EM Environment Summary (Prototype)

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# AWS Data Collection Summary

The purpose of this report is to review the high-level data collected from the customer’s environment. The intent is to check for completeness and accuracy. Note, all the records in each data frame are NOT displayed. In some cases, the head is shown and others the tail. A complete set of the data in Excel format will be delivered to the customer for a more in-depth review of the data.

## Reports

The data collected from AWS consists of several types of data. Here are the tables that have been collected:

**Included in this Report**

* results
* osInfo
* systemPerformance
* networkInterface

**Not Included in this Report**

* destinationProcessConnection
* process
* sourceProcessConnection

### List Agent IDs in Current Data Store

The agent IDs are the unique identifiers of the agents installed within their data center. In the case of Hypervisor VMs, the agent ID is the identity of the OVA appliance installed into the vCenter. If additional performance metrics are required for a VM or the customer has a non-visualized server, the agent ID is the identity of the actual agent installed on the server or VM.

Following are the Agent IDs found in the data store containing exported data from the AWS Migration Hub. The Agent IDs will be used to identify which environment the data pertain to in the reports below.

agent\_IDs <- getAgentIDs(root = EMroot)  
cat(agent\_IDs)

## o-19bub6kx628zxp16t o-1e75y7xr9ifx0j1zd o-4z09l4mrxirqawfnm o-52chpzdphw2uysf30

There are 4 Agent IDs. See the list of these immediately above.

### Export Results Report

The export results summary give valuable validation information about the date and time of each export. Note, especially, the expSumTrunc and statusMessge fields. The former indicates whether or not the export was truncated; a FALSE is the positive value we want to see. Of course, the latter field indicates the status of the export. “Export task is successful.” is the appositive value.

resList <- map(agent\_IDs, ~ getResults(EMroot,. ))  
  
clist <- list(c("reqStart", "reqEnd", "FilesGen", "SizeOfResults", "expStartedAt", "expStatus"),  
 c("reqStart", "reqEnd", "expSumTrunc", "actStart", "actEnd", "statusMessage"))  
  
  
for (i in 1:length(resList)){  
 Account <- resList[[i]][1,]$accountNumber  
 AgentID <- resList[[i]][1,]$agentID  
 RptHdr <- paste("Report: Results / Account Number: ", Account," Agent ID: ", AgentID, sep ="")  
   
 print(knitr::kable(head(resList[[i]][,c(3:8)]), caption = RptHdr, col.names = clist[[1]]))  
 print(knitr::kable(head(resList[[i]][,c(3,4,9:12)]), caption = RptHdr, col.names = clist[[2]]))  
 cat("\n\n\*\*\*")  
}

Report: Results / Account Number: 185946404262 Agent ID: o-19bub6kx628zxp16t

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| reqStart | reqEnd | FilesGen | SizeOfResults | expStartedAt | expStatus |
| 2018-05-04 22:04:25 | 2018-05-07 22:04:25 | 6 | 357.485352 | 2018-05-08 14:16:07 | SUCCESSFUL |
| 2018-05-07 19:18:54 | 2018-05-07 19:27:13 | 6 | 7.208984 | 2018-05-07 19:29:30 | SUCCESSFUL |
| 2018-05-07 20:20:25 | 2018-05-09 20:59:39 | 6 | 50.748047 | 2018-05-09 21:27:16 | SUCCESSFUL |
| 2018-05-09 20:43:25 | 2018-05-09 20:59:39 | 5 | 2.267578 | 2018-05-09 21:27:18 | SUCCESSFUL |

