

Vulnerability Management as a Service





Automated and consistent vulnerability identification for AWS



Introduction

Wipro offers regular and automated scanning of your AWS infrastructure assets for software vulnerabilities to provide a single comprehensive view of the security status of all applications within an organization. Wipro has designed a Vulnerability Management as a Service offering, which offers complete lifecycle management of vulnerabilities including scanning, categorization (based on customer environment), remediation coordination with different stakeholders within an organization. By leveraging an industry-leading product, Qualys Vulnerability Management Solution, built on calculation of real-risk for complete AWS environment, the service offers complete contextualization of vulnerabilities and impact probability specific to the customer's assets. Newly added assets, VPCs, and EC2 instances are automatically discovered and scanned. AWS metadata such as tags, instance ID, VPC, subnet, and region are made available in the scan results to better enable reporting and decision making.

Key Benefits

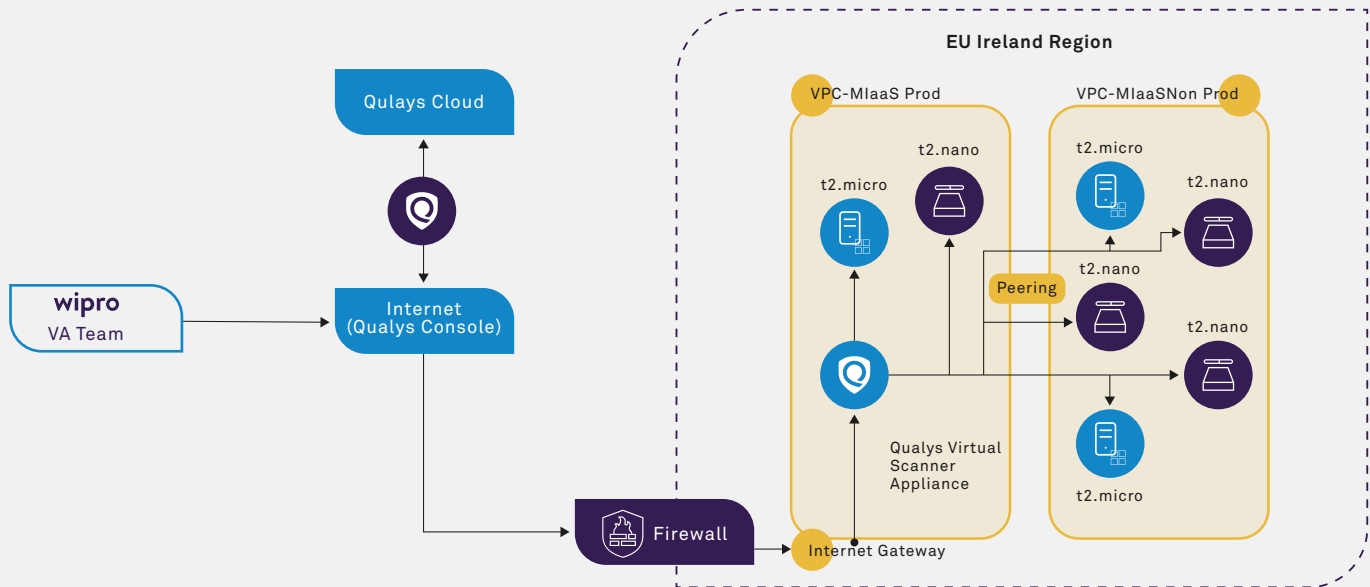
-  Highly flexible to provide cloud-based scanning and on demand
-  Intelligent false-positive removal from future scans based on analyst actions
-  Risk scoring based on asset criticality & vulnerability age
-  Comprehensive toolkit for scanning

Solution Overview

Qualys recommends to host the Qualys Virtual Scanner Appliance on a t2.medium instance. You can then scale up based on the number of EC2 instances being scanned, and the number of times the instances are scanned.


Peered VPCs in a region - you can have one or more scanners in the central VPC which is peered to other VPC in a region (hub 'n' spoke model). Here is an example for the same. - VPCs across regions - you can have one or more scanners in a VPC which has VPN or VPC-transit to other regions.








Key Features


Qualys AWS Cloud support provides the following features:

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Secure EC2 Instances (IaaS) from vulnerabilities and check for regulatory compliance on OS and Applications (Database, Middleware)
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Gain continuous security using Cloud Agents, embed them into AMIs to get complete visibility
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Identify vulnerabilities for public-facing IPs and URLs
- 

Secure Application using Application Scanning and Firewall solutions
- 

Pre-authorized vulnerability Scan



Supports all AWS global regions including GovCloud



Supports EC2 instances in Classic and VPC platform



Qualys Cloud Agents certified to work in EC2

Key Benefits

- No up-front investments in equipment
- Ongoing updates, database backups, etc not required
- Reach perimeter systems immediately
- Opening special ports in corporate fire wall not required
- Scale easily to handle new devices, users, and locations
- Predictable costs



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For more information,
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