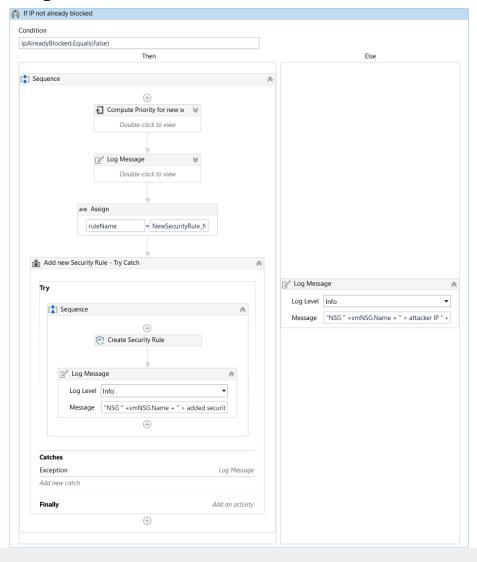


Security Orchestration with RPA Workflows



Transparent

easy to understand & inspect workflow business logic

Flexible

easy to update scaling logic with out-of-the-box drag & drop
UiPath IT Automation activities

Vendor agnostic

Azure, AWS, VMware, Citrix











Security Orchestration RPA Workflows built with out-of-the-box IT Automation Activities



Implementation

Background running activities built on top of the official SDKs from *Microsoft, Amazon, Citrix, VMware, ...*

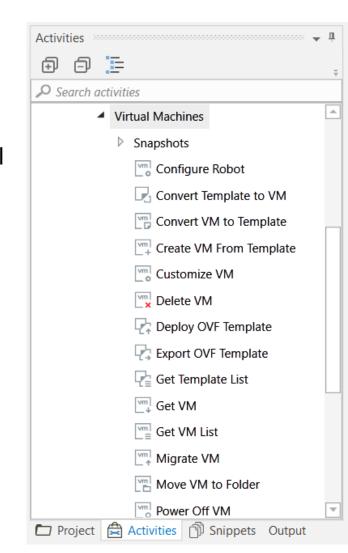


Security and Compliance

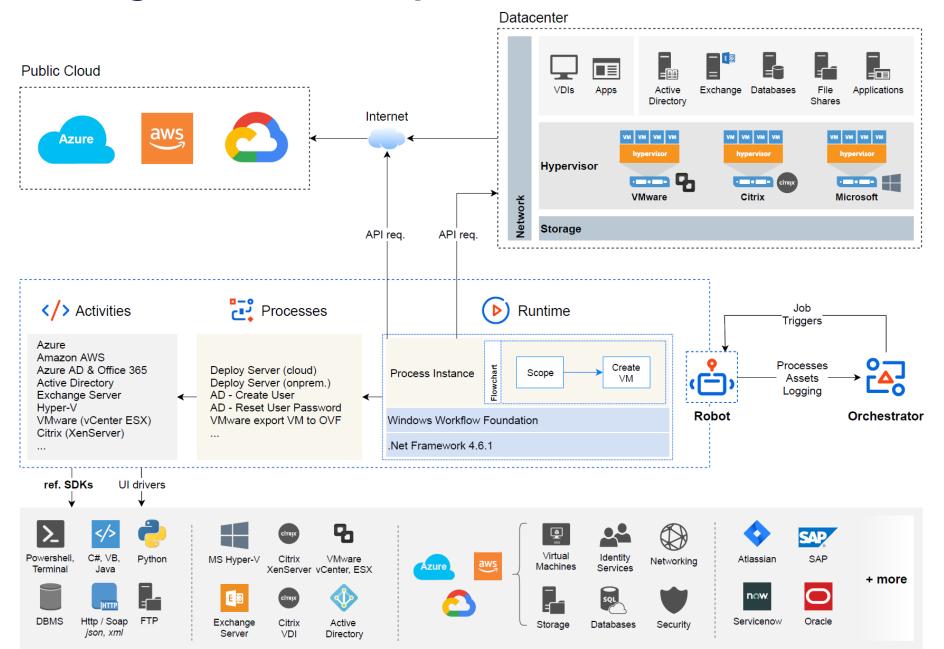
Developed by UiPath

Published on the official feed (LTS)