Report: Results / Account Number: 185946404262 Agent ID: o-19bub6kx628zxp16t

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| reqStart | reqEnd | expSumTrunc | actStart | actEnd | statusMessage |
| 2018-05-04 22:04:25 | 2018-05-07 22:04:25 | FALSE | 2018-05-04 22:33:40 | 2018-05-07 20:20:25 | Export task is successful. |
| 2018-05-07 19:18:54 | 2018-05-07 19:27:13 | FALSE | 2018-05-07 19:18:54 | 2018-05-07 19:18:54 | Export task is successful. |
| 2018-05-07 20:20:25 | 2018-05-09 20:59:39 | FALSE | 2018-05-07 20:20:25 | 2018-05-09 20:43:25 | Export task is successful. |
| 2018-05-09 20:43:25 | 2018-05-09 20:59:39 | FALSE | 2018-05-09 20:43:25 | 2018-05-09 20:43:25 | Export task is successful. |

Report: Results / Account Number: 185946404262 Agent ID: o-1e75y7xr9ifx0j1zd

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| reqStart | reqEnd | FilesGen | SizeOfResults | expStartedAt | expStatus |
| 2018-05-04 22:08:06 | 2018-05-07 22:08:06 | 6 | 334.036133 | 2018-05-08 14:16:09 | SUCCESSFUL |
| 2018-05-07 19:04:40 | 2018-05-07 19:18:40 | 5 | 2.248047 | 2018-05-07 19:24:00 | SUCCESSFUL |
| 2018-05-07 20:03:52 | 2018-05-09 21:12:58 | 6 | 62.329102 | 2018-05-09 21:27:16 | SUCCESSFUL |
| 2018-05-09 21:00:45 | 2018-05-09 21:12:58 | 5 | 3.910156 | 2018-05-09 21:27:18 | SUCCESSFUL |

Report: Results / Account Number: 185946404262 Agent ID: o-1e75y7xr9ifx0j1zd

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| reqStart | reqEnd | expSumTrunc | actStart | actEnd | statusMessage |
| 2018-05-04 22:08:06 | 2018-05-07 22:08:06 | FALSE | 2018-05-04 22:45:47 | 2018-05-07 20:03:52 | Export task is successful. |
| 2018-05-07 19:04:40 | 2018-05-07 19:18:40 | FALSE | 2018-05-07 19:04:40 | 2018-05-07 19:04:40 | Export task is successful. |
| 2018-05-07 20:03:52 | 2018-05-09 21:12:58 | FALSE | 2018-05-07 20:03:52 | 2018-05-09 21:00:45 | Export task is successful. |
| 2018-05-09 21:00:45 | 2018-05-09 21:12:58 | FALSE | 2018-05-09 21:00:45 | 2018-05-09 21:00:45 | Export task is successful. |

Report: Results / Account Number: 185946404262 Agent ID: o-4z09l4mrxirqawfnm

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| reqStart | reqEnd | FilesGen | SizeOfResults | expStartedAt | expStatus |
| 2018-05-04 22:09:38 | 2018-05-07 22:09:38 | 6 | 370.263672 | 2018-05-08 14:16:08 | SUCCESSFUL |
| 2018-05-07 19:05:51 | 2018-05-07 19:27:35 | 5 | 2.251953 | 2018-05-07 19:29:28 | SUCCESSFUL |
| 2018-05-07 20:18:51 | 2018-05-09 20:58:33 | 6 | 50.020508 | 2018-05-09 21:27:16 | SUCCESSFUL |
| 2018-05-09 20:53:06 | 2018-05-09 20:58:33 | 5 | 2.473633 | 2018-05-09 21:27:19 | SUCCESSFUL |

Report: Results / Account Number: 185946404262 Agent ID: o-4z09l4mrxirqawfnm

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| reqStart | reqEnd | expSumTrunc | actStart | actEnd | statusMessage |
| 2018-05-04 22:09:38 | 2018-05-07 22:09:38 | FALSE | 2018-05-04 22:46:00 | 2018-05-07 20:18:51 | Export task is successful. |
| 2018-05-07 19:05:51 | 2018-05-07 19:27:35 | FALSE | 2018-05-07 19:05:51 | 2018-05-07 19:05:51 | Export task is successful. |
| 2018-05-07 20:18:51 | 2018-05-09 20:58:33 | FALSE | 2018-05-07 20:18:51 | 2018-05-09 20:53:06 | Export task is successful. |
| 2018-05-09 20:53:06 | 2018-05-09 20:58:33 | FALSE | 2018-05-09 20:53:06 | 2018-05-09 20:53:06 | Export task is successful. |

