

CMDB and MORE!

zLinux inventory management
with Guest Finder



In the beginning there was Full-zLinux-guest-list.xls

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	DC	LPAR+A1	VM Guest	default CPU	max CPU	default Memory (GB)	Max Memory (GB)	Application	Hostname	ETH0 Vswitch name	ETH0 VLAN	ETH0 Network	ETH0 IP address	ETH0 broadcast	ETH0 Gateway	ETH0 subnetmask	ETH0
821	DC 1	P105	JS1A1097	2	2	8.0	8	SBS	dc1prjaszap1097	HNG1	2512	Internet - Hosting	11.1.112.187	11.1.112.255	11.1.112.1	255.255.255.0	
822	DC 1	P105	JS1A1099	2	2	8.0	8	SBS	dc1prjaszap1099	HNG2	2512	Internet - Hosting	11.1.112.189	11.1.112.255	11.1.112.1	255.255.255.0	
823	DC 1	P105	JS1A1101	2	2	8.0	8	SBS	dc1prjaszap1101	HNG1	2512	Internet - Hosting	11.1.112.191	11.1.112.255	11.1.112.1	255.255.255.0	
824	DC 1	P105	JS1A1103	2	2	8.0	8	SBS	dc1prjaszap1103	HNG2	2512	Internet - Hosting	11.1.112.193	11.1.112.255	11.1.112.1	255.255.255.0	
825	DC 1	P105	JS1A1105	2	2	5.5	5.5	Vantage HCM	dc1prjaszap1105	HNG1	2512	Internet - Hosting	11.1.112.195	11.1.112.255	11.1.112.1	255.255.255.0	
826	DC 1	P105	JS1A1107	2	2	5.5	5.5	Vantage HCM	dc1prjaszap1107	HNG2	2512	Internet - Hosting	11.1.112.197	11.1.112.255	11.1.112.1	255.255.255.0	
827	DC 1	P105	JS1A1109	2	2	4.0	4	Vantage HCM	dc1prjaszap1109	HNG1	2512	Internet - Hosting	11.1.112.199	11.1.112.255	11.1.112.1	255.255.255.0	
828	DC 1	P105	JS1A1111	2	2	4.0	4	Vantage HCM	dc1prjaszap1111	HNG2	2512	Internet - Hosting	11.1.112.201	11.1.112.255	11.1.112.1	255.255.255.0	
829	DC 1	P105	JS1A1113	2	2	4.0	4	Vantage HCM	dc1prjaszap1113	HNG1	2512	Internet - Hosting	11.1.112.203	11.1.112.255	11.1.112.1	255.255.255.0	
830	DC 1	P105	JS1A1115	2	2	4.0	4	Vantage HCM	dc1prjaszap1115	HNG2	2512	Internet - Hosting	11.1.112.205	11.1.112.255	11.1.112.1	255.255.255.0	
831	DC 1	P105	JS1A1125	2	2	5	5	Retirement Services (401k)	dc1prjaszap1125	HNG1	2512	Internet - Hosting	11.1.112.207	11.1.112.255	11.1.112.1	255.255.255.0	
832	DC 1	P105	JS1A1127	2	2	5	5	Retirement Services (401k)	dc1prjaszap1127	HNG1	2512	Internet - Hosting	11.1.112.209	11.1.112.255	11.1.112.1	255.255.255.0	
833	DC 1	P105	JS1A1129	2	2	4	4	Vantage HCM	dc1prjaszap1129	HNG1	2512	Internet - Hosting	11.1.112.211	11.1.112.255	11.1.112.1	255.255.255.0	
834	DC 1	P105	JS1A1181	4	4	6	6	SASS	dc1prjaszap1181	HNG1	2512	Internet - Hosting	11.1.112.222	11.1.112.255	11.1.112.1	255.255.255.0	
835	DC 1	P105	JS1A1183	4	4	6	6	SASS	dc1prjaszap1183	HNG2	2512	Internet - Hosting	11.1.112.224	11.1.112.255	11.1.112.1	255.255.255.0	

Full-zLinux-guest-list.xls

- Build requests were submitted with the pertinent information in a spreadsheet, which had to be imported
- Stored centrally in Sharepoint
- Manually maintained
- Often inconsistent with real data (LPAR, CPUs, Memory, etc)
- Not always updated with new build information
- Had to be refreshed to get “current” data

