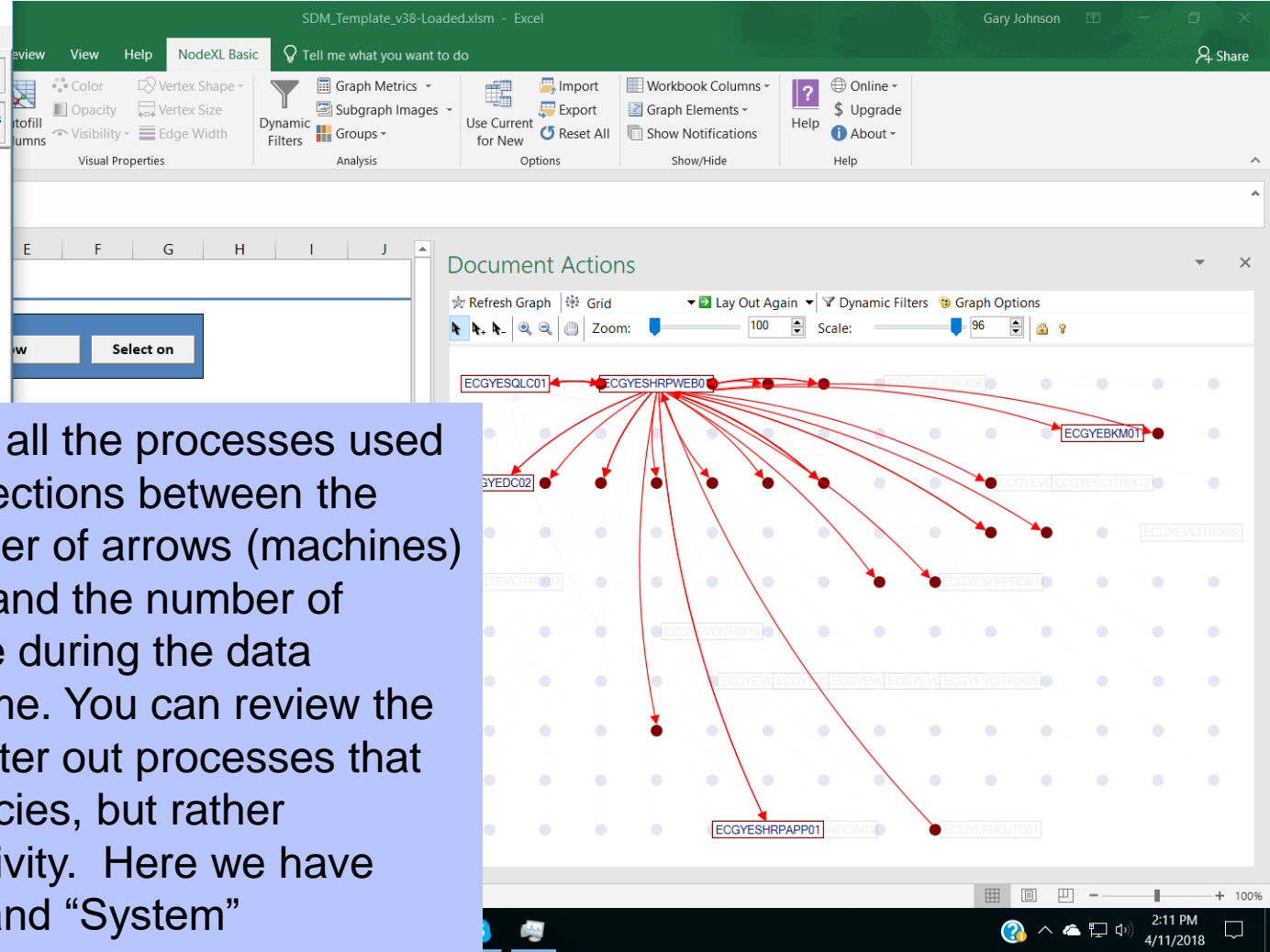


ISI-Snapshot Dependency Mapper

Dependency info - 10.243.8.108

Servers Processes

| Process | on | off | Arrows | Connections |
|--------------|-----|-----|--------|-------------|
| DTEExec | on | on | 1 | 1 |
| Idle | off | off | 21 | 54252 |
| lsass | on | on | 3 | 564 |
| nbdisco | on | on | 1 | 11 |
| OWSTIMER | on | on | 2 | 4131 |
| services | on | on | 1 | 4 |
| SpsWrapperV4 | on | on | 6 | 9 |
| sqlservr | on | on | 1 | 5907 |
| svchost | on | on | 11 | 1483 |
| System | off | off | 99 | 5462 |
| w3wp | on | on | 7 | 1795 |



Here you can see all the processes used to make the connections between the servers, the number of arrows (machines) for each process and the number of connections made during the data collection timeframe. You can review the process list and filter out processes that are not dependencies, but rather housekeeping activity. Here we have filtered out “Idle” and “System” processes.



ISI | Contact Us

Thank you for your time. We look forward to speaking with you soon.

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