Report: Results / Account Number: 185946404262 Agent ID: o-52chpzdphw2uysf30

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| reqStart | reqEnd | FilesGen | SizeOfResults | expStartedAt | expStatus |
| 2018-05-04 22:35:50 | 2018-05-07 01:33:04 | 5 | 180.30273 | 2018-05-07 19:00:05 | SUCCESSFUL |
| 2018-05-06 03:19:34 | 2018-05-07 01:33:04 | 5 | 27.83203 | 2018-05-07 19:00:06 | SUCCESSFUL |
| 2018-05-07 01:22:47 | 2018-05-07 01:33:04 | 4 | 24.44434 | 2018-05-07 19:00:09 | SUCCESSFUL |

Report: Results / Account Number: 185946404262 Agent ID: o-52chpzdphw2uysf30

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| reqStart | reqEnd | expSumTrunc | actStart | actEnd | statusMessage |
| 2018-05-04 22:35:50 | 2018-05-07 01:33:04 | FALSE | 2018-05-04 22:37:58 | 2018-05-06 03:19:34 | Export task is successful. |
| 2018-05-06 03:19:34 | 2018-05-07 01:33:04 | FALSE | 2018-05-06 03:19:34 | 2018-05-07 01:22:47 | Export task is successful. |
| 2018-05-07 01:22:47 | 2018-05-07 01:33:04 | FALSE | 2018-05-07 01:22:47 | 2018-05-07 01:22:47 | Export task is successful. |

### Operating System Information Report

The Operating System Information Report contains information on the OS name, OS Version, CPU Type and Hypervisor. There should be no surprises here. Confirm that is comports with what you know about your data center assets. Note any discrepancies or outliers.

osList <- map(agent\_IDs, ~ getosInfo(EMroot,. ))  
  
c\_names <- c("Date/Time", "Hostname", "osName", "osVersion", "cpuType", "hypervisor")  
  
for (i in 1:length(resList)){  
 Account <- osList[[i]][1,]$accountNumber  
 AgentID <- osList[[i]][1,]$agentId  
 RptHdr <- paste("Report: OS Info / Account Number: ", Account," Agent ID: ", AgentID, sep ="")  
   
 print(knitr::kable(tail(osList[[i]][,c(8,6,3:5,7)]), caption = RptHdr, col.names = c\_names))  
 cat("\n\n\*\*\*")  
}

Report: OS Info / Account Number: 185946404262 Agent ID: o-19bub6kx628zxp16t

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date/Time | Hostname | osName | osVersion | cpuType | hypervisor |
| 2018-05-09 20:20:17 | ip-172-31-29-98 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.33-51.34.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:43:25 | ip-172-31-29-98 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.33-51.34.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:43:25 | ip-172-31-29-98 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.33-51.34.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:01:23 | ip-172-31-29-98 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.33-51.34.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:43:25 | ip-172-31-29-98 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.33-51.34.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:43:25 | ip-172-31-29-98 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.33-51.34.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |

Report: OS Info / Account Number: 185946404262 Agent ID: o-1e75y7xr9ifx0j1zd

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date/Time | Hostname | osName | osVersion | cpuType | hypervisor |
| 2018-05-09 20:14:22 | ip-172-31-25-58 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:14:22 | ip-172-31-25-58 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 21:00:45 | ip-172-31-25-58 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 21:00:45 | ip-172-31-25-58 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 21:00:45 | ip-172-31-25-58 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 21:00:45 | ip-172-31-25-58 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |

Report: OS Info / Account Number: 185946404262 Agent ID: o-4z09l4mrxirqawfnm

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date/Time | Hostname | osName | osVersion | cpuType | hypervisor |
| 2018-05-09 19:36:52 | ip-172-31-17-21 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:53:06 | ip-172-31-17-21 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:31:42 | ip-172-31-17-21 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:31:42 | ip-172-31-17-21 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:15:36 | ip-172-31-17-21 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |
| 2018-05-09 20:53:06 | ip-172-31-17-21 | Linux - Amazon Linux AMI release 2018.03 x86\_64 (Linux 4.14.26-46.32.amzn1.x86\_64) | 2018.3.0.0 | x86\_64 | xen |

Report: OS Info / Account Number: 185946404262 Agent ID: o-52chpzdphw2uysf30

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date/Time | Hostname | osName | osVersion | cpuType | hypervisor |
| 2018-05-06 03:19:34 | localhost.localdomain | Linux - CentOS release 6.9 (Final) x86\_64 (Linux 2.6.32-696.el6.x86\_64) | 6.9.0.0 | x86\_64 | NA |
| 2018-05-06 03:19:34 | localhost.localdomain | Linux - CentOS release 6.9 (Final) x86\_64 (Linux 2.6.32-696.el6.x86\_64) | 6.9.0.0 | x86\_64 | NA |
| 2018-05-07 01:22:47 | localhost.localdomain | Linux - CentOS release 6.9 (Final) x86\_64 (Linux 2.6.32-696.el6.x86\_64) | 6.9.0.0 | x86\_64 | NA |
| 2018-05-07 01:22:47 | localhost.localdomain | Linux - CentOS release 6.9 (Final) x86\_64 (Linux 2.6.32-696.el6.x86\_64) | 6.9.0.0 | x86\_64 | NA |
| 2018-05-07 01:22:47 | localhost.localdomain | Linux - CentOS release 6.9 (Final) x86\_64 (Linux 2.6.32-696.el6.x86\_64) | 6.9.0.0 | x86\_64 | NA |
| 2018-05-07 01:22:47 | localhost.localdomain | Linux - CentOS release 6.9 (Final) x86\_64 (Linux 2.6.32-696.el6.x86\_64) | 6.9.0.0 | x86\_64 | NA |

### Performance Report

The performance data frames contain many metrics and cannot typically be displayed within a single table. Hence the table is split into three pieces with the Date/Time repeated in each table.

perfList <- map(agent\_IDs, ~ getPerf(EMroot,. ))  
  
clist <- list(  
 c("Date/Time", "DskBytesRdPS", "DskBytesWrtnPS", "DskRdOpsPS", "DskWrtOpsPS"),  
 c("Date/Time", "NWBytesRdPS", "NWBytesWrtnPS", "LogProcs", "Cores", "CPUs"),  
 c("Date/Time", "Disks", "NwCrds", "CpuPct", "Disk.GB","DiskFree.GB", "RAM.MB", "freeRAM.MB")   
)  
for (i in 1:length(perfList)){  
 Account <- perfList[[i]][1,]$accountNumber  
 AgentID <- perfList[[i]][1,]$agentId  
 RptHdr <- paste("Report: Performance / Account Number: ", Account," Agent ID: ", AgentID, sep ="")  
   
 print(knitr::kable(head(perfList[[i]][,c(19,3:6)]), caption = RptHdr, col.names = clist[[1]]))  
 print(knitr::kable(head(perfList[[i]][,c(19,7:11)]), caption = RptHdr, col.names = clist[[2]]))  
 print(knitr::kable(head(perfList[[i]][,c(19,12:18)]), caption = RptHdr, col.names = clist[[3]]))  
 cat("\n\n\*\*\*")  
}

Report: Performance / Account Number: 185946404262 Agent ID: o-19bub6kx628zxp16t

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | DskBytesRdPS | DskBytesWrtnPS | DskRdOpsPS | DskWrtOpsPS |
| 2018-05-04 22:32:43 | 0.0000000 | 3.457109 | 0.0000000 | 0.598346 |
| 2018-05-04 23:30:05 | 0.0000000 | 3.929814 | 0.0000000 | 0.444653 |
| 2018-05-04 23:45:06 | 5.7132324 | 4.351631 | 0.2229010 | 0.524547 |
| 2018-05-04 22:45:14 | 0.0434476 | 4.209170 | 0.0040732 | 0.490165 |
| 2018-05-04 23:00:01 | 0.0000000 | 3.951563 | 0.0000000 | 0.463497 |
| 2018-05-04 23:15:03 | 0.1286279 | 4.435449 | 0.0321569 | 0.530034 |