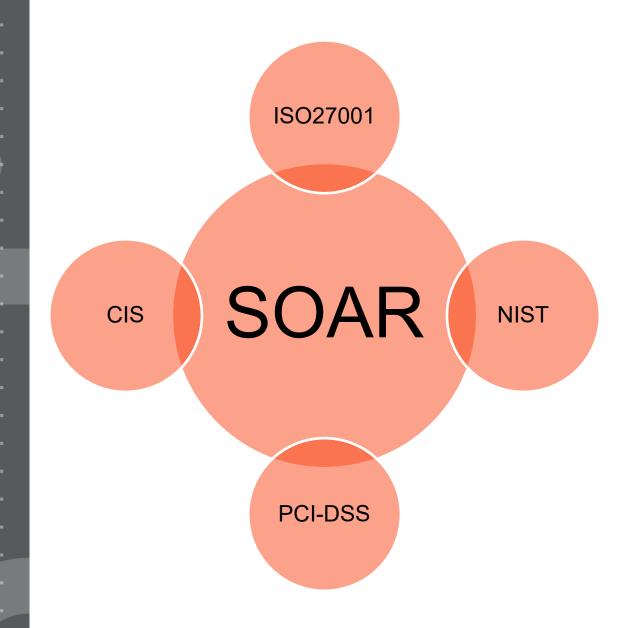


IT integrations landscape



SOAR Certification & Audit







ISO27001:

- 10.6 Network Security Management
- 10.10 Monitoring



NIST:

- Detect:
 - Anomalies and Events (DE.AE2/DE.AE3)
 - Detection Process (DE.DP4/DE.DP5)
- Respond:
 - Response Planning (RS.RP1)
 - Analysis (RS.AN1)
 - Mitigation (RS.MI1/RS.MI2)



PCI-DSS:

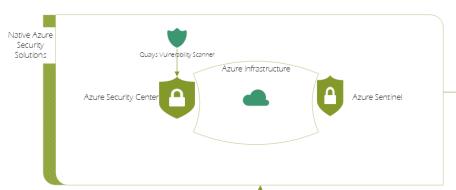
Regular monitor and test networks (10.6)



CIS:

• Maintenance, Monitoring and Analysis of Audit Logs (6.6/6.7/6.8)

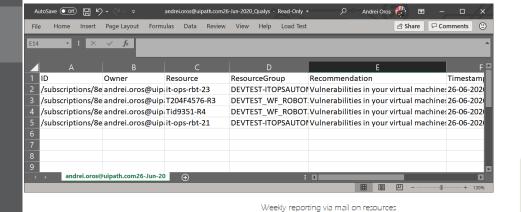
Cloud Vulnerability Management



Sentinel will pull vulnerability logs from any other external tool



Vulnerability Logs from other tools



Resource Owner

Retrieves recommendations, vulnerability and regulatory compliance information from Azure Security Center. Retries vulnerability information from any other tool integrated in Sentinel. Sends Robot logs to Sentinel for extra reporting capabilities.

- State Tracking
- Context-specific awareness and logic
- SLA tracking
- Reporting
- Exception processing