What's being used

z/VM

- RSCS (Remote spooling Communications Subsystem)
- Operations Manager
- dirmaint

zLinux

- apache
- mariadb
- S390x tools

Full-zLinux-guest-list-modified.csv

- Stored on zlinux webservers
- Same spreadsheet structure as the manually maintained spreadsheet in Sharepoint
- Updated with information collected at boot time from the zLinux guest
- Website functionality added as needed:
 - SSH link
 - Up/Down/Nolog status checks
 - Velocity links for guest/lpar
 - ADP CMDB-DA link
 - Ability to Start/shut/bounce guests
 - IPL History
 - Link to the original iplinfo file

guestinfo SQL Database

- More CMDB-style than the spreadsheet
- Updated with the same information from the iplinfo file
- Allows for more granular searches from SQL calls or from the website select screen
- Tailored API calls
- Accessible from any SQL client
- Website functionality slightly less than original guest finder:
 - SSH link
 - Up/Down status checks
 - Velocity links for guest/lpar
 - ADP CMDB-DA link
- Tables:
 - cpuid decommissioned guest iplinfo nolog_info

guestinfo SQL Database

Dc

Vmname

Cpumax

Maxstor

Hostname

Eth0vsw

Eth0ip

Eth0gw

Dmgr

Patch

Uuid

lpar

cpudev

defstor

acct

eth0vlan

eth0net

eth0bcast

eth0mask

pod

protocol

mac_350

iplinfo.sh

- runs on every zLinux guest at boot time to collect pertinent information
- file is punched through RSCS to engweb01/engweb02
- OPS Manager rule detects punch file receipt and runs the ingestion script
- file is parsed to update spreadsheet and SQL database
- Additional information collection added to the script as needed

Sample iplinfo file

Hostname: dc1engweb01.mf.adp.com
DNS FQDN: dc1mfengweb01.blmgmt.whc
LPAR: V1P1
Sysname: V1P1
CPUID: B578
LPARNum: 3B
Last IPL: Sun Apr 24 00:37:00 EDT 2022
Version: 4.12.14-122.83-default Tue Aug 3 08:37:22
CPUs: 5
Storage: 17G 32G
Account: 00866000
UUID: 17309ace08f44c509a6d46336e9cf9be
Release: SLES12:2021-q4

Bus-ID	Status	Name	Device	Type	BlkSz	Size	Blocks
0.0.0151	active	dasda	94:0	ECKD	4096	15355MB	3931020
0.0.0160	active	dasdb	94:4	FBA	512	97MB	200000
0.0.0161	active	dasdc	94:8	FBA	512	1041MB	2133336
0.0.0152	active	dasdd	94:12	ECKD	4096	23033MB	5896620
0.0.0153	active	dasde	94:16	ECKD	4096	11516MB	2948220
0.0.015f	active	dasdf	94:20	ECKD	4096	11516MB	2948220
0.0.0191	active	dasdg	94:24	ECKD	4096	351MB	90000
0.0.0154	active	dasdh	94:28	ECKD	4096	11516MB	2948220
0.0.0155	active	dasdi	94:32	ECKD	4096	15355MB	3931020
/dev/mapper/sanvg-sanlv			37G	24G	12G	68%	/home/thompsop

NIC 350 02-0D-C1-FF-F8-1D ESNETVSW 1198 esnet
ETH 350 10.175.198.249 10.175.198.255 255.255.255.0 10.175.198.1 STATIC

System checks

=====
qualys nosudoers
drsan off network off local 0 fstab 0
resolv.conf standard
search mf.adp.com es.ad.adp.com adp.com es.oneadp.com whc.dc02.us.adp whc.dc01.u
s.adp

Software levels:

=====
s390-tools-2.1.0-18.35.1.s390x
s390-tools-zdfs-2.1.0-18.35.1.s390x

getiplinfo.sh

- Runs automatically when a punch file is received for engweb01/engweb02 via an opsmgr command:

```
DEFRULE NAME(GETIPLNF), user(ENGWEB01),MATCH(*DMTAXM104I File * to  
ENGWEB01*),ACTION(GETIPLNF)
```