Report: Performance / Account Number: 185946404262 Agent ID: o-19bub6kx628zxp16t

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date/Time | NWBytesRdPS | NWBytesWrtnPS | LogProcs | Cores | CPUs |
| 2018-05-04 22:32:43 | 0.1241357 | 0.1751670 | 1 | 1 | 1 |
| 2018-05-04 23:30:05 | 0.2080312 | 0.1263096 | 1 | 1 | 1 |
| 2018-05-04 23:45:06 | 0.1933516 | 0.1101250 | 1 | 1 | 1 |
| 2018-05-04 22:45:14 | 0.2362041 | 0.2775117 | 1 | 1 | 1 |
| 2018-05-04 23:00:01 | 0.2115762 | 0.1162041 | 1 | 1 | 1 |
| 2018-05-04 23:15:03 | 0.1830244 | 0.1455010 | 1 | 1 | 1 |

Report: Performance / Account Number: 185946404262 Agent ID: o-19bub6kx628zxp16t

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Date/Time | Disks | NwCrds | CpuPct | Disk.GB | DiskFree.GB | RAM.MB | freeRAM.MB |
| 2018-05-04 22:32:43 | 1 | 1 | 0.332668 | 7.747471 | 6.250771 | 987.4766 | 154.2227 |
| 2018-05-04 23:30:05 | 1 | 1 | 0.256349 | 7.747471 | 6.250599 | 987.4766 | 149.4609 |
| 2018-05-04 23:45:06 | 1 | 1 | 0.275226 | 7.747471 | 6.250557 | 987.4766 | 145.7773 |
| 2018-05-04 22:45:14 | 1 | 1 | 0.300365 | 7.747471 | 6.250732 | 987.4766 | 151.0898 |
| 2018-05-04 23:00:01 | 1 | 1 | 0.244916 | 7.747471 | 6.250683 | 987.4766 | 151.4531 |
| 2018-05-04 23:15:03 | 1 | 1 | 0.249700 | 7.747471 | 6.250637 | 987.4766 | 149.7930 |

Report: Performance / Account Number: 185946404262 Agent ID: o-1e75y7xr9ifx0j1zd

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | DskBytesRdPS | DskBytesWrtnPS | DskRdOpsPS | DskWrtOpsPS |
| 2018-05-04 22:45:10 | 0 | 4.210146 | 0 | 0.510975 |
| 2018-05-04 23:45:02 | 0 | 4.134697 | 0 | 0.513509 |
| 2018-05-04 23:00:12 | 0 | 4.071924 | 0 | 0.507883 |
| 2018-05-04 23:15:14 | 0 | 4.387080 | 0 | 0.548940 |
| 2018-05-04 23:30:00 | 0 | 4.046856 | 0 | 0.504166 |
| 2018-05-05 00:30:07 | 0 | 4.919522 | 0 | 0.575576 |

Report: Performance / Account Number: 185946404262 Agent ID: o-1e75y7xr9ifx0j1zd

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date/Time | NWBytesRdPS | NWBytesWrtnPS | LogProcs | Cores | CPUs |
| 2018-05-04 22:45:10 | 0.2326729 | 0.2198369 | 1 | 1 | 1 |
| 2018-05-04 23:45:02 | 0.2116807 | 0.1381348 | 1 | 1 | 1 |
| 2018-05-04 23:00:12 | 0.1961348 | 0.2123848 | 1 | 1 | 1 |
| 2018-05-04 23:15:14 | 0.2431406 | 0.1419531 | 1 | 1 | 1 |
| 2018-05-04 23:30:00 | 0.1781455 | 0.1013594 | 1 | 1 | 1 |
| 2018-05-05 00:30:07 | 0.2413477 | 0.2292441 | 1 | 1 | 1 |