LIIPath SOAR Ro



Monthly reporting to leadership in regards to open items, closed items, percentage of closed items, mean time to resolve and owners with breached items



that have vulnerabilities,

recommendations and regulatory

compliance items with context-specific

severity and deadlines

Escalation for non-tagged resource groups

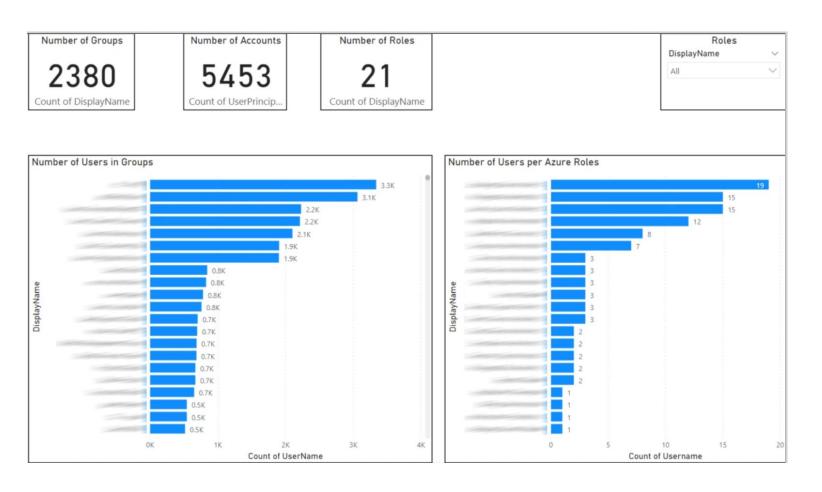
Daily reporting on successful

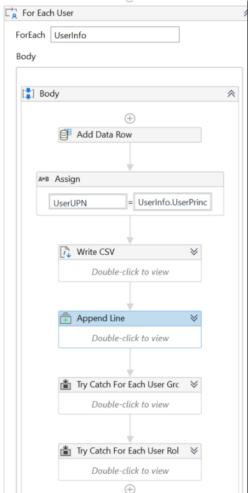
remediations and breached

deadlines.





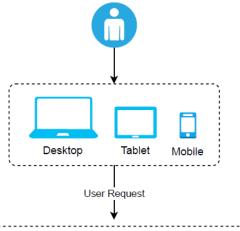


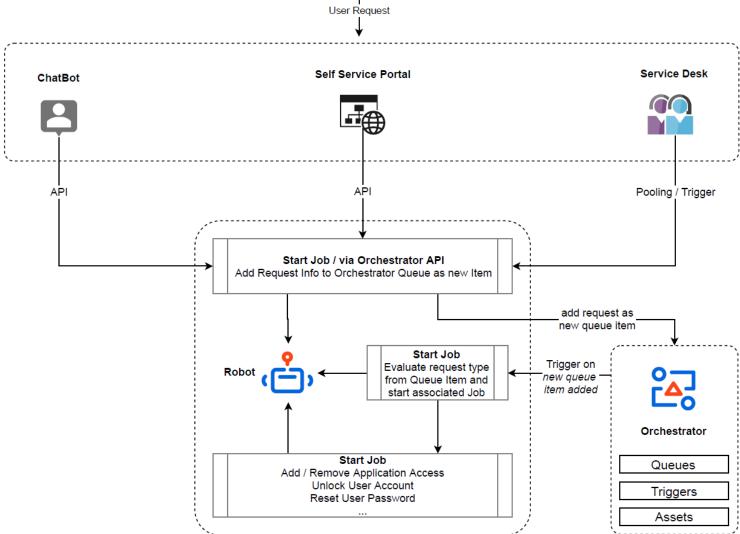


Access Control



Access Control on-demand access to an application









Access Control on-demand access to a server

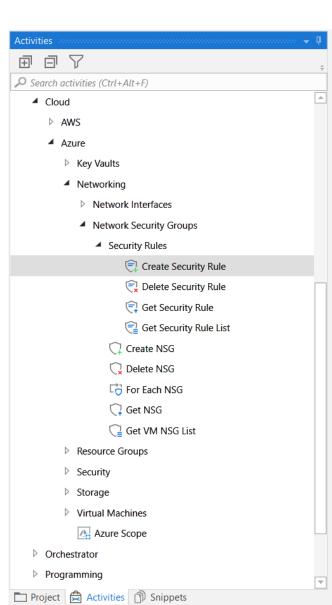
User requests access to a server via the Assistant

