

Pensando and ServiceNow Integration



The Pensando CMDB Integration app, available from the [ServiceNow store](#), provides coordination between the Pensando Policy and Services Manager (PSM) and the ServiceNow platform, allowing a ServiceNow instance to discover and manage the inventory within a Pensando Distributed Services Platform environment. The Pensando CMDB Integration app can be used to troubleshoot application and network issues within a server, between servers, or as a reference for finding hardware associated with virtual machines and containers.

The app provides for automated inventory retrieval from a Pensando PSM instance, including detailed information on all physical hosts, managed Pensando Distributed Services Cards (DSCs), workloads, and any orchestrators that are utilized. It can be used to quickly find the relationship between workloads and their DSCs, the PSM and its DSCs, orchestrators, and physical hosts, in a simple, hierarchical fashion. Each type of item in the inventory has a clickable view of its relationships between other items in the inventory.

Name	Resource Version	Correlation ID	Phase	Quorum	Status	Most recent discovery
10.29.67.31	38063801	3a83c18b-c53e-448f-8c87-2ca16da0d175	joined	true	Installed	2021-02-09 10:30:32
10.29.75.21	24810374	336d5e18-c2b0-4e8b-993c-e9f7bb3f4995	joined	true	Installed	2021-02-10 00:19:08
10.29.82.46	39841349	215cd933-f4bc-48ff-99ec-e60186d7061c	joined	true	Installed	2021-02-09 10:30:32

Works with multiple PSM instances

PENSANDO

Description of fields:

- PSM Node: Provide IP Address or Host Name of the PSM Node.
- Username: Username of your PSM account.
- Password: Password of your PSM account.
- Tenant: Specify tenant to point to a specific tenant.
- MID Server: Specify MID Server which can directly communicate to PSM.

* PSM Node: 10.10.10.10

* Username: apluser

* Password: [password field]

* Tenant: default

* MID Server: psm_mid_02207

Submit Pensando PSM Discovery

Wizard to add PSM instance

Virtualization Server
orch1-host-9 (Pensando view)

Name:

DNS Domain: 10.29.75.21

Correlation ID: 1

Object ID: 32a212c7-b6d5-41bc-a250-f535d8e14abf

Status: Installed

Most recent discovery: 2021-02-10 00:20:10

Related Items

- Hosted on - Cloud Service Accounts
 - [L2] Pod5-vCenter, Pod5-vCenter -> 1 Pod5-vCenter
 - [L2] SE-vCenter-Pod2 -> 1 SE-vCenter-Pod2
- Managed by - VMware vCenter Datacenters
 - [L1] Pod5-vCenter
 - [L1] Pod5-vCenter
 - [L1] SE-vCenter-Pod2
- Owned by - Hardware
 - [L2] [00ae.cd01.0a58 ->] 00ae.cd01.0a58
 - [L2] [00ae.cd01.1e38 ->] 00ae.cd01.1e38
- Runs - Network Adapters
 - [L1] 00ae.cd01.0a58
 - [L1] 00ae.cd01.1e38
- Runs on - VMware Virtual Machine Instances
 - [L1] orch1-vm-28
 - [L1] orch1-vm-42
 - [L1] orch1-vm-42
 - [L1] orch1-vm-43
 - [L1] orch1-vm-47
 - [L1] orch1-vm-52
 - [L1] orch1-vm-52
 - [L1] orch1-vm-55
 - [L1] orch1-vm-56
 - [L1] orch1-vm-56
 - [L1] orch1-vm-83
 - [L1] orch1-vm-90
 - [L1] vmkWorkload-orch1-host-9

View the relationship between hosts, orchestrators, DSCs, interfaces and workloads

Virtualization Server
orch1-host-9 (Pensando view)

Name:

DNS Domain: 10.29.75.21

Correlation ID: 1

Object ID: 32a212c7-b6d5-41bc-a250-f535d8e14abf

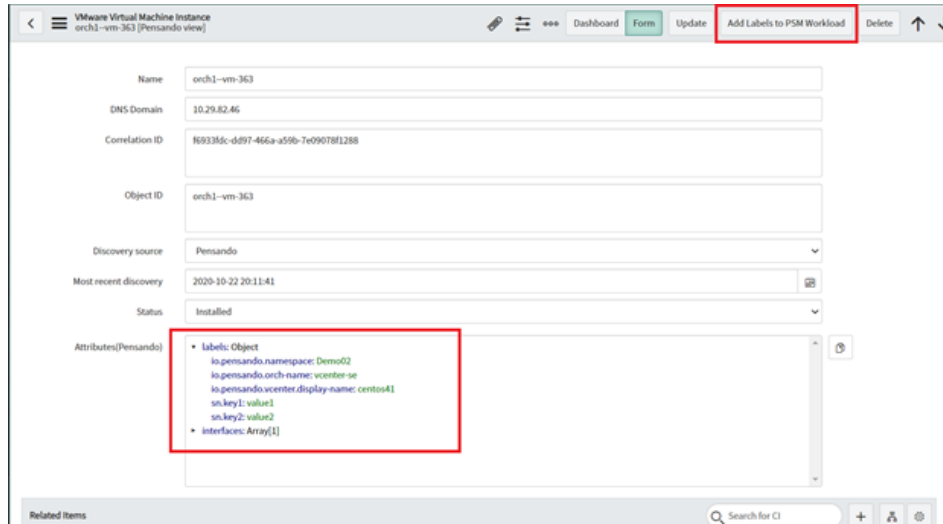
Status: Installed

Most recent discovery: 2021-02-10 00:20:10

Related Items

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 - [L1] Pod5-vCenter
 - [L1] Pod5-vCenter
 - [L1] SE-vCenter-Pod2
- Owned by - Hardware
 - [L2] [00ae.cd01.0a58 ->] 00ae.cd01.0a58
 - [L2] [00ae.cd01.1e38 ->] 00ae.cd01.1e38
- Runs - Network Adapters
 - [L1] 00ae.cd01.0a58
 - [L1] 00ae.cd01.1e38
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 - [L1] orch1-vm-28
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 - [L1] orch1-vm-47
 - [L1] orch1-vm-52
 - [L1] orch1-vm-52
 - [L1] orch1-vm-55
 - [L1] orch1-vm-56
 - [L1] orch1-vm-56
 - [L1] orch1-vm-83
 - [L1] orch1-vm-90
 - [L1] vmkWorkload-orch1-host-9

View all workloads



Modify workload labels from ServiceNow

Availability

[Download](#) the Pensando CMDB Integration App from the ServiceNow store.