Report: Performance / Account Number: 185946404262 Agent ID: o-1e75y7xr9ifx0j1zd

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Date/Time | Disks | NwCrds | CpuPct | Disk.GB | DiskFree.GB | RAM.MB | freeRAM.MB |
| 2018-05-04 22:45:10 | 1 | 1 | 0.355631 | 7.747471 | 6.430767 | 987.4727 | 216.8398 |
| 2018-05-04 23:45:02 | 1 | 1 | 0.230907 | 7.747471 | 6.430592 | 987.4727 | 216.3438 |
| 2018-05-04 23:00:12 | 1 | 1 | 0.346317 | 7.747471 | 6.430725 | 987.4727 | 216.1133 |
| 2018-05-04 23:15:14 | 1 | 1 | 0.338536 | 7.747471 | 6.430683 | 987.4727 | 217.4492 |
| 2018-05-04 23:30:00 | 1 | 1 | 0.224647 | 7.747471 | 6.430645 | 987.4727 | 216.7383 |
| 2018-05-05 00:30:07 | 1 | 1 | 0.299733 | 7.747471 | 6.430279 | 987.4727 | 210.7734 |

Report: Performance / Account Number: 185946404262 Agent ID: o-4z09l4mrxirqawfnm

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | DskBytesRdPS | DskBytesWrtnPS | DskRdOpsPS | DskWrtOpsPS |
| 2018-05-04 22:45:12 | 0 | 4.269971 | 0 | 0.523170 |
| 2018-05-04 23:00:14 | 0 | 3.938633 | 0 | 0.477914 |
| 2018-05-04 23:45:04 | 0 | 3.881689 | 0 | 0.470239 |
| 2018-05-04 23:15:01 | 0 | 4.014531 | 0 | 0.498435 |
| 2018-05-04 23:30:02 | 0 | 4.036748 | 0 | 0.485741 |
| 2018-05-05 00:00:06 | 0 | 4.103457 | 0 | 0.501286 |

Report: Performance / Account Number: 185946404262 Agent ID: o-4z09l4mrxirqawfnm

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date/Time | NWBytesRdPS | NWBytesWrtnPS | LogProcs | Cores | CPUs |
| 2018-05-04 22:45:12 | 0.2161875 | 0.2011475 | 1 | 1 | 1 |
| 2018-05-04 23:00:14 | 0.2110293 | 0.2195625 | 1 | 1 | 1 |
| 2018-05-04 23:45:04 | 0.1931270 | 0.1256875 | 1 | 1 | 1 |
| 2018-05-04 23:15:01 | 0.2091709 | 0.1330664 | 1 | 1 | 1 |
| 2018-05-04 23:30:02 | 0.2146934 | 0.1089824 | 1 | 1 | 1 |
| 2018-05-05 00:00:06 | 0.2010654 | 0.1250254 | 1 | 1 | 1 |

Report: Performance / Account Number: 185946404262 Agent ID: o-4z09l4mrxirqawfnm

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Date/Time | Disks | NwCrds | CpuPct | Disk.GB | DiskFree.GB | RAM.MB | freeRAM.MB |
| 2018-05-04 22:45:12 | 1 | 1 | 0.361728 | 7.747471 | 6.521606 | 987.4727 | 200.0195 |
| 2018-05-04 23:00:14 | 1 | 1 | 0.354044 | 7.747471 | 6.521553 | 987.4727 | 199.7305 |
| 2018-05-04 23:45:04 | 1 | 1 | 0.229763 | 7.747471 | 6.521423 | 987.4727 | 199.1875 |
| 2018-05-04 23:15:01 | 1 | 1 | 0.303616 | 7.747471 | 6.521503 | 987.4727 | 202.9492 |
| 2018-05-04 23:30:02 | 1 | 1 | 0.275240 | 7.747471 | 6.521458 | 987.4727 | 199.8242 |
| 2018-05-05 00:00:06 | 1 | 1 | 0.240849 | 7.747471 | 6.521366 | 987.4727 | 199.0352 |