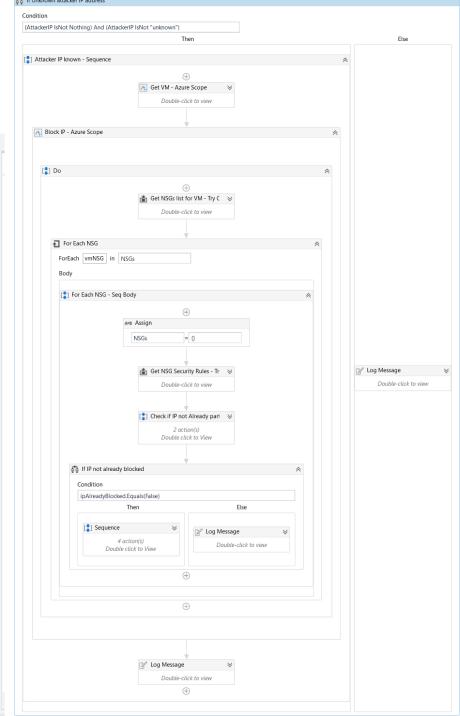
Approve Task sent to IT
Job is persisted
IT approves
Job resumes execution

Temporary access is granted to the user's IP via a security rule

Job is persisted X time

Job is un-persisted after X time and the user's access is revoked

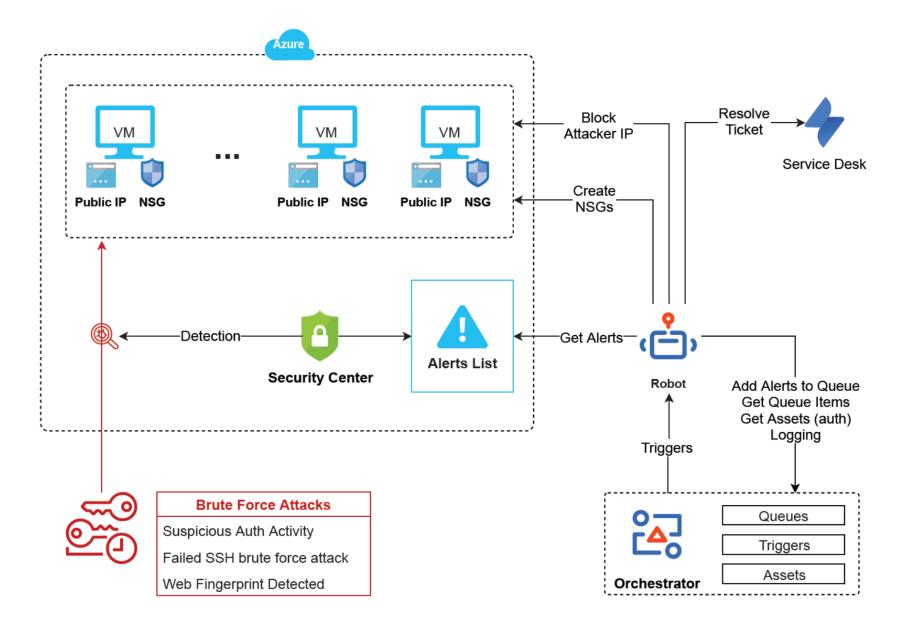




Brute Force Attacks Azure



Azure Security Orchestration



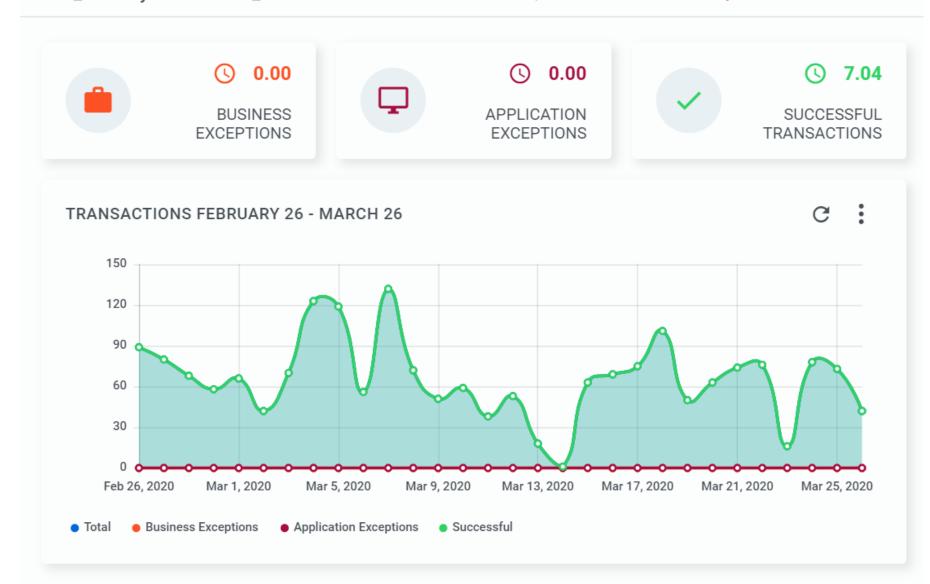


