

# ITogether Service Definition Document

Check Point IoT Protect

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Detailed Description
<p>Check Point IoT Protect is a specialized cybersecurity solution designed to safeguard Internet of Things (IoT) devices and networks from cyber threats. It provides comprehensive security capabilities tailored specifically for the unique challenges posed by IoT environments. Here's a detailed description of Check Point IoT Protect:</p> <p><b>Device Discovery and Inventory Management:</b>            Check Point IoT Protect enables organizations to discover and inventory all IoT devices connected to their network. It automatically identifies IoT devices, including sensors, actuators, controllers, and smart appliances, providing visibility into their presence and characteristics.</p> <p><b>Device Profiling and Classification:</b>            The solution employs advanced device profiling techniques to classify and categorize IoT devices based on their attributes, behaviors, and communication patterns. This allows organizations to create policies and enforce security controls tailored to different types of IoT devices.</p> <p><b>Network Segmentation and Micro-Segmentation:</b>            Check Point IoT Protect facilitates network segmentation to isolate IoT devices from critical assets and sensitive data. It creates segmented network zones for IoT devices, implementing micro-segmentation policies to contain potential threats and prevent lateral movement within the network.</p> <p><b>Threat Detection and Prevention:</b>            The solution utilizes a combination of threat detection mechanisms, including behavioral analysis, anomaly detection, and signature-based detection, to identify and mitigate threats targeting IoT devices. It monitors IoT device traffic and communication, blocking malicious activities and unauthorized access attempts in real-time.</p> <p><b>Access Control and Zero Trust Security:</b>            Check Point IoT Protect adopts a zero trust security model, where access to IoT devices and resources is based on strict authentication, authorization, and least privilege principles. It ensures that only authorized users and devices can interact with IoT assets, minimizing the risk of unauthorized access and data breaches.</p> <p><b>Policy Enforcement and Compliance:</b>            The solution enforces security policies specific to IoT environments, such as device-specific access controls, traffic filtering rules, and compliance regulations. It helps organizations comply with regulatory requirements and industry standards by providing features for audit trails, compliance reporting, and governance controls.</p>



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#### Integration with Threat Intelligence:

Check Point IoT Protect integrates with threat intelligence feeds and databases to enrich security analytics and enhance threat detection capabilities. It leverages up-to-date threat intelligence to identify and mitigate emerging IoT-related threats effectively.

#### Scalability and Flexibility:

Check Point IoT Protect is scalable and adaptable to the evolving needs of organizations, supporting diverse IoT device types, protocols, and deployment scenarios. It accommodates growth in IoT deployments without compromising security or performance.

#### User-Friendly Management Interface:

The solution offers a user-friendly management interface that allows organizations to configure security policies, monitor IoT device activities, and analyze security events effectively. It provides dashboards, reports, and alerts to keep security teams informed about the status of IoT security.

In summary, Check Point IoT Protect is a comprehensive cybersecurity solution designed to address the unique security challenges associated with IoT deployments. By providing visibility, segmentation, threat detection, access control, and compliance features tailored for IoT environments, it helps organizations protect their IoT devices and networks from cyber threats and vulnerabilities.

### Business Benefits

1. **Enhanced Security Posture:** Check Point IoT Protect strengthens the overall security posture of organizations by providing comprehensive protection for IoT devices and networks against cyber threats, vulnerabilities, and attacks.
2. **Reduced Cyber Risk:** By identifying and mitigating security risks associated with IoT devices, the solution helps organizations minimize the likelihood and impact of cyber attacks, data breaches, and operational disruptions.
3. **Improved Operational Efficiency:** Check Point IoT Protect streamlines security operations by automating device discovery, profiling, threat detection, and policy enforcement tasks. This improves operational efficiency and reduces the burden on IT security teams.
4. **Greater Visibility and Control:** The solution offers visibility into IoT device activities and communication patterns, enabling organizations to monitor and control their IoT environments effectively. It helps in identifying unauthorized devices, abnormal behaviors, and security incidents in real-time.
5. **Scalability and Flexibility:** Check Point IoT Protect is scalable and adaptable to the evolving needs of organizations, supporting diverse IoT device types, protocols, and deployment scenarios. It accommodates growth in IoT deployments without compromising security or performance.
6. **Regulatory Compliance:** By enforcing security policies and generating compliance reports, Check Point IoT Protect assists organizations in meeting regulatory requirements, such as GDPR, HIPAA, PCI DSS, and industry-specific standards for IoT security.



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Overall, Check Point IoT Protect enables organizations to secure their IoT deployments, mitigate security risks, and maintain compliance with regulatory mandates, ensuring the integrity, confidentiality, and availability of IoT devices and data.

#### Standard Service Components

User-Friendly Management Interface  
 Integration with Threat Intelligence  
 Policy Enforcement and Compliance

#### Optional Service Components

Upgrade of service hours

#### Service Exclusions

Professional Services for setup and configuration

#### Standard Support Services

8x5 support, Monday to Friday 9am to 5pm

#### Assumptions

Any and all information will be provided by the customer to enable the full onboarding of the product without hinderance

#### Contact

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