Report: Performance / Account Number: 185946404262 Agent ID: o-52chpzdphw2uysf30

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | DskBytesRdPS | DskBytesWrtnPS | DskRdOpsPS | DskWrtOpsPS |
| 2018-05-04 22:45:08 | 0 | 15.63271 | 0 | 1.77642 |
| 2018-05-04 23:13:02 | 0 | 15.76475 | 0 | 1.81041 |
| 2018-05-04 23:15:03 | 0 | 17.51396 | 0 | 1.98263 |
| 2018-05-04 23:30:08 | 0 | 14.88271 | 0 | 1.74367 |
| 2018-05-05 00:00:10 | 0 | 15.58125 | 0 | 1.84203 |
| 2018-05-04 23:45:05 | 0 | 16.41504 | 0 | 1.84847 |

Report: Performance / Account Number: 185946404262 Agent ID: o-52chpzdphw2uysf30

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date/Time | NWBytesRdPS | NWBytesWrtnPS | LogProcs | Cores | CPUs |
| 2018-05-04 22:45:08 | 0.1660215 | 0.2284814 | 1 | 1 | 1 |
| 2018-05-04 23:13:02 | 0.1546768 | 0.0561835 | 1 | 1 | 1 |
| 2018-05-04 23:15:03 | 0.4205605 | 0.9510918 | 1 | 1 | 1 |
| 2018-05-04 23:30:08 | 0.1328105 | 0.0457464 | 1 | 1 | 1 |
| 2018-05-05 00:00:10 | 0.1611689 | 0.0699461 | 1 | 1 | 1 |
| 2018-05-04 23:45:05 | 0.2409531 | 0.2705244 | 1 | 1 | 1 |

Report: Performance / Account Number: 185946404262 Agent ID: o-52chpzdphw2uysf30

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Date/Time | Disks | NwCrds | CpuPct | Disk.GB | DiskFree.GB | RAM.MB | freeRAM.MB |
| 2018-05-04 22:45:08 | 1 | 1 | 1.31149 | 74.8071 | 68.46322 | 3816.895 | 253.9062 |
| 2018-05-04 23:13:02 | 1 | 1 | 1.33548 | 74.8071 | 68.46321 | 3816.895 | 249.6797 |
| 2018-05-04 23:15:03 | 1 | 1 | 2.20939 | 74.8071 | 68.46317 | 3816.895 | 253.3516 |
| 2018-05-04 23:30:08 | 1 | 1 | 1.48497 | 74.8071 | 68.46313 | 3816.895 | 252.4219 |
| 2018-05-05 00:00:10 | 1 | 1 | 1.12061 | 74.8071 | 68.46302 | 3816.895 | 250.5977 |
| 2018-05-04 23:45:05 | 1 | 1 | 2.51717 | 74.8071 | 68.46308 | 3816.895 | 250.5898 |

### Network Interface Report

This report gives details on all of the active network interfaces found in the data center. Make note of any IP addresses that are NOT in your inventory.

nwList <- map(agent\_IDs, ~ getNetworkInterface(EMroot,. ))  
  
c\_names <- c("Date/Time", "Name", "MAC", "Family", "ipAddress", "Gateway", "netMask")  
for (i in 1:length(nwList)){  
 Account <- nwList[[i]][1,]$accountNumber  
 AgentID <- nwList[[i]][1,]$agentId  
 RptHdr <- paste("Report: Network Interface / Account Number: ", Account," Agent ID: ", AgentID, sep ="")  
   
 print(knitr::kable(tail(nwList[[i]][,c(9,3:8)]), caption = RptHdr, col.names = c\_names))  
 cat("\n\n\*\*\*")  
}

Report: Network Interface / Account Number: 185946404262 Agent ID: o-19bub6kx628zxp16t