Ui Trusted by UiPath

10500+ attacks

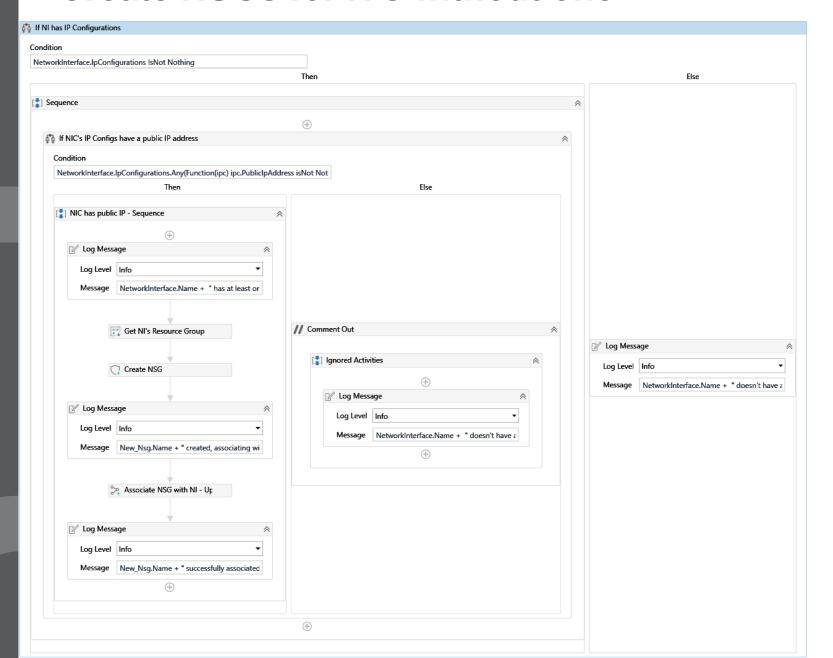
Azure_SecurityCenterAlerts_VMAttacks Chart

processed automatically in the last 4 months



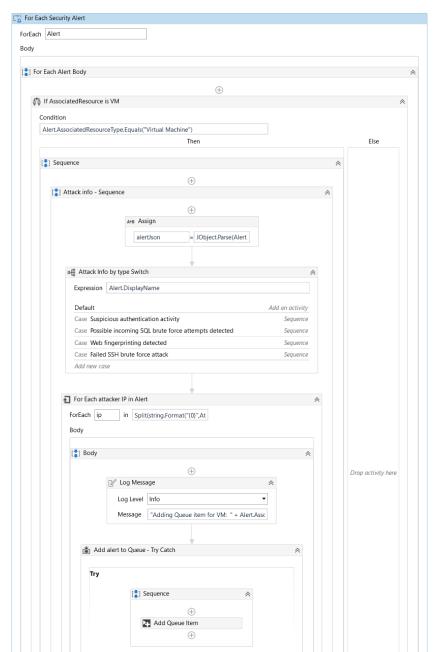


Create NSGs for NIs without one



Create Network Security Groups for all the Network Interfaces that have public IP addresses in their IP Configurations and don't have an associated NSG.