- Checks VM punch queue for iplinfo files
- Stores received iplinfo files in `/var/iplinfo/`
- Parses information to load the spreadsheet and SQL guest database
- Loads the following data into iplinfo table of guestinfo DB:
vmname,ipldate,cpus,storage,patch,cupid,mac,eth

userpurg

- OPSMGR rule/exec to send notification of purged users when dirmaint purges a user
MATCH(*DVHREQ2288I Your PURGE request for *)
- Punches a file to engweb01/engv2n1 with username of purged user
- getiplinfo.sh sees the punched file and calls getuserpurge.sh
- Guest information is moved:
Full-guest-list-modified.csv to decommissioned.csv
guest table to decommissioned table in guest SQL database
- Additional cleanup steps for CMDB-DA decommission and LDAP purge

Guestinfo DB structure

- tables guest/decommissioned:
dc char(3),lpar char(8),vmname char(8),cpudef int(11),cpumax int(11),defstor varchar(6),maxstor varchar(6),acct char(8),hostname varchar(40),eth0vlan char(8),eth0vsw char(8),eth0net char(8),eth0ip char(15),eth0bcast char(15),eth0gw char(15),eth0mask char(15),eth1vlan char(8),eth1vsw char(8),eth1net char(8),eth1ip char(15),eth1bcast char(15),eth1gw char(15),eth1mask char(15),dmgr char(25),pod char(25),statdest char(15),statmask char(15),purpose char(20),status char(20),dasd char(20),san char(20),nfs char(20),patch char(20),notes char(20),eth2ip char(15),eth2vsw char(8),eth2mask char(15),eth2vlan char(8),oravip char(15),mgmtvip char(15),builtby char(20),protocol char(6),uuid varchar(37),mac_350 varchar(17),deathrow datetime
- table iplinfo:
vmname char(8),ipldate datetime,cpus int(11),storage char(6),sleslvl char(20),cpuid char(6),mac_350 varchar(17),eth0ip char(15),mac_360 varchar(17),mac_370 varchar(17),mac_1000 varchar(17),mac_1010 varchar(17)
- table cpuid:
vmname char(8),cpuid char(6),lpar char(8),lparnum char(2)

Web-based data access

- <http://engweb01.mf.adp.com/finder.html>
 - Runs against Full-guest-list-modified.csv but checks each guest against current iplinfo data
 - Single-value query
 - Checks up/down status of each guest in the query
 - Provides an ssh-link to each guest in the query
 - Slow because of the iplinfo comparison, but more so due to the ping of each guest (the more guests that are up in the query, the faster the page is built)
 - Provides a link to historical ipl information from iplinfo table in guestinfo DB
 - Creates a .csv file and provides a link to access the file
- <http://engweb01.mf.adp.com/upfinder.html>
 - Same as finder except a list can be entered for the search
- <http://engweb01.mf.adp.com/sqlfinder.html>
 - Runs against guestinfo DB
 - Multiple-value query
 - Pull-down sort field options
 - Includes a link for a .csv file
 - Selectable output information
 - Option to check up/down status (slower)
- http://engweb01.mf.adp.com/finder_frames.html
 - One page with all 3 of the above tools
- <http://engweb01.mf.adp.com/sqliplinfo.html>
 - Sql search for ipl records
- http://engweb01.mf.adp.com/os_levels.html
 - Breakdown of zLinux OS's

Finder_frames.html

Guest Finder

Enter Guest information without wildcards (all will display all guests without checking the up/down status)

-- OR --

Select by BPTID

Searchable information includes full or partial values for any of the fields in the Full-Guest-List Spreadsheet.:

IP Address
VM Name
VM LPAR
Linux Name
VLAN
Service Desk Ticket Number
Function (i.e. WFN, iHub, CSL, EV4, EV5, etc.)
Patch Level (Jul-12, Jan-13, SLES11)

SQL-based Finder featuring filterable search of the repository:
[SQLFinder](#)

Frames-based Finder Suite:
[Finder Frames](#)

SQL Guest Finder

Guest Finder SQL Query Selection
Note: Use % for embedded wildcards)

All Selective

Status Check:

For Selective, choose the desired fields:

Environment: DC LPAR VMNAME HOSTNAME PATCH
 CPUDEF CPUMAX DEFSTOR MAXSTOR

ETH0: ETH0IP ETH0VSW ETH0VLAN ETH0NET ETH0GW
ETH1: ETH1IP ETH1VSW ETH1VLAN ETH1NET
ETH2: ETH2IP ETH2VSW ETH2VLAN
Application: BPTID DMGR POD

Selection criteria:

Linux Host Name

VM Guest Name

LPAR

Datacenter

BPTID Lookup

BPTID Number

IP Address

VSWITCH Name

VLAN Number

Network

POD

Patch Level

Sort by:

Active/Decommissioned:

Guest Finder by list

Enter Selection Criteria. ONE PER LINE:

Guest Finder

1	2	3	4							5		6	7
Guest Name	VM Name	LPAR	ETH0 Addr	ETH1 Addr	ETH2 Addr	Purpose	CPU's	Min Stor	Max Stor	Status	Patch_Level	IPL_Information	IPL History
cdldvjassap107	DJSLA107	VLB8	10.1.168.134			00187SMS	2	6656M	32G	Up	Rhel84 Oct-21	May 15 2022 03:26:00	DJSLA107
cdldvjassap108	DJSLA108	VLB8	10.1.168.135			00187SMS	2	8G	32G	Up	Rhel84 Oct-21	May 15 2022 03:26:00	DJSLA108
cdldvjassap109	DJSLA109	VLB2	10.1.168.136			00187SMS	1	6656M	32G	Up	Rhel84 Oct-21	May 15 2022 01:31:00	DJSLA109
cdldvjassap100	DJSLA100	VLB4	10.1.168.127			00187SMS	1	8G	32G	Up	SLES12 Oct-21	May 15 2022 02:15:00	DJSLA100
cdldvjassap101	DJSLA101	VLB4	10.1.168.128			00187SMS	1	6656M	32G	Up	Rhel84 Oct-21	May 15 2022 02:14:00	DJSLA101
cdldvjassap102	DJSLA102	VLB4	10.1.168.129			00187SMS	1	8G	32G	Up	Rhel84 Oct-21	May 15 2022 02:14:00	DJSLA102
cdldvjassap103	DJSLA103	VLB4	10.1.168.130			00187SMS	1	9G	32G	Up	SLES12 Oct-21	May 15 2022 02:15:00	DJSLA103
cdldvjassap104	DJSLA104	VLB4	10.1.168.131			00187SMS	1	9G	32G	Up	SLES12 Oct-21	May 15 2022 02:15:00	DJSLA104
cdldvjassap105	DJSLA105	VLB4	10.1.168.132			00187SMS	1	6656M	32G	Nolog	SLES12 Oct-20	Jan 24 2021 02:37:00	DJSLA105
cdldvjassap106	DJSLA106	VLB4	10.1.168.133			00187SMS	1	8G	32G	Nolog	SLES12 Oct-20	Jan 24 2021 02:37:00	DJSLA106

Total number of guests found: 10
Total default cpus defined: 12
Total default storage defined: 76.00 Gig
Total max storage defined: 320.00 Gig
Total up guests: 8
Total down guests: 2

[107974977.csv](#)

8

1. Link to CMDB-DA (ADP's world-wide CMDB)
2. Link to Velocity for the guest
3. Link to Velocity for the LPAR
4. SSH link to the guest
5. Status change options (start/stop/bounce/reset ssh) requires ldap authentication
6. Link to raw iplinfo file
7. Link to historical ipl information
8. Downloadable .csv file

