**Deploying Guardium on the AWS Marketplace** 

1. Go to the AWS Marketplace: https://aws.amazon.com/marketplace

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- 2. Search for "Guardium"
- 3. Click on the IBM Security Guardium Collector or the IBM Security Guardium Aggregator offering
- 4. Click "Continue to Subscribe" to subscribe to the offering

| TRM | IBM Security Guardium Multi-Cloud Data Protection -<br>Collector |                         | Continue to Subscribe       |   |
|-----|--|-------------------------|-----------------------------|---|
|     |  |                         | Save to List                |   |
|     | By: IBM Lates  | t Version: Guardium v   | 10.6 Collector              |   |
|     | Safeguard critical   | , sensitive, or regulat | ed data wherever it resides | Typical Total Price<br>\$0.400/hr   |
|     | Linux/Unix   | <u> 999999</u> (0)      | BYOL                        | Total pricing per instance for services<br>hosted on m4.2xlarge in US East (N.<br>Virginia). View Details |

- 5. You will be prompted to log into your AWS account if not logged in already
- 6. Review the terms and conditions
- 7. Click on "Continue to Configuration"

| IBM Security Guardiun  | n Multi-Clo                            | ud Data  |                                     | Continue to Configuration |
|--|--|--|-------------------------------------|---------------------------|
| Protection - Collector   |  |  |                                     | contract of contraction   |
| < Product Detail <u>Subscribe</u>  |  |  |                                     |                           |
| Subscribe to this software   |  |  |                                     |                           |
| You're subscribed to this software. Please see the terms<br>configure your software.   | and pricing detai                      | ls below or click th   | e button above to                   |                           |
| Terms and Conditions   |  |  |                                     |                           |
| IBM Offer  |  |  |                                     |                           |
| You have subscribed to this software and agree that you<br>and the seller's End User License Agreement (EULA). You<br>Agreement. | r use of this soft<br>r use of AWS ser | ware is subject to the vices is subject to the vices is subject to the the vices is subject to the vic | he pricing terms<br>he AWS Customer |                           |
| Product  | Effective Date                         | Expiration Date  | Action                              |                           |
| IBM Security Guardium Multi-Cloud Data Protection -<br>Collector   | 12/6/2018                              | N/A  | ✓ Show Details                      |                           |
|  |  |  |                                     |                           |

- 8. Review the fulfillment option
- 9. Click on "Continue to Launch"

| IBM Security Guardium Multi-Cloud Data<br>Protection - Collector  | Continue to Launch  |  |
|---|---|--|
| < Product Detail Subscribe Configure  |   |  |
| Configure this software   | Pricing information   |  |
| Choose a fulfillment option below to select how you wish to deploy the software, then enter the information required to configure the deployment. | This is an estimate of typical software<br>and infrastructure costs based on your<br>configuration. Your actual charges for   |  |
| Fulfillment Option         64-bit (x86) Amazon Machine Image (AMI)  | each statement period may differ from<br>this estimate.<br>Software Pricing<br>IBM Security Guardium \$0/hr<br>Multi-Cloud Data<br>Protection - Collector<br>BYOL<br>running on m4.2xlorge<br>Infrastructure Pricing<br>EC2: 1 * m4.2xlarge |  |
| Software Version<br>Guardium v10.6 Collector (Jan 10 ‡  |   |  |
| Region     US East (N. Virginia)     Ami Id: ami-06c0e9f33d4f5b15b  | Montniy Estimate: \$288.00/month  |  |

10. Review the "Usage Instructions"

| IBM S<br>Prote                   | ecurity Guardium Multi-Cloud Data<br>ction - Collector  |
|----------------------------------|---|
| < Product Detail Subscribe Confi | gure Launch   |
| Launch this soft                 | ware  |
| Review your configuration and    | choose how you wish to launch the software.   |
| Configuration Details            |   |
| Fulfillment Option               | 64-bit (x86) Amazon Machine Image (AMI)<br>IBM Security Guardium Multi-Cloud Data Protection - Collector<br>running on m4.2xlarge |
| Software Version                 | Guardium v10.6 Collector  |
| Region                           | US East (N. Virginia)   |
| Usage Instructions               |   |

- 11. Choose to launch the software from the Website or EC2 Note: You may also opt to copy the Guardium offering to your AWS Service Catalog to manage your organization's cloud resources
- 12. Choose an EC2 Instance Type Note: Guardium recommends that instances be configured according to the specifications outlined in the following document http://www-01.ibm.com/support/docview.wss?uid=swq27047801
- 13. Configure VPC settings

14. Configure Subnet settings

Note: By default, a public ip address will be associated with the instance on deployment. To prevent this, modify the subnet settings in EC2 in order to disable auto-assign IP settings

15. Configure your security group settings

Note: Ports 22 and 8443 should be specified on launch in order to access SSH and the Guardium UI. Additional ports can be specified depending on user needs. For port requirements, refer to the following document https://www.ibm.com/support/knowledgecenter/en/SSMPHH\_10.5.0/com.ibm.guardium.doc.instal

- I/install/r\_planning\_ports.html
   16. Configure Key Pair settings
   Note: Access to Guardium instances is limited to using a EC2 key pair. Password based
   authentication is not supported
- 17. Click Launch to launch your Guardium instance

## Connecting to the instance

- Connect to the Guardium GUI: In a browser to go the URL: https://<instane-ip>:8443.
   \*The default password for admin, accessmgr, and Guardium UI users is the instance-id.
- 2) Connect to the CLI. From a terminal, connect via ssh to the cli using the private key corresponding to the public key selected when launching the instance:

ssh -i /path/to/private-key cli@<ip-of-gmachine>

## Setting up the Network

1) From the EC2 > Instances page, find the values for the private IP, subnet mask, internal gateway IP and Internal FQDN of the instance, then run the CLI network commands below to configure the appliance. Answer "yes" to the question "Is it a newly cloned appliance?". Lastly, run "restart network" for the changes to take effect.

- i. Setup the primary (eth0) IP store net interface ip <instance-ip> Setup the Netmask ii. store net interface mask <netmask> iii. Setup the Gateway store network route defaultroute <default-router-ip> Set the DNS resolver iv. store network resolver 1 <resolver-ip> Setup the system hostname v. store system hostname <instance-hostname> Setup the system domain vi.
  - store system domain <instance-domain>
- vii. Restart the network for all changes to take effect restart network