Get Alerts from Azure Security Center

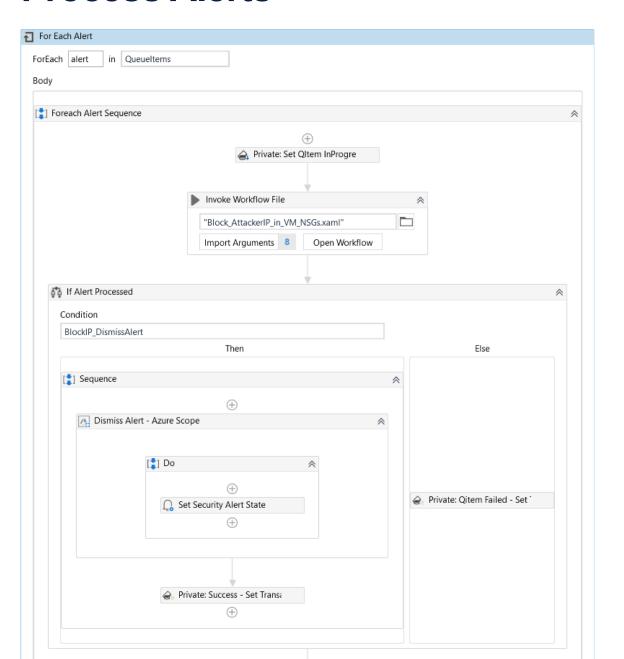


Get all the Azure Security Center Alerts associated with Brute Force Attacks on Virtual Machines with public IPs

Add a Queue Item for each Alert with the info required to block the Attacker IP

- VM Name & Resource Group
- Attacker IP
- Azure info (subscription, location)

Process Alerts



Get all Queue Items from the associated Orchestration queue.

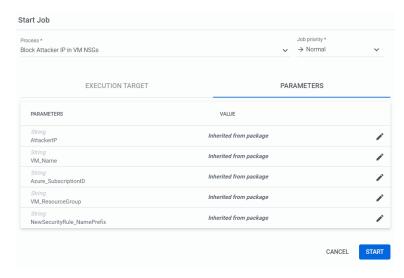
For each Alert item, block the Attacker IP in all the Network Security Groups that are associated with the Attacked Virtual Machine:

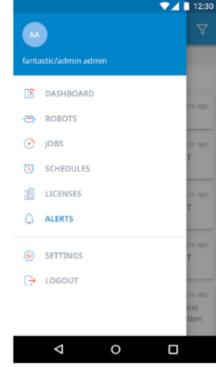
- adds a security rule in each NSG to deny all connections on all ports for the specified attacker IP address

