

# CHECKPOINT HARMONY

## CLOUD-SECURITY AUTOMATION

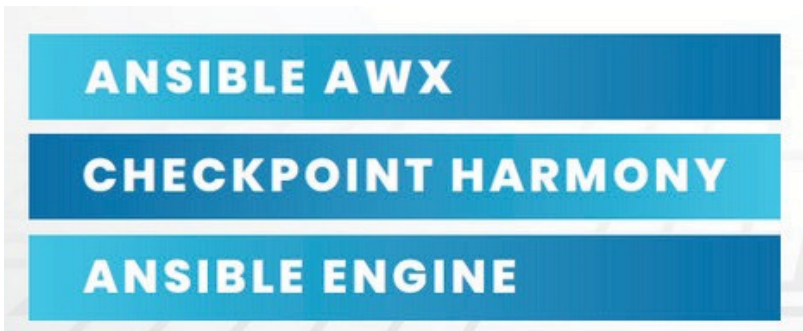
Embracing Automation, unlock unprecedented levels of productivity and agility, while fortified by cutting-edge cybersecurity measures that shield your valuable data, networks, and systems from malicious attacks.

### OVERVIEW

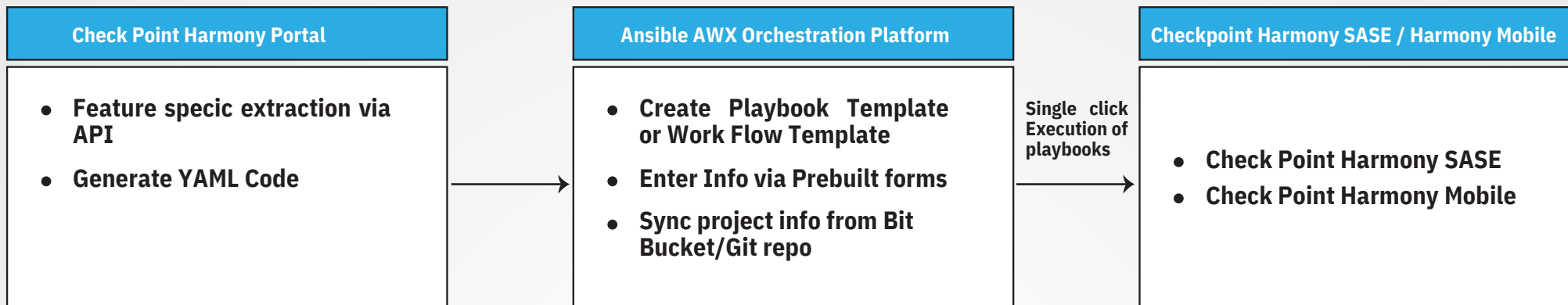
With our Ansible integration for Check Point Harmony Connect ( Harmony SASE) and Check Point Mobile applications, features can be provisioned on the fly, without going through multiple touchpoints on Checkpoint Portal reducing the time to provision which results in massive cost savings.

Automate Checkpoint Harmony configurations by executing Single Click Playbooks on Ansible AWX / Tower

### STACK & TECHNOLOGY THAT BEEN USED



# I CHECK POINT HARMONY - AUTOMATION TOOLKIT



## a) Deployment Automation Tool Kit

### i) Check Point Harmony Connect (Harmony SASE) Automation Tool Kit (Refer Note below)

- ▶ User Onboarding Playbook – Single click playbook to create Admin and local users on local Database
- ▶ DC and Branch Instantiation Playbook – Single click Playbook for listing and instantiation of Data centre/Branch instances
- ▶ ODO Connector playbook – Single click Playbook for instantiation of ZTNA connector
- ▶ Azure Active Directory Integration Playbook – Single click playbook for instantiation of Microsoft Entra ID
- ▶ Security Policy Automation

### ii) Check Point Harmony Mobile Automation Tool Kit

- ▶ Harmony Mobile Integration with VMware WS1 – Single click playbook for registration of Mobile Users and Integrated to VMWare WS1 portal
- ▶ MSSP Automation Module – This module contains playbooks to automatically provision new Customers and activates the services
- ▶ Device Automation Module – This module contains playbooks to automatically provision new devices on Harmony Mobile Platform

## b) SecOps Automation Tool Kit(Under Development)

**Note** Harmony SASE (Perimeter81) replaces Harmony Connect, so not all of the above playbooks is applicable with the exception of Microsoft Entra ID Integration playbook

## II HARMONY - AUTOMATION PLATFORM

- ▶ On-Prem models available in a virtual appliance form factor
- ▶ Ansible Engine and Ansible AWX / Ansible Tower
- ▶ Supports GraphQL and REST API
- ▶ Supports YAML and Python 3.x
- ▶ Customers can incorporate the playbooks into their own Orchestration workflow platforms supporting Python or YAML.

## III HARMONY AUTOMATION - SOURCE CODE INFORMATION

The playbook code can be supplied in any of the following formats :

- ▶ YAML format playbooks
- ▶ Python Plugins (On request)
- ▶ Galaxy collections (On request)
- ▶ All playbooks will be encrypted and can be decrypted only by authorized user.  
All source code is hosted in Bit Bucket/Git Hub repository, which connects to Automation platform over an encrypted session.
- ▶ On-Prem appliances and services will be charged as a separate license and pricing.
- ▶ Covers Support and documentation.

# BENEFITS OF HARMONY AUTOMATION

- Security Policy Automation
- API driven useful interfaces to enhance security analyst productivity.
- Smart Security that leverages automation, data and AI.
- Automation not just to eliminate human error or save money, but to also empower security teams to be able to defend against attacks at the same rate at which they are happening.

## DEPLOYMENT MODELS

