More information can be extracted from AWS when a VM is deployed in a hybrid setting. In particular we have selected the following attributes, that will be incorporated to the user template and defined:

```
EC2DRIVER_MONITOR=[
    DNSNAME,
    PRIVATEDNSNAME,
    KEYNAME,
    AVAILABILITYZONE,
    PLATFORM,
    VPCID,
    PRIVATEIPADDRESS,
    IPADDRESS,
    SUBNETID,
]

EC2DRIVER_TAGS=[
    KEY_NAME = KEY_VALUE,
    ...
]
```

Every attribute is obtained from the corresponding XML element returned from the API, i.e. DNSNAME from `<dnsName/>`, KEYNAME from `<keyName/>`, PRIVATEIPADDRESS from `<privatelpAddress/>`...

Tags are extracted from the AWS tags:

```
<item>
    <key>Description</key>
    <value>Windows Instance</value>
</item>
```

in this example we will generate:

```
EC2DRIVER_TAGS=[
    DESCRIPTION = "Windows Instance"
]
```
Related issues:
Duplicates Feature # 2142: EC2 VMs to be monitored correctly when within a VPC
Closed 06/26/2013

Associated revisions
Revision 51f5fdb8 - 11/21/2013 05:46 PM - Daniel Molina

feature #2435: TOTALMEMORY should be an integer instead of a float

Revision b32af2dc - 11/21/2013 05:46 PM - Daniel Molina

feature #2435: Change poll hostname argument

Revision 8f4a2ee2 - 11/21/2013 05:46 PM - Daniel Molina

feature #2435: Add extra monitoring information for EC2 VMs
New tags:
AWS_DNS_NAME
AWS_PRIVATE_DNS_NAME
AWS_KEY_NAME
AWS_AVAILABILITY_ZONE
AWS_PLATFORM
AWS_VPC_ID
AWS_PRIVATE_IP_ADDRESS
AWS_IP_ADDRESS
AWS_SUBNET_ID
AWS_SECURITY_GROUPS
AWS_INSTANCE_TYPE

Revision e0ad8934 - 11/21/2013 05:46 PM - Daniel Molina

feature #2435: Add BLOCKDEVICEMAPPING support

Revision 637f1dbb - 11/21/2013 05:46 PM - Carlos Martin

Feature #2435 #2092: New generic HYBRID section in VMs, better automatic_requirements

Revision 558ae42f - 11/21/2013 05:46 PM - Carlos Martin

feature #2435 #2092: Bug in VirtualMachine::get_hybrid_hypervisors

Revision 9a640258 - 11/21/2013 05:46 PM - Carlos Martin

Feature #2435 #2092: Skip storage scheduling for hybrid hosts

Revision e3ff1ac2 - 11/21/2013 05:46 PM - Carlos Martin
Feature #2435 #2092: Add HYBRID=YES to ec2 probes

Revision 70444b21 - 11/21/2013 05:46 PM - Carlos Martín

Feature #2435 #2092: Code cleanup.

Hybrid hosts are not detected with the generic HYBRID=YES

Revision 4a71896e - 11/21/2013 05:46 PM - Carlos Martín

Feature #2435 #2092: Allow deployment to hybrid hosts using system DS -1

Revision b2cb9c10 - 11/21/2013 05:46 PM - Carlos Martín

Feature #2435 #2092: Rename HYBRID to PUBLIC_CLOUD

Revision f1b88a74 - 11/21/2013 05:46 PM - Carlos Martín

Feature #2435 #2092: New host and ds sched policy: fixed

This new policy simply uses the PRIORITY template attribute that the admin can set manually.

Revision 0924ec23 - 11/21/2013 05:46 PM - Carlos Martín

Feature #2435 #2092: Log when the sched discards the current Host for resched VMs

Revision 9c9a0306 - 11/21/2013 05:46 PM - Carlos Martín

Feature #2435 #2092: Do not allow migrations to/from a public cloud host

Revision 9e9d3011 - 11/21/2013 05:51 PM - Daniel Molina

feature #2435: TOTALMEMORY should be an integer instead of a float

Revision 7737c4a8 - 11/21/2013 05:51 PM - Daniel Molina

feature #2435: Change poll hostname argument

Revision 1a53e0aa - 11/21/2013 05:51 PM - Daniel Molina

feature #2435: Add extra monitoring information for EC2 VMs

New tags:

AWS_DNS_NAME
Revision c2d3dcd1 - 11/21/2013 05:51 PM - Daniel Molina

feature #2435: Add BLOCKDEVICEMAPPING support

Revision 472a1e3f - 11/21/2013 05:51 PM - Carlos Martín

Feature #2435 #2092: New generic HYBRID section in VMs, better automatic_requirements

Revision a30dfdfa - 11/21/2013 05:51 PM - Carlos Martín

feature #2435 #2092: Bug in VirtualMachine::get_hybrid_hypervisors

Revision cc02002f - 11/21/2013 05:51 PM - Carlos Martín

Feature #2435 #2092: Skip storage scheduling for hybrid hosts

Revision 539cadf0 - 11/21/2013 05:51 PM - Carlos Martín

Feature #2435 #2092: Add HYBRID=NO to ec2 probes

Revision 35fecb6d - 11/21/2013 05:51 PM - Carlos Martín

Feature #2435 #2092: Code cleanup.
Hybrid hosts are not detected with the generic HYBRID=NO

Revision 06b65853 - 11/21/2013 05:51 PM - Carlos Martín

Feature #2435 #2092: Allow deployment to hybrid hosts using system DS -1

Revision 074657b8 - 11/21/2013 05:51 PM - Carlos Martín

Feature #2435 #2092: Rename HYBRID to PUBLIC_CLOUD

05/10/2021
Revision ebc83100 - 11/21/2013 05:51 PM - Carlos Martín

Feature #2435 #2092: New host and ds sched policy: fixed

This new policy simply uses the PRIORITY template attribute that the admin can set manually.

Revision c9a723f4 - 11/21/2013 05:51 PM - Carlos Martín

Feature #2435 #2092: Log when the sched discards the current Host for resched VMs

Revision 2aca630b - 11/21/2013 05:51 PM - Carlos Martín

Feature #2435 #2092: Do not allow migrations to/from a public cloud host

Revision eb56f526 - 11/21/2013 10:40 PM - Ruben S. Montero

feature #2435: Remove unused function. Minor optimizations

Revision a385eb77 - 11/21/2013 10:47 PM - Ruben S. Montero

feature #2435: PUBLIC_CLOUD is not case sensitive

Revision 9b7baa63 - 11/22/2013 10:46 PM - Ruben S. Montero

feature #2435: Remove unused function. Minor optimizations

(cherry picked from commit eb56f526a69a675730f265ee2488617dfa05b171)

Revision 4d425c62 - 11/22/2013 10:46 PM - Ruben S. Montero

feature #2435: PUBLIC_CLOUD is not case sensitive

(cherry picked from commit a385eb773c80701ea84745545e67e14c8df150c3)

History

#1 - 11/07/2013 11:16 AM - Tino Vázquez
  - Description updated

#2 - 11/07/2013 11:41 AM - Tino Vázquez
  - Status changed from Pending to Closed

#3 - 11/07/2013 11:57 AM - Tino Vázquez
  - Status changed from Closed to New

#4 - 11/15/2013 10:27 AM - Daniel Molina
- Assignee set to Daniel Molina
- Target version changed from Release 4.6 to Release 4.4

#5 - 11/15/2013 02:26 PM - OpenNebula Systems Support Team

Add the following as well

+SECURITYGROUP,
+INSTANCETYPE,

#6 - 11/15/2013 04:20 PM - Daniel Molina

New tags included in the TEMPLATE section of the VM:

AWS_DNS_NAME
AWS_PRIVATE_DNS_NAME
AWS_KEY_NAME
AWS_AVAILABILITY_ZONE
AWS_PLATFORM
AWS_VPC_ID
AWS_PRIVATE_IP_ADDRESS
AWS_IP_ADDRESS
AWS_SUBNET_ID
AWS_SECURITY_GROUPS
AWS_INSTANCE_TYPE

IPADDRESS has been renamed to AWS_IP_ADDRESS

#7 - 11/21/2013 02:27 PM - Ruben S. Montero
- Assignee changed from Daniel Molina to Tino Vázquez

#8 - 11/25/2013 04:50 PM - Tino Vázquez
- Status changed from New to Closed
- % Done changed from 0 to 100
- Resolution set to fixed