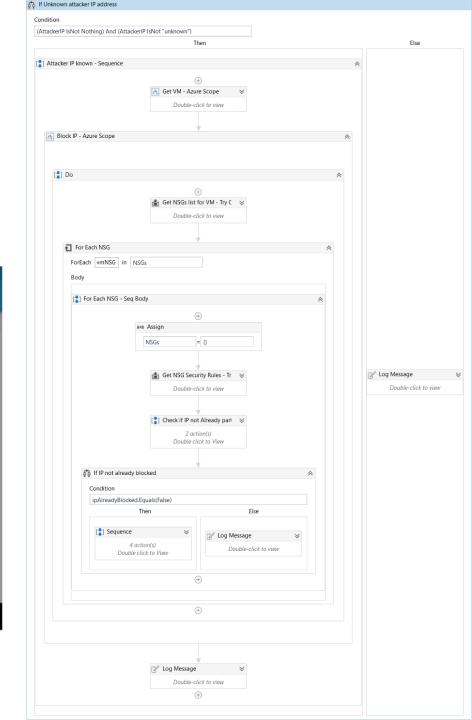


On Demand Block IP

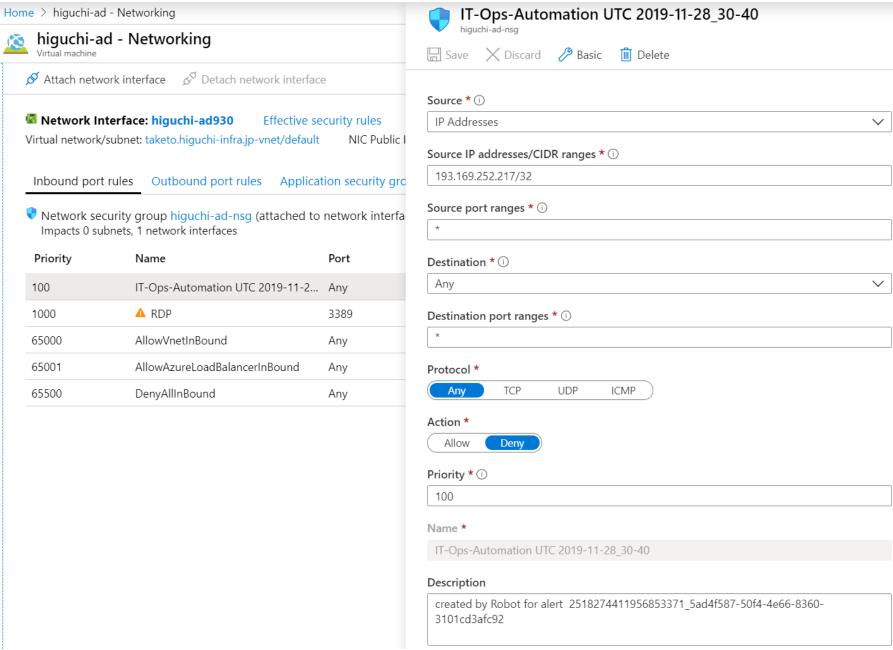
Start the process via an Orchestrator Job with the web or mobile app and block the specified attacker IP's access to the input Virtual Machine:







Demo





IT Automation for Public, Private & Hybrid Clouds



Community

Academy

Marketplace





Connect Home > Marketplace > Components > IT Automation for Public, Private & Hybrid Clouds



Version: 1.0 (View History)

Published: March 27th, 2020

Downloads: 3

Industry: Cross-Industry

Process:

Information Technology

Tags: active-directory, Amazon AWS,

Azure Active Directory, citrix, cloud, Datacenter, Exchange Server, IT, microsoft, Microsoft Azure, Server Virtualization, User Management, VMware

Download

Bookmark

Community

Support

Report A Bug

- 1. Identity and User Management
- 2. IT Infrastructure and Services Management
- 3. Cloud Security Orchestration
- 4. Cloud Migration

..that offer a strong value proposition to all levels:

IT Automation for Public, Private & Hybrid Clouds

Solution

Description

Media (6)

Reviews

Ouestions

Summary: Workflows that enable organizations from all industries to accelerate the automation of their IT ecosystem in the areas of Cloud, Server Virtualization, User Management, Security, Networking and more.

UiPath's vision for the "Automation First" era has led to the addition in its market-leading Enterprise RPA Platform of dedicated official out-of-the-box IT Automation capabilities that empower all companies to take their Digital Transformation to the next level. Official activities packs:

- Active Directory
- · Azure Active Directory
- Microsoft Azure
- Amazon Web Services (AWS)
- VMware vCenter ESXi
- Citrix Hypervisor (XenServer)
- Exchange Server

The IT Automation focused solution comprises four components:

UiPath.AmazonWebServices.Activities >= 1.0

UiPath.ActiveDirectoryDomainServices.Activities >=









UiPath





Benefits

The solution can accelerate your IT Automation projects with out-of-the-box ready to use workflow samples and snippets.