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date/Time | Name | MAC | Family | ipAddress | Gateway | netMask |
| 2018-05-09 20:20:17 | eth0 | 02:B0:5C:20:63:96 | Ipv4 | 172.31.29.98 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:43:25 | eth0 | 02:B0:5C:20:63:96 | Ipv4 | 172.31.29.98 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:43:25 | eth0 | 02:B0:5C:20:63:96 | Ipv4 | 172.31.29.98 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:01:23 | eth0 | 02:B0:5C:20:63:96 | Ipv4 | 172.31.29.98 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:43:25 | eth0 | 02:B0:5C:20:63:96 | Ipv4 | 172.31.29.98 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:43:25 | eth0 | 02:B0:5C:20:63:96 | Ipv4 | 172.31.29.98 | 0.0.0.0 | 255.255.240.0 |

Report: Network Interface / Account Number: 185946404262 Agent ID: o-1e75y7xr9ifx0j1zd

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date/Time | Name | MAC | Family | ipAddress | Gateway | netMask |
| 2018-05-09 20:14:22 | eth0 | 02:ED:80:9E:51:20 | Ipv4 | 172.31.25.58 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:14:22 | eth0 | 02:ED:80:9E:51:20 | Ipv4 | 172.31.25.58 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 21:00:45 | eth0 | 02:ED:80:9E:51:20 | Ipv4 | 172.31.25.58 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 21:00:45 | eth0 | 02:ED:80:9E:51:20 | Ipv4 | 172.31.25.58 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 21:00:45 | eth0 | 02:ED:80:9E:51:20 | Ipv4 | 172.31.25.58 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 21:00:45 | eth0 | 02:ED:80:9E:51:20 | Ipv4 | 172.31.25.58 | 0.0.0.0 | 255.255.240.0 |

Report: Network Interface / Account Number: 185946404262 Agent ID: o-4z09l4mrxirqawfnm

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date/Time | Name | MAC | Family | ipAddress | Gateway | netMask |
| 2018-05-09 19:36:52 | eth0 | 02:AE:C8:E5:85:12 | Ipv4 | 172.31.17.21 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:53:06 | eth0 | 02:AE:C8:E5:85:12 | Ipv4 | 172.31.17.21 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:31:42 | eth0 | 02:AE:C8:E5:85:12 | Ipv4 | 172.31.17.21 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:31:42 | eth0 | 02:AE:C8:E5:85:12 | Ipv4 | 172.31.17.21 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:15:36 | eth0 | 02:AE:C8:E5:85:12 | Ipv4 | 172.31.17.21 | 0.0.0.0 | 255.255.240.0 |
| 2018-05-09 20:53:06 | eth0 | 02:AE:C8:E5:85:12 | Ipv4 | 172.31.17.21 | 0.0.0.0 | 255.255.240.0 |

Report: Network Interface / Account Number: 185946404262 Agent ID: o-52chpzdphw2uysf30

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date/Time | Name | MAC | Family | ipAddress | Gateway | netMask |
| 2018-05-06 03:19:34 | eth0 | 00:0C:29:59:05:59 | Ipv4 | 192.168.199.131 | 0.0.0.0 | 255.255.255.0 |
| 2018-05-06 03:19:34 | eth0 | 00:0C:29:59:05:59 | Ipv4 | 192.168.199.131 | 0.0.0.0 | 255.255.255.0 |
| 2018-05-07 01:22:47 | eth0 | 00:0C:29:59:05:59 | Ipv4 | 192.168.199.131 | 0.0.0.0 | 255.255.255.0 |
| 2018-05-07 01:22:47 | eth0 | 00:0C:29:59:05:59 | Ipv4 | 192.168.199.131 | 0.0.0.0 | 255.255.255.0 |
| 2018-05-07 01:22:47 | eth0 | 00:0C:29:59:05:59 | Ipv4 | 192.168.199.131 | 0.0.0.0 | 255.255.255.0 |
| 2018-05-07 01:22:47 | eth0 | 00:0C:29:59:05:59 | Ipv4 | 192.168.199.131 | 0.0.0.0 | 255.255.255.0 |