Guest Finder

Guest Name	VM Name	LPAR	ETH0 Addr	ETH1 Addr	ETH2 Addr	Purpose	CPUs	Min Stor	Max Stor	Status	Patch_Level	IPL_Information	IPL History
cdldvjassap107	DJSLA107	VLB6	10.1.168.134			00187SMS	2	9G	32G	Up	Rhel84 Oct-21	Jun 12 2022 03:45:00	DJSLA107
cdldvjassap108	DJSLA108	VLB6	10.1.168.135			00187SMS	2	9G	32G	Up	Rhel84 Oct-21	Jun 12 2022 03:45:00	DJSLA108
cdldvjassap109	DJSLA109	VLB2	10.1.168.136			00187SMS	1	6656M	32G	Up	Rhel84 Oct-21	Jun 12 2022 01:31:00	DJSLA109
cdldvjassap100	DJSLA100	VLB4	10.1.168.127			00187SMS	1	8G	32G	Up	SLES12 Oct-21	Jun 12 2022 02:17:00	DJSLA100
cdldvjassap101	DJSLA101	VLB4	10.1.168.128			00187SMS	1	6656M	32G	Up	Rhel84 Oct-21	Jun 12 2022 02:17:00	DJSLA101
cdldvjassap102	DJSLA102	VLB4	10.1.168.129			00187SMS	1	8G	32G	Up	Rhel84 Oct-21	Jun 12 2022 02:17:00	DJSLA102
cdldvjassap103	DJSLA103	VLB4	10.1.168.130			00187SMS	1	9G	32G	Up	SLES12 Oct-21	Jun 12 2022 02:17:00	DJSLA103
cdldvjassap104	DJSLA104	VLB4	10.1.168.131			00187SMS	1	9G	32G	Up	SLES12 Oct-21	Jun 12 2022 02:17:00	DJSLA104
cdldvjassap105	DJSLA105	VLB4	10.1.168.132			00187SMS	1	6656M	32G	Nolog	SLES12 Oct-20	Jan 24 2021 02:37:00	DJSLA105
cdldvjassap106	DJSLA106	VLB4	10.1.168.133			00187SMS	1	8G	32G	Nolog	SLES12 Oct-20	Jan 24 2021 02:37:00	DJSLA106

Authentication & Identity Management (AIM)

Total number of guests found: 10
 Total default cpus defined: 12
 Total default storage defined: 79.50 Gig
 Total max storage defined: 320.00 Gig
 Total up guests: 8
 Total down guests: 2

[668158315.csv](#)

Hover on Purpose will display information on the application

Guest Finder

Guest Name	VM Name	LPAR	ETH0 Addr	ETH1 Addr	ETH2 Addr	Purpose	CPUs	Min Stor	Max Stor	Status	Patch_Level	IPL_Information	IPL History
cdldvjassap107	DJSLA107	VLB6	10.1.168.134			00187SMS	2	9G	32G	Up	Rhel84 Oct-21	Jun 12 2022 03:45:00	DJSLA107
cdldvjassap108	DJSLA108	VLB6	10.1.168.135			00187SMS	2	9G	32G	Up	Rhel84 Oct-21	Jun 12 2022 03:45:00	DJSLA108
cdldvjassap109	DJSLA109	VLB2	10.1.168.136			00187SMS	1	6656M	32G	Up	Rhel84 Oct-21	Jun 12 2022 01:31:00	DJSLA109
cdldvjassap100	DJSLA100	VLB4	10.1.168.127			00187SMS	1	8G	32G	Up	SLES12 Oct-21	Jun 12 2022 02:17:00	DJSLA100
cdldvjassap101	DJSLA101	VLB4	10.1.168.128			00187SMS	1	6656M	32G	Up	Rhel84 Oct-21	Jun 12 2022 02:17:00	DJSLA101
cdldvjassap102	DJSLA102	VLB4	10.1.168.129			00187SMS	1	8G	32G	Up	Rhel84 Oct-21	Jun 12 2022 02:17:00	DJSLA102
cdldvjassap103	DJSLA103	VLB4	10.1.168.130			00187SMS	1	9G	32G	Up	SLES12 Oct-21	Jun 12 2022 02:17:00	DJSLA103
cdldvjassap104	DJSLA104	VLB4	10.1.168.131			00187SMS	1	9G	32G	Up	SLES12 Oct-21	Jun 12 2022 02:17:00	DJSLA104
cdldvjassap105	DJSLA105	VLB4	10.1.168.132			00187SMS	1	6656M	32G	No log	SLES12 Oct-20	Jan 24 2021 02:37:00	DJSLA105
cdldvjassap106	DJSLA106	VLB4	10.1.168.133			00187SMS	1	8G	32G	No log	SLES12 Oct-20	Jan 24 2021 02:37:00	DJSLA106

Total number of guests found: 10
 Total default cpus defined: 12
 Total default storage defined: 79.50 Gig
 Total max storage defined: 320.00 Gig
 Total up guests: 8
 Total down guests: 2

[668158315.csv](#)

Hover on NOLOG-ed guests will display comments from dirmaint, if available

Sample iplhistory

DJSLA107 iplinfo

vmname	ipldate	cpus	storage	sleslvl	cpuid	mac_350	eth0ip	mac_360	mac_370	mac_1000	mac_1010
DJSLA107	2022-06-12 03:45:00	2	9G	Rhel84 Oct-21	B588	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-05-29 03:28:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-05-15 03:26:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-05-01 03:25:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-04-17 03:24:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-04-03 03:29:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-03-20 03:28:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-03-20 03:28:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-03-06 00:31:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-02-20 08:48:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-02-20 08:23:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-02-10 21:53:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-02-09 14:12:00	2	6656M	Rhel84 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-02-06 03:32:00	2	6656M	SLES12 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-01-23 03:29:00	2	6656M	SLES12 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-01-10 05:14:00	2	6656M	SLES12 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2022-01-09 03:26:00	2	6656M	SLES12 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2021-12-26 03:32:00	2	6656M	SLES12 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2021-12-12 03:32:00	2	6656M	SLES12 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				
DJSLA107	2021-11-28 03:27:00	2	6656M	SLES12 Oct-21	B4F8	02-0C-D1-FF-FD-36	10.1.168.134				

SQL Guest Finder

Guest Finder SQL Query Selection
Note: Use % for embedded wildcards)

All Selective

Status Check:

For Selective, choose the desired fields:

Environment: DC LPAR VMNAME HOSTNAME PATCH
 CPUDEF CPUMAX DEFSTOR MAXSTOR

ETH0: ETH0IP ETH0VSW ETH0VLAN ETH0NET ETH0GW
 ETH1IP ETH1VSW ETH1VLAN ETH1NET

ETH2: ETH2IP ETH2VSW ETH2VLAN

Application: BPTID DMGR POD

Selection criteria:

Linux Host Name

VM Guest Name

LPAR

Datacenter

BPTID Lookup

BPTID Number

IP Address

VSWITCH Name

VLAN Number

Network

POD

Patch Level

Sort by:

Active/Decommissioned:

SQL Finder allows for filtering based on most fields in the database

SQL Guest Finder

Guest Finder SQL Query Selection
Note: Use % for embedded wildcards)

All Selective

Status Check:

For Selective, choose the desired fields:

Environment: DC LPAR VMNAME HOSTNAME PATCH
 CPUDEF CPUMAX DEFSTOR MAXSTOR

ETH0: ETH0IP ETH0VSW ETH0VLAN ETH0NET ETH0GW
ETH1: ETH1IP ETH1VSW ETH1VLAN ETH1NET
ETH2: ETH2IP ETH2VSW ETH2VLAN

Application: BPTID DMGR POD

Selection criteria:

Linux Host Name

VM Guest Name

LPAR

Datacenter

BPTID Lookup

BPTID Number

IP Address

VSWITCH Name

VLAN Number

Network

POD

Patch Level

Sort by:

Active/Decommissioned:

SQL Finder allows for filtering based on most fields in the database

SQL Guest Finder

Number of guests matching selection criteria: 26

DC	LPAR	VMNAME	HOSTNAME	PATCH	CPUDEF	DEFSTOR	ETH0IP	ETH0VSW	ETH0VLAN	ETH0NET	ETH0GW	ACCT
DC1	V1N1	ENGV1N1	dc1engv1n101	Rhel83 Jul-21	1	10G	11.6.123.184	ESNETNG	2540	esnet	11.6.120.1	00866000
DC1	V1N2	ENGV1N2	dc1engv1n201	Rhel83 Jan-21	1	1G	11.6.123.181	ESNETNG	2540	esnet	11.6.120.1	00866000
DC1	V1P1	ENGV1P1	dc1engv1p101	Rhel83 Jan-21	1	1G	11.6.123.177	ESNETVSW	2540	esnet	11.6.120.1	00866000
DC1	V1P2	ENGV1P2	dc1engv1p201	Rhel83 Jan-21	1	1G	11.6.123.190	ESNETVSW	2540	esnet	11.6.120.1	00866000
DC1	V1P3	ENGV1P3	dc1engv1p301	Rhel83 Jan-21	1	2G	11.6.123.182	ESNETNG	2540	esnet	11.6.120.1	00866000
DC1	V1P4	ENGV1P4	dc1engv1p401	Rhel83 Jan-21	1	1G	11.6.123.191	ESNETVSW	2540	esnet	11.6.120.1	00866000
DC2	V2C1	ENGV2C1	dc2engv2c101	Rhel85 Jan-22	1	3G	11.10.123.235	ESNETVSW	2540	esnet	11.10.120.1	00866000
DC2	V2C2	ENGV2C2	dc2engv2c201	Rhel85 Jan-22	1	3G	11.10.121.227	ESNETVSW	2540	esnet	11.10.120.1	00866000
DC2	V2N1	ENGV2N1	dc2engv2n101	Rhel85 Jan-22	1	1G	11.10.123.209	ESNETNG	2540	esnet	11.10.120.1	00866000
DC2	V2N2	ENGV2N2	dc2engv2n201	Rhel85 Jan-22	1	1G	11.10.121.238	ESNETNG	2540	esnet	11.10.120.1	00866000
DC2	V2N3	ENGV2N3	dc2engv2n301	Rhel83 Jan-21	1	1G	11.10.121.224	ESNETNG	2540		11.10.120.1	00866000
DC2	V2P1	ENGV2P1	dc2engv2p101	Rhel85 Jan-22	1	3G	11.10.123.239	ESNETVSW	2540	esnet	11.10.120.1	00866000
DC2	V2P2	ENGV2P2	dc2engv2p201	Rhel85 Jan-22	1	3G	11.10.123.249	ESNETVSW	2540	esnet	11.10.120.1	00866000
DC2	V2P3	ENGV2P3	dc2engv2p301	Rhel85 Jan-22	1	3G	11.10.121.228	ESNETVSW	2540	esnet	11.10.120.1	00866000
DC2	V2P4	ENGV2P4	dc2engv2p401	Rhel85 Jan-22	1	3G	11.10.123.250	ESNETVSW	2540	esnet	11.10.120.1	00866000
DC2	V2P5	ENGV2P5	dc2engv2p501	Rhel85 Jan-22	1	3G	11.10.121.229	ESNETVSW	2540	esnet	11.10.120.1	00866000
DC2	V2P6	ENGV2P6	dc2engv2p601	Rhel85 Jan-22	1	3G	11.10.123.230	ESNETVSW	2540	esnet	11.10.120.1	00866000
CDL	VLB1	ENGVLB1	cdlengv1b101	Rhel84 Oct-21	1	2G	51.16.116.227	ESNETNG	2504	esnet	51.16.116.1	00866VML
CDL	VLB2	ENGVLB2	cdlengv1b201	Rhel83 Apr-21	1	2G	51.16.116.228	ESNETNG	2504	esnet	51.16.116.1	00866VML
CDL	VLB4	ENGVLB3	cdlengv1b301	Rhel84 Oct-21	1	2G	51.16.116.229	ESNETNG	2504	esnet	51.16.116.1	00866VML
CDL	VLB4	ENGVLB4	cdlengv1b401	Rhel83 Jan-21	1	4G	51.20.247.151	ESNETNG	2094	esnetng	51.20.244.1	00866VML
CDL	VLB5	ENGVLB5	cdlengv1b501	Rhel83 Jan-21	1	2G	51.20.247.176	ESNETNG	2094	esnetng	51.20.244.1	00866VML
CDL	VLB6	ENGVLB6	cdlengv1b601	Rhel83 Jan-21	1	2G	51.20.247.177	ESNETNG	2094	esnetng	51.20.244.1	00866VML
CDL	VLB8	ENGVLB8	cdlengv1b801	Rhel84 Oct-21	1	2G	51.16.116.231	ESNETNG	2504	esnet	51.16.116.1	00866VML
CDL	VLBX	ENGVLBX	cdlengv1bx01	Rhel84 Oct-21	2	3G	51.20.244.198	ESNETNG	2094	esnetng	51.20.244.1	00866000
CDL	VLBX	ENGVLBX2	cdlengv1bx02	Rhel84 Oct-21	2	3G	51.20.246.242	ESNETNG	2094	esnetng	51.20.244.1	00866000



Demo

Q&A