Compatibility

UiPath Studio 19.10+

Dependencies

UiPath.Azure.Activities >= 1.1 UiPath.VMWare.Activities >= 1.0 UiPath.Citrix.Activities >= 1.0



About UiPath

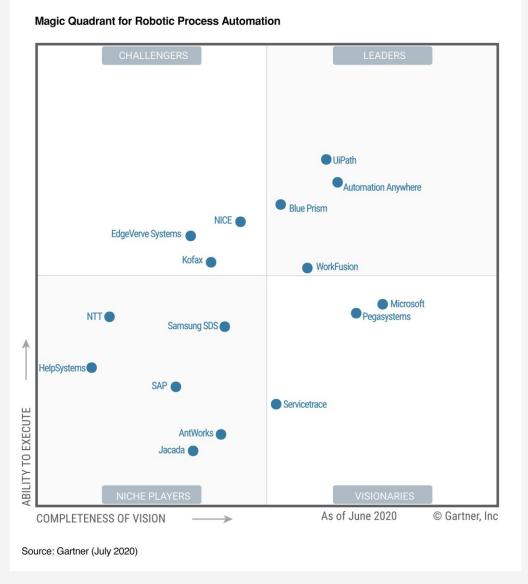




A Leader in the 2020 Gartner Magic Quadrant for Robotic Process Automation

For the second consecutive year, UiPath is placed highest for its ability to execute

"In the second year of this Magic Quadrant, the bar has been raised for market viability, relevance, growth, revenue and how vendors set the vision for their RPA offerings in a fluid market."*



This graphic was published by Gartner, Inc. as part of a larger research document and should be evaluated in the context of the entire document. The Gartner document is available upon request from UiPath. Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings or other designation. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

^{*} Source: Gartner, "Magic Quadrant for Robotic Process Automation," Saikat Ray, Arthur Villa, Cathy Tornbohm, Naved Rashid, Melanie Alexander, July 27, 2020

Robotic Process Automation

THE FORRESTER WAVE™

Weaker current offering

Weaker strategy

Strong Challengers Contenders Performers Leaders Stronger current UiPath offering Automation Anywhere (• Intellibot EdgeVerve Kryon Pegasystems • (·) NICE Another Monday (... Softomotive (•) AntWorks · WorkFusion SAP-Servicetrace





A Forrester Wave Leader

Highest Scores in Current Offering, and Highest Possible Scores in Strategy and Market Presence

"References report that UiPath will go the extra mile to meet a client's need and cite the transparent and innovation culture as a plus.

They also applaud the low cost of getting started, the well-organized partner channel, overall product stability, and strong security."

Source: ForresterWave™:RoboticProcessAutomation,Q42019



A Process Mining Leader

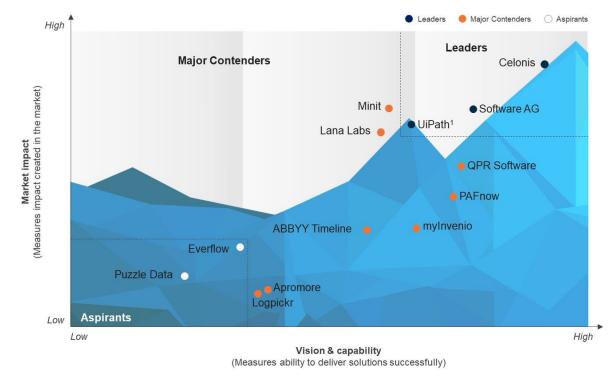
Everest Group PEAK Matrix® for Process Mining Technology Vendors 2020



Everest Group Process Mining Products PEAK Matrix® Assessment 2020



"[...] its product development strategy is now more focused toward helping enterprises discover automation use cases and accelerate their automation journeys."



1 UiPath Process Mining (formerly ProcessGold)





600+ business partners that help with the implementation of RPA

Thank you

andrei.oros@